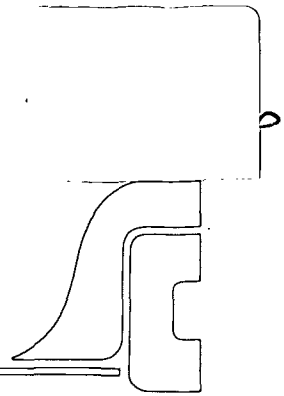


The WINAND STARING CENTRE for Integrated Land, Soil and Water Research



Assessment of soil nutrient depletion in Sub-Saharan Africa: 1983-2000

Volume II: Nutrient balances per crop and per Land Use Systems

J.J. Stoorvogel
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The WINAND STARING CENTRE, Wageningen (The Netherlands), 1990

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ABSTRACT

J.J. Stoorvogel, E.M.A. Smaling, 1990. Assessment of soil nutrient depletion in Sub-Saharan Africa, 1983-2000. Volume II: Nutrient balances per crop and per Land Use System. Wageningen (The Netherlands), The Winand Staring Centre. Report 28, 4 Volumes; 228 tables.

On request of FAO a methodology was developed to assess the state of soil nutrient depletion under agriculture in Sub-Saharan Africa for 1983 and the year 2000. The nutrient balance is described with five input and five output factors, which result in a nutrient loss rate. Production figures and data on fertilizer consumption for 1983 and projections for the year 2000 were provided by FAO. Data on nutrient balances as well as additional country information were collected from the literature. Nutrient depletion rates for Sub-Saharan Africa are approximately 20 kg N, 10 kg P_2O_5 and 20 kg K_2O per ha on average up to a maximum of 40 kg N, 20 kg P_2O_5 and 40 kg K_2O per ha in East Africa.

Keywords: nutrient depletion, nutrient balances, soil fertility, Sub-Saharan Africa.

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Project 8563

VOLUME II: NUTRIENT BALANCES PER CROP AND PER LAND USE SYSTEM

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Volume I : Main report

Volume III: Literature review and description of
land use systems

Volume IV : Computer programmes

1. INTRODUCTION

The Department of International Cooperation of the Winand Staring Centre for Integrated Land, Soil and Water Research, was requested by the Land and Water Development Division (AGL) of FAO, to assess the state of soil nutrient depletion in Sub-Saharan Africa,

- a. in the recent past (1983);
- b. in the near future (2000).

This assessment should provide, on a country basis, data on the net removal (depletion minus accumulation) of nutrients from the rootable soil layer. The present study, being of a general, exploratory nature, is entirely devoted to the macronutrients nitrogen (N), phosphorus (P), and potassium (K). Even though it is appreciated that secondary and micronutrients also limit crop production, they are not included at the present time.

The development of a method for this assessment is the focal point of this study. Production figures (1983) and forecasts (2000) were provided by FAO, per crop and per country, and further specified per mainly climate-based 'Land/Water Classes' (LWC). Similarly, data on fertilizer consumption were made available but only as country totals. In addition to the data provided by FAO a plethora of literature was studied.

Nutrient balances are presented per Land/Water Class and country in Volume I, but the basic calculations are made per crop and per Land Use System. These results are presented in this Volume. The methodology and the aggregated nutrient balances per Land/Water Class and per country are presented in Volume II. The results of the literature review performed for this study and a description of the Land Use Systems are given in Volume III. The computer programmes and a brief user manual are given in Volume IV.

2. COUNTRY RESULTS

The detailed calculations of the nitrogen, phosphorus and potassium balance for 35 crops in 38 countries are listed in alphabetic order.

Angola

Table 1 The N-balance per crop and Land Use System for Angola, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4422	3199	789	7290	8890	756	21672	5756	6292	14419	14953	5695	-36473 (TON/CTY)
LR TOTAL	200	16	89	97	135	0	221	197	117	303	400	320	-581 (TON/LWC)
LR-L.1 TOTAL	40	0	2	2	3	0	6	5	3	8	10		-25 (KG/HA)
MAIZ:	3	0	1	2	3	0	5	3	3	8	10		-23 (KG/HA)
MILL:	33	0	2	2	3	0	6	6	3	8	10		-26 (KG/HA)
PULS:	4	0	1	2	7	0	4	2	3	8	10		-17 (KG/HA)
FALLOW:	160											2	(KG/HA)
UR TOTAL	658	127	198	313	366	0	1080	522	296	696	1046	1159	-1477
UR-L.1 TOTAL	60	1	3	4	5	0	9	7	4	9	14		-30
MAIZ:	30	0	1	4	4	0	5	3	5	10	14		-28
MILL:	23	1	7	4	4	0	15	15	4	9	14		-41
PULS:	6	1	1	4	9	0	6	2	5	10	14		-22
GROU:	1	1	3	4	21	0	19	7	4	9	14		-24
UR-L.2 TOTAL	15	5	0	4	4	0	32	5	1	5	10		-40
SPOT:	1	3	0	4	4	0	46	3	0	4	10		-52
CASS:	7	9	0	4	4	0	40	10	0	2	10		-45
VEGE:	5	1	0	4	4	0	27	1	2	7	10		-38
FRUI:	1	5	0	4	4	0	11	2	4	9	10		-23
SUNF:	1	0	0	4	4	0	12	2	3	8	10		-27
UR-L.3 TOTAL	4	3	0	4	4	0	9	0	4	17	14		-33
COTT:	4	3	0	4	4	0	9	0	4	17	14		-33
FALLOW:	579											2	
GR TOTAL	2897	1956	502	5340	6622	0	14425	3444	4590	10128	9750	3593	-24324
GR-L.1 TOTAL	596	0	1	5	7	0	9	2	4	9	10		-21
WHEA:	14	0	0	5	5	0	13	1	4	9	10		-27
MAIZ:	447	0	1	5	5	0	8	2	5	9	10		-23
MILL:	14	2	4	5	5	0	21	8	3	7	10		-33
PULS:	83	1	1	5	12	0	8	1	5	10	10		-15
GROU:	30	3	1	5	22	0	19	3	4	9	10		-14
SESA:	8	0	0	5	5	0	6	1	5	10	10		-22

Angola

Table 2 The P205-balance per crop and Land Use System for Angola, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4422	2703	346	2759	0	208	8785	3024	0	0	4594	5695	-4692 (TON/CTY)
LR TOTAL	200	2	35	37	0	0	150	78	0	0	150	320	16 (TON/LWC)
LR-L.1 TOTAL	40	0	1	1	0	0	4	2	0	0	4		-8 (KG/HA)
MAIZ:	3	0	1	1	0	0	3	1	0	0	4		-6 (KG/HA)
MILL:	33	0	1	1	0	0	4	2	0	0	4		-8 (KG/HA)
PULS:	4	0	0	1	0	0	2	0	0	0	4		-5 (KG/HA)
FALLOW:	160											2	(KG/HA)
UR TOTAL	658	85	81	118	0	0	531	228	0	0	392	1159	292
UR-L.1 TOTAL	60	0	1	1	0	0	6	3	0	0	5		-12
MAIZ:	30	0	1	1	0	0	3	1	0	0	5		-7
MILL:	23	0	3	1	0	0	11	6	0	0	5		-18
PULS:	6	1	0	1	0	0	2	1	0	0	5		-6
GROU:	1	1	1	1	0	0	7	3	0	0	5		-12
UR-L.2 TOTAL	15	5	0	1	0	0	9	3	0	0	4		-10
SPOT:	1	3	0	1	0	0	17	4	0	0	4		-21
CASS:	7	9	0	1	0	0	10	5	0	0	4		-9
VEGE:	5	1	0	1	0	0	6	1	0	0	4		-9
FRUI:	1	0	0	1	0	0	3	0	0	0	4		-6
SUNF:	1	0	0	1	0	0	4	1	0	0	4		-8
UR-L.3 TOTAL	4	1	0	1	0	0	11	0	0	0	5		-14
COTT:	4	1	0	1	0	0	11	0	0	0	5		-14
FALLOW:	579											2	
GR TOTAL	2897	1642	230	2021	0	0	5958	1879	0	0	2925	3593	-3276
GR-L.1 TOTAL	596	0	0	2	0	0	5	1	0	0	3		-7
WHEA:	14	0	0	2	0	0	6	1	0	0	3		-8
MAIZ:	447	0	0	2	0	0	5	1	0	0	3		-7
MILL:	14	0	1	2	0	0	15	3	0	0	3		-18
PULS:	83	2	0	2	0	0	3	0	0	0	3		-2
GROU:	30	3	1	2	0	0	7	1	0	0	3		-5
SESA:	8	0	0	2	0	0	3	1	0	0	3		-5

Angola

Table 3 The K2O-balance per crop and Land Use System for Angola, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4422	300	2027	5727	0	794	19141	7403	5132	0	11214	2847	-31195 (TON/CTY)
LR TOTAL	200	0	270	76	0	0	80	601	132	0	300	160	-607 (TON/LWC)
LR-L.1 TOTAL	40	0	7	2	0	0	2	15	3	0	7		-18 (KG/HA)
MAIZ:	3	0	3	2	0	0	2	6	3	0	8		-14 (KG/HA)
MILL:	33	0	8	2	0	0	2	17	4	0	8		-21 (KG/HA)
PULS:	4	0	1	2	0	0	3	2	2	0	8		-12 (KG/HA)
FALLOW:	160											1	(KG/HA)
UR TOTAL	658	7	579	246	0	0	708	1339	434	0	784	579	-1854
UR-L.1 TOTAL	60	0	10	3	0	0	3	21	6	0	10		-27
MAIZ:	30	0	3	3	0	0	2	6	5	0	10		-17
MILL:	23	0	21	3	0	0	5	46	8	0	10		-45
PULS:	6	0	2	3	0	0	4	4	5	0	10		-18
GROU:	1	0	4	3	0	0	5	9	5	0	10		-22
UR-L.2 TOTAL	15	0	0	3	0	0	32	4	0	0	7		-40
SPOT:	1	0	0	3	0	0	84	6	0	0	8		-95
CASS:	7	1	0	3	0	0	48	3	0	0	8		-55
VEGE:	5	0	0	3	0	0	9	4	1	0	8		-19
FRUI:	1	0	0	3	0	0	14	5	0	0	8		-24
SUNF:	1	0	0	3	0	0	3	4	2	0	8		-14
UR-L.3 TOTAL	4	0	0	3	0	0	5	0	12	0	10		-24
COTT:	4	0	0	3	0	0	5	0	12	0	10		-24
FALLOW:	579											1	
GR TOTAL	2897	108	1178	4195	0	0	12112	4443	3673	0	7312	1796	-20263
GR-L.1 TOTAL	596	0	2	4	0	0	3	4	4	0	7		-12
WHEA:	14	0	3	4	0	0	4	6	3	0	8		-14
MAIZ:	447	0	2	4	0	0	3	4	4	0	8		-13
MILL:	14	0	11	4	0	0	7	25	1	0	8		-26
PULS:	83	0	1	4	0	0	5	2	4	0	8		-14
GROU:	30	0	2	4	0	0	5	4	3	0	8		-14
SESA:	8	0	1	4	0	0	2	2	4	0	8		-11

Angola

Table 4 The N-balance per crop and Land Use System for Angola, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5287	5900	1390	9659	12148	963	37079	9383	7647	18546	19992	6389	-56198 (TON/CTY)
LR TOTAL	125	18	163	133	209	0	420	361	148	404	550	140	-1220 (TON/LWC)
LR-L.1 TOTAL	55	0	3	2	4	0	8	7	3	7	10		-26 (KG/HA)
MAIZ:	5	0	2	2	3	0	7	4	3	7	10		-24 (KG/HA)
MILL:	44	0	3	2	3	0	8	7	3	7	10		-27 (KG/HA)
PULS:	6	0	1	2	10	0	8	3	3	7	10		-18 (KG/HA)
FALLOW:	70											2	(KG/HA)
UR TOTAL	1036	238	333	451	550	0	2334	928	333	899	1456	1845	-2533
UR-L.1 TOTAL	74	1	5	4	5	0	13	10	4	9	14		-35
MAIZ:	35	0	2	4	4	0	10	5	4	9	14		-32
MILL:	31	1	7	4	4	0	17	17	4	9	14		-45
PULS:	7	1	2	4	15	0	12	5	4	9	14		-22
GROU:	1	1	3	4	21	0	19	7	4	9	14		-24
UR-L.2 TOTAL	35	5	0	4	4	0	37	5	0	4	10		-43
SPOT:	10	3	0	4	4	0	47	3	0	4	10		-53
CASS:	16	8	0	4	4	0	36	9	0	3	10		-42
VEGE:	6	2	0	4	4	0	33	2	1	6	10		-42
FRUI:	1	4	0	4	4	0	15	2	3	8	10		-26
SUNF:	2	2	0	4	4	0	14	2	3	8	10		-27
UR-L.3 TOTAL	5	5	0	4	4	0	11	0	4	19	14		-35
COTT:	5	5	0	4	4	0	11	0	4	19	14		-35
FALLOW:	922											2	
GR TOTAL	3300	3631	894	6882	8887	0	24539	5556	5469	12980	12740	3762	-37228
GR-L.1 TOTAL	799	1	1	5	7	0	12	2	4	9	10		-23
WHEA:	27	0	0	5	5	0	18	1	4	9	10		-32
MAIZ:	599	0	1	5	5	0	12	2	4	9	10		-26
MILL:	18	2	4	5	5	0	23	9	2	7	10		-35
PULS:	117	2	1	5	16	0	12	2	5	10	10		-15
GROU:	30	3	1	5	22	0	19	3	4	9	10		-14
SESA:	8	0	0	5	5	0	6	1	5	10	10		-22

Angola

Table 5 The P205-balance per crop and Land Use System for Angola, 2000

	AREA 000 HA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
TOTAL	5287	5600	612	3657	0	263	15138	4922	0	0	6148	6389	-9687 (TON/CTY)
LR TOTAL	125	21	64	50	0	0	279	142	0	0	206	140	-352 (TON/LWC)
LR-L.1 TOTAL	55	0	1	1	0	0	5	3	0	0	4		-10 (KG/HA)
MAIZ:	5	0	1	1	0	0	4	2	0	0	4		-8 (KG/HA)
MILL:	44	0	1	1	0	0	5	3	0	0	4		-10 (KG/HA)
PULS:	6	1	0	1	0	0	3	1	0	0	4		-6 (KG/HA)
FALLOW:	70											2	(KG/HA)
UR TOTAL	1036	231	138	171	0	0	1072	431	0	0	546	1845	336
UR-L.1 TOTAL	74	1	2	1	0	0	8	4	0	0	5		-13
MAIZ:	35	0	1	1	0	0	6	3	0	0	5		-12
MILL:	31	1	3	1	0	0	12	7	0	0	5		-19
PULS:	7	3	0	1	0	0	5	1	0	0	5		-7
GROU:	1	1	1	1	0	0	7	3	0	0	5		-12
UR-L.2 TOTAL	35	5	0	1	0	0	11	4	0	0	4		-13
SPOT:	10	3	0	1	0	0	17	4	0	0	4		-21
CASS:	16	8	0	1	0	0	9	5	0	0	4		-9
VEGE:	6	1	0	1	0	0	8	2	0	0	4		-12
FRUI:	1	4	0	1	0	0	4	1	0	0	4		-4
SUNF:	2	2	0	1	0	0	5	1	0	0	4		-7
UR-L.3 TOTAL	5	2	0	1	0	0	13	0	0	0	5		-15
COTT:	5	2	0	1	0	0	13	0	0	0	5		-15
FALLOW:	922											2	
GR TOTAL	3300	3499	410	2605	0	0	10076	2978	0	0	3822	3762	-6600
GR-L.1 TOTAL	799	1	1	2	0	0	7	1	0	0	3		-7
WHEA:	27	0	0	2	0	0	8	1	0	0	3		-10
MAIZ:	599	0	1	2	0	0	7	1	0	0	3		-8
MILL:	18	2	2	2	0	0	16	4	0	0	3		-17
PULS:	117	5	0	2	0	0	5	0	0	0	3		-1
GROU:	30	3	1	2	0	0	7	1	0	0	3		-5
SESA:	8	0	0	2	0	0	3	1	0	0	3		-5

Angola

Table 6 The K2O-balance per crop and Land Use System for Angola, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5287	401	3573	7590	0	1000	31767	12594	6261	0	14994	3194	-49858 (TON/CTY)
LR TOTAL	125	0	490	105	0	0	158	1089	201	0	412	70	-1195 (TON/LWC)
LR-L.1 TOTAL	55	0	9	2	0	0	3	20	4	0	7		-23 (KG/HA)
MAIZ:	5	0	4	2	0	0	2	9	3	0	8		-16 (KG/HA)
MILL:	44	0	10	2	0	0	3	23	4	0	8		-26 (KG/HA)
PULS:	6	0	2	2	0	0	5	5	2	0	8		-16 (KG/HA)
FALLOW:	70											1	(KG/HA)
UR TOTAL	1036	9	954	355	0	0	2044	2260	576	0	1092	922	-3732
UR-L.1 TOTAL	74	0	13	3	0	0	5	29	7	0	10		-35
MAIZ:	35	0	6	3	0	0	3	13	6	0	10		-23
MILL:	31	0	23	3	0	0	6	52	9	0	10		-51
PULS:	7	0	3	3	0	0	8	7	5	0	10		-24
GROU:	1	0	4	3	0	0	5	9	5	0	10		-22
UR-L.2 TOTAL	35	0	0	3	0	0	47	4	0	0	7		-55
SPOT:	10	0	0	3	0	0	85	6	0	0	8		-96
CASS:	16	1	0	3	0	0	44	2	0	0	8		-50
VEGE:	6	0	0	3	0	0	11	5	0	0	8		-21
FRUI:	1	0	0	3	0	0	18	7	0	0	8		-30
SUNF:	2	0	0	3	0	0	4	4	1	0	8		-14
UR-L.3 TOTAL	5	0	0	3	0	0	6	0	14	0	10		-27
COTT:	5	0	0	3	0	0	6	0	14	0	10		-27
FALLOW:	922											1	
GR TOTAL	3300	100	2129	5407	0	0	19270	7486	4438	0	9555	1881	-31232
GR-L.1 TOTAL	799	0	3	4	0	0	5	6	3	0	7		-14
WHEA:	27	0	3	4	0	0	6	8	3	0	8		-18
MAIZ:	599	0	3	4	0	0	4	6	3	0	8		-14
MILL:	18	0	12	4	0	0	8	28	1	0	8		-29
PULS:	117	0	1	4	0	0	8	3	3	0	8		-17
GROU:	30	0	2	4	0	0	5	4	3	0	8		-14
SESA:	8	0	1	4	0	0	2	2	4	0	8		-11

Benin

Table 7 The N-balance per crop and Land Use System for Benin, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2972	2704	828	5469	7812	178	18803	2502	4587	11966	24210	3689	-41388 (TON/CTY)
LR TOTAL	5	0	19	19	15	0	87	42	13	19	50	0	-158 (TON/LWC)
LR-L.1 TOTAL	5	0	4	4	3	0	17	8	3	4	10		-31 (KG/HA)
MILL:	2	0	3	4	3	0	8	7	4	5	10		-24 (KG/HA)
SESA:	3	0	4	4	3	0	24	9	2	3	10		-37 (KG/HA)
UR TOTAL	203	195	232	359	438	0	1052	413	417	785	2260	243	-3460
UR-L.1 TOTAL	61	1	3	4	6	0	9	6	5	9	30		-45
MAIZ:	13	0	3	4	4	0	12	6	5	9	30		-51
MILL:	9	0	5	4	4	0	12	11	5	9	30		-54
SORG:	26	2	2	4	4	0	7	5	6	10	30		-46
OTHC:	2	0	1	4	4	0	3	2	5	10	30		-41
PULS:	8	1	2	4	13	0	10	4	5	9	30		-38
GROU:	3	2	3	4	18	0	15	6	5	9	30		-38
UR-L.2 TOTAL	17	3	4	4	4	0	25	3	4	8	20		-45
SPOT:	9	2	4	4	4	0	31	3	3	7	20		-50
CASS:	2	1	4	4	4	0	22	7	2	6	20		-44
VEGE:	2	3	4	4	4	0	41	3	2	6	20		-57
FRUI:	2	7	4	4	4	0	10	2	7	11	20		-31
OILC:	2	4	4	4	4	0	1	0	8	12	20		-25
UR-H.1 TOTAL	3	27	0	4	4	0	15	0	11	25	30		-46
COTT:	3	27	0	4	4	0	15	0	11	25	30		-46
FALLOW:	121											2	(KG/HA)
GR TOTAL	1698	2194	577	3705	5683	0	13493	1360	2900	7204	18200	1868	-29130
GR-L.1 TOTAL	556	1	0	5	8	0	13	0	4	9	25		-37
MAIZ:	391	0	0	5	5	0	12	0	4	9	25		-40
SORG:	32	3	0	5	5	0	12	1	4	9	25		-38
OTHC:	7	0	0	5	5	0	7	0	4	9	25		-35
PULS:	63	1	0	5	14	0	10	0	5	9	25		-29
GROU:	63	3	0	5	25	0	22	1	3	8	25		-26

Benin

Table 8 The P205-balance per crop and Land Use System for Benin, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2972	1602	437	2071	0	71	8799	1725	0	0	7709	3689	-10363 (TON/CTY)
LR TOTAL	5	0	13	7	0	0	45	28	0	0	15	0	-68 (TON/LWC)
LR-L.1 TOTAL	5	0	3	1	0	0	9	6	0	0	3		-14 (KG/HA)
MILL:	2	0	1	1	0	0	5	3	0	0	3		-9 (KG/HA)
SESA:	3	0	3	1	0	0	11	7	0	0	3		-17 (KG/HA)
UR TOTAL	203	117	135	136	0	0	571	270	0	0	847	243	-1057
UR-L.1 TOTAL	61	1	2	2	0	0	6	4	0	0	11		-16
MAIZ:	13	0	1	2	0	0	7	3	0	0	11		-18
MILL:	9	0	2	2	0	0	8	4	0	0	11		-19
SORG:	26	1	2	2	0	0	6	5	0	0	11		-17
OTHC:	2	0	0	2	0	0	2	1	0	0	11		-12
PULS:	8	2	0	2	0	0	4	1	0	0	11		-12
GROU:	3	2	1	2	0	0	5	2	0	0	11		-13
UR-L.2 TOTAL	17	2	2	2	0	0	8	3	0	0	7		-12
SPOT:	9	1	2	2	0	0	12	4	0	0	8		-19
CASS:	2	1	2	2	0	0	6	4	0	0	8		-13
VEGE:	2	3	2	2	0	0	10	3	0	0	8		-14
FRUI:	2	4	2	2	0	0	3	1	0	0	8		-4
OILC:	2	4	2	2	0	0	1	0	0	0	8		-1
UR-H.1 TOTAL	3	10	0	2	0	0	18	0	0	0	11		-17
COTT:	3	10	0	2	0	0	18	0	0	0	11		-17
FALLOW:	121											2	(KG/HA)
GR TOTAL	1698	1273	289	1403	0	0	6611	1040	0	0	5460	1868	-8278
GR-L.1 TOTAL	556	1	0	2	0	0	7	0	0	0	7		-11
MAIZ:	391	0	0	2	0	0	7	0	0	0	8		-13
SORG:	32	2	0	2	0	0	10	1	0	0	8		-15
OTHC:	7	0	0	2	0	0	4	0	0	0	8		-10
PULS:	63	3	0	2	0	0	4	0	0	0	8		-7
GROU:	63	3	0	2	0	0	8	0	0	0	8		-11

Benin

Table 9 The K20-balance per crop and Land Use System for Benin, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2972	503	1496	4296	0	163	14480	3735	4180	0	18157	1844	-32249 (TON/CTY)
LR TOTAL	5	0	41	15	0	0	25	92	20	0	37	0	-118 (TON/LWC)
LR-L.1 TOTAL	5	0	8	3	0	0	5	18	4	0	7		-23 (KG/HA)
MILL:	2	0	10	3	0	0	3	23	5	0	8		-26 (KG/HA)
SESA:	3	0	7	3	0	0	6	15	4	0	8		-23 (KG/HA)
UR TOTAL	203	7	548	282	0	0	865	1052	513	0	1695	122	-3166
UR-L.1 TOTAL	61	0	7	3	0	0	3	16	7	0	22		-38
MAIZ:	13	0	7	3	0	0	4	15	7	0	23		-39
MILL:	9	0	16	3	0	0	4	35	8	0	23		-51
SORG:	26	0	7	3	0	0	2	15	7	0	23		-37
OTHC:	2	0	3	3	0	0	1	6	6	0	23		-30
PULS:	8	0	3	3	0	0	7	6	6	0	23		-36
GROU:	3	0	3	3	0	0	4	7	6	0	23		-34
UR-L.2 TOTAL	17	0	6	3	0	0	37	5	3	0	15		-51
SPOT:	9	1	7	3	0	0	57	5	1	0	15		-67
CASS:	2	0	7	3	0	0	27	2	5	0	15		-39
VEGE:	2	0	7	3	0	0	14	9	3	0	15		-31
FRUI:	2	0	7	3	0	0	12	6	5	0	15		-28
OILC:	2	0	7	3	0	0	3	1	8	0	15		-17
UR-H.1 TOTAL	3	0	0	3	0	0	9	0	15	0	22		-43
COTT:	3	0	0	3	0	0	9	0	15	0	23		-44
FALLOW:	121											1	(KG/HA)
GR TOTAL	1698	93	907	2911	0	0	10802	1933	2106	0	13650	934	-23646
GR-L.1 TOTAL	556	0	0	4	0	0	4	1	2	0	19		-22
MAIZ:	391	0	0	4	0	0	4	1	2	0	19		-22
SORG:	32	0	0	4	0	0	4	2	1	0	19		-22
OTHC:	7	0	0	4	0	0	2	1	3	0	19		-21
PULS:	63	0	0	4	0	0	7	0	3	0	19		-25
GROU:	63	0	0	4	0	0	6	1	2	0	19		-24

Benin

Table 10 The N-balance per crop and Land Use System for Benin, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	3368	7914	1011	6413	11249	401	34108	4250	5213	13759	27260	4095	-53507 (TON/CTY)
LR TOTAL	6	0	21	22	18	0	86	46	17	24	60	0	-172 (TON/LWC)
LR-L.1 TOTAL	6	0	3	4	3	0	14	8	3	4	10		-29 (KG/HA)
MILL:	3	0	3	4	3	0	8	7	4	5	10		-24 (KG/HA)
SESA:	3	0	4	4	3	0	21	8	2	3	10		-33 (KG/HA)
UR TOTAL	274	382	304	412	522	0	1485	550	495	909	2570	361	-4028
UR-L.1 TOTAL	68	3	3	4	6	0	11	7	6	10	30		-48
MAIZ:	14	3	4	4	4	0	15	8	5	10	30		-53
MILL:	11	0	5	4	4	0	12	11	5	9	30		-54
SORG:	29	4	3	4	4	0	9	6	6	10	30		-46
OTHC:	1	0	2	4	4	0	8	5	5	9	30		-47
PULS:	9	2	2	4	13	0	10	4	5	10	30		-38
GROU:	4	3	3	4	21	0	19	7	5	9	30		-39
UR-L.2 TOTAL	22	5	4	4	4	0	31	3	4	8	20		-49
SPOT:	13	3	4	4	4	0	40	4	2	6	20		-57
CASS:	2	3	4	4	4	0	24	8	2	6	20		-45
VEGE:	2	9	4	4	4	0	42	3	4	8	20		-56
FRUI:	2	11	4	4	4	0	10	2	8	12	20		-29
OILC:	3	7	4	4	4	0	2	0	9	13	20		-25
UR-H.1 TOTAL	3	21	0	4	4	0	13	0	10	22	30		-46
COTT:	3	21	0	4	4	0	13	0	10	22	30		-46
FALLOW:	181											2	(KG/HA)
GR TOTAL	1914	5489	686	3991	7902	0	22318	2175	2844	7173	19490	2182	-33750
GR-L.1 TOTAL	590	5	0	5	11	0	22	1	4	8	25		-39
MAIZ:	383	6	0	5	5	0	22	1	4	8	25		-44
SORG:	40	7	0	5	5	0	17	1	5	9	25		-40
OTHC:	5	0	0	5	5	0	13	1	3	8	25		-40
PULS:	66	4	0	5	18	0	14	0	5	9	25		-26
GROU:	96	5	0	5	36	0	33	1	2	7	25		-22

Benin

Table 11 The P205-balance per crop and Land Use System for Benin, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	3368	4011	534	2427	0	254	14951	2857	0	0	8756	4095	-15243 (TON/CTY)
LR TOTAL	6	0	13	8	0	0	46	28	0	0	18	0	-71 (TON/LWC)
LR-L.1 TOTAL	6	0	2	1	0	0	8	5	0	0	3		-13 (KG/HA)
MILL:	3	0	1	1	0	0	5	3	0	0	3		-9 (KG/HA)
SESA:	3	0	3	1	0	0	10	7	0	0	3		-16 (KG/HA)
UR TOTAL	274	221	178	156	0	0	778	373	0	0	964	361	-1199
UR-L.1 TOTAL	68	2	2	2	0	0	7	4	0	0	11		-16
MAIZ:	14	1	2	2	0	0	8	4	0	0	11		-18
MILL:	11	0	2	2	0	0	8	4	0	0	11		-19
SORG:	29	3	3	2	0	0	8	6	0	0	11		-17
OTHC:	1	0	1	2	0	0	5	2	0	0	11		-15
PULS:	9	4	0	2	0	0	4	1	0	0	11		-10
GROU:	4	3	1	2	0	0	7	3	0	0	11		-15
UR-L.2 TOTAL	22	3	2	2	0	0	11	3	0	0	7		-14
SPOT:	13	2	2	2	0	0	15	5	0	0	8		-22
CASS:	2	2	2	2	0	0	6	4	0	0	8		-12
VEGE:	2	5	2	2	0	0	10	3	0	0	8		-12
FRUI:	2	5	2	2	0	0	3	1	0	0	8		-3
OILC:	3	4	2	2	0	0	1	0	0	0	8		-1
UR-H.1 TOTAL	3	6	0	2	0	0	16	0	0	0	11		-19
COTT:	3	6	0	2	0	0	16	0	0	0	11		-19
FALLOW:	181											2	(KG/HA)
GR TOTAL	1914	2863	343	1511	0	0	10313	1615	0	0	5847	2182	-10876
GR-L.1 TOTAL	590	3	0	2	0	0	12	0	0	0	7		-14
MAIZ:	383	2	0	2	0	0	12	0	0	0	8		-16
SORG:	40	5	0	2	0	0	15	1	0	0	8		-17
OTHC:	5	0	0	2	0	0	8	0	0	0	8		-14
PULS:	66	6	0	2	0	0	5	0	0	0	8		-5
GROU:	96	4	0	2	0	0	12	0	0	0	8		-14

Benin

Table 12 The K20-balance per crop and Land Use System for Benin, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	3368	1304	1841	5040	0	584	24403	6394	3504	0	20444	2048	-43927 (TON/CTY)
LR TOTAL	6	0	49	17	0	0	25	109	24	0	45	0	-137 (TON/LWC)
LR-L.1 TOTAL	6	0	8	3	0	0	4	18	4	0	7		-22 (KG/HA)
MILL:	3	0	10	3	0	0	3	23	5	0	8		-26 (KG/HA)
SESA:	3	0	6	3	0	0	6	13	3	0	8		-21 (KG/HA)
UR TOTAL	274	23	714	324	0	0	1381	1391	572	0	1927	181	-4029
UR-L.1 TOTAL	68	0	8	3	0	0	4	19	7	0	22		-41
MAIZ:	14	0	9	3	0	0	5	19	7	0	23		-42
MILL:	11	0	16	3	0	0	4	35	8	0	23		-51
SORG:	29	0	8	3	0	0	3	18	7	0	23		-40
OTHC:	1	0	7	3	0	0	3	14	7	0	23		-37
PULS:	9	0	3	3	0	0	7	6	6	0	23		-36
GROU:	4	1	4	3	0	0	5	9	6	0	23		-35
UR-L.2 TOTAL	22	1	6	3	0	0	49	6	2	0	15		-62
SPOT:	13	1	7	3	0	0	74	7	0	0	15		-85
CASS:	2	0	7	3	0	0	29	2	5	0	15		-41
VEGE:	2	0	7	3	0	0	15	9	3	0	15		-32
FRUI:	2	3	7	3	0	0	12	6	6	0	15		-26
OILC:	3	0	7	3	0	0	3	1	8	0	15		-17
UR-H.1 TOTAL	3	0	0	3	0	0	8	0	14	0	22		-41
COTT:	3	0	0	3	0	0	8	0	14	0	23		-42
FALLOW:	181											1	(KG/HA)
GR TOTAL	1914	379	1078	3136	0	0	16501	3175	1053	0	14617	1091	-29662
GR-L.1 TOTAL	590	0	0	4	0	0	8	2	1	0	19		-26
MAIZ:	383	0	0	4	0	0	7	2	0	0	19		-24
SORG:	40	0	0	4	0	0	5	2	0	0	19		-22
OTHC:	5	0	0	4	0	0	5	2	1	0	19		-23
PULS:	66	0	0	4	0	0	9	1	2	0	19		-27
GROU:	96	1	0	4	0	0	9	1	2	0	19		-26

Botswana

Table 13 The N-balance per crop and Land Use System for Botswana, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1413	450	112	296	620	30	773	258	448	940	1020	2615	684 (TON/CTY)
LR TOTAL	1400	200	112	274	598	0	552	249	366	788	980	2604	853 (TON/LWC)
LR-L.1 TOTAL	94	2	1	3	6	0	6	3	4	8	10		-19 (KG/HA)
MAIZ:	19	0	2	3	3	0	7	4	3	7	10		-23 (KG/HA)
MILL:	6	0	1	3	3	0	2	2	4	8	10		-19 (KG/HA)
SORG:	36	0	0	3	3	0	1	1	4	8	10		-18 (KG/HA)
PULS:	30	7	2	3	12	0	10	4	5	9	10		-14 (KG/HA)
GROU:	3	0	2	3	13	0	11	4	3	7	10		-17 (KG/HA)
LR-L.2 TOTAL	4	0	0	3	3	0	7	1	3	7	10		-22
VEGE:	1	0	0	3	3	0	9	1	3	7	10		-24
FRUI:	3	0	1	3	3	0	6	1	3	7	10		-20
FALLOW:	1302											2	(KG/HA)
UR TOTAL	10	0	0	14	16	0	36	4	11	25	40	11	-75
UR-L.1 TOTAL	4	0	0	3	4	0	9	1	3	6	10		-22
OTHR:	1	0	0	3	4	0	29	2	0	3	10		-37
SUNF:	3	0	0	3	4	0	2	0	4	7	10		-16
FALLOW:	6											2	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	3	250	0	8	6	30	185	5	71	127	0	0	-94
IR-H.1 TOTAL	2	0	0	3	2	10	67	2	0	7	0		-61
VEGE:	2	0	0	3	2	10	68	2	0	7	0		-62
IR-H.2 TOTAL	1	250	0	3	2	10	50	0	71	114	0		30
COTT:	1	250	0	3	2	10	50	0	71	114	0		30

Botswana

Table 14 The P205-balance per crop and Land Use System for Botswana, 1983

	AREA 000 HA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
TOTAL	1413	425	48	112	0	9	359	113	0	0	379	2615	2358 (TON/CTY)
LR TOTAL	1400	300	48	104	0	0	261	106	0	0	367	2604	2322 (TON/LWC)
LR-L.1 TOTAL	94	3	1	1	0	0	3	1	0	0	4		-3 (KG/HA)
MAIZ:	19	0	1	1	0	0	4	2	0	0	4		-8 (KG/HA)
MILL:	6	0	0	1	0	0	1	1	0	0	4		-5 (KG/HA)
SORG:	36	0	0	1	0	0	1	1	0	0	4		-5 (KG/HA)
PULS:	30	10	0	1	0	0	4	1	0	0	4		2 (KG/HA)
GROU:	3	0	1	1	0	0	4	2	0	0	4		-8 (KG/HA)
LR-L.2 TOTAL	4	0	0	1	0	0	2	0	0	0	4		-5
VEGE:	1	0	0	1	0	0	2	1	0	0	4		-6
FRUI:	3	0	0	1	0	0	2	0	0	0	4		-5
FALLOW:	1302											2	(KG/HA)
UR TOTAL	10	0	0	5	0	0	7	2	0	0	12	11	-5
UR-L.1 TOTAL	4	0	0	1	0	0	2	0	0	0	3		-4
OTHR:	1	0	0	1	0	0	4	1	0	0	3		-7
SUNF:	3	0	0	1	0	0	1	0	0	0	3		-3
FALLOW:	6											2	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	3	125	0	3	0	9	91	5	0	0	0	0	41
IR-H.1 TOTAL	2	0	0	1	0	3	16	2	0	0	0		-14
VEGE:	2	0	0	1	0	3	16	2	0	0	0		-14
IR-H.2 TOTAL	1	125	0	1	0	3	60	0	0	0	0		69
COTT:	1	125	0	1	0	3	60	0	0	0	0		69

Botswana

Table 15 The K20-balance per crop and Land Use System for Botswana, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1413	300	229	234	0	15	397	531	461	0	765	1308	-68 (TON/CTY)
LR TOTAL	1400	300	229	216	0	0	297	509	421	0	735	1302	85 (TON/LWC)
LR-L.1 TOTAL	94	3	2	2	0	0	3	5	4	0	7		-12 (KG/HA)
MAIZ:	19	0	4	2	0	0	2	9	3	0	8		-16 (KG/HA)
MILL:	6	0	3	2	0	0	1	6	3	0	8		-13 (KG/HA)
SORG:	36	0	1	2	0	0	0	3	3	0	8		-11 (KG/HA)
PULS:	30	10	3	2	0	0	7	6	8	0	8		-14 (KG/HA)
GROU:	3	0	2	2	0	0	3	5	3	0	8		-15 (KG/HA)
LR-L.2 TOTAL	4	0	1	2	0	0	6	3	1	0	7		-14
VEGE:	1	0	1	2	0	0	3	2	2	0	8		-12
FRUI:	3	0	2	2	0	0	7	4	1	0	8		-16
FALLOW:	1302											1	(KG/HA)
UR TOTAL	10	0	0	11	0	0	24	8	6	0	30	6	-51
UR-L.1 TOTAL	4	0	0	3	0	0	6	2	1	0	7		-13
OTHR:	1	0	0	3	0	0	22	5	0	0	8		-32
SUNF:	3	0	0	3	0	0	1	1	2	0	8		-9
FALLOW:	6											1	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	3	0	0	7	0	15	76	14	34	0	0	0	-102
IR-H.1 TOTAL	2	0	0	2	0	5	23	7	0	0	0		-23
VEGE:	2	0	0	2	0	5	23	7	0	0	0		-23
IR-H.2 TOTAL	1	0	0	2	0	5	29	0	34	0	0		-56
COTT:	1	0	0	2	0	5	29	0	34	0	0		-56

Botswana

Table 16 The N-balance per crop and Land Use System for Botswana, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1561	2128	517	736	1489	70	2770	1174	1298	2549	2540	2600	-2790 (TON/CTY)
LR TOTAL	1544	1428	517	692	1447	0	2137	1148	1126	2189	2470	2594	-2392 (TON/LWC)
LR-L.1 TOTAL	240	5	2	3	6	0	9	5	4	9	10		-21 (KG/HA)
MAIZ:	43	2	3	3	3	0	12	6	3	8	10		-28 (KG/HA)
MILL:	17	0	2	3	3	0	4	4	3	8	10		-21 (KG/HA)
SORG:	125	6	2	3	3	0	6	4	5	9	10		-20 (KG/HA)
PULS:	51	8	2	3	16	0	14	5	5	9	10		-14 (KG/HA)
GROU:	4	0	3	3	17	0	15	6	2	7	10		-17 (KG/HA)
LR-L.2 TOTAL	7	18	1	3	3	0	10	2	7	12	10		-16
VEGE:	1	4	0	3	3	0	14	1	3	7	10		-25
FRUI:	6	20	1	3	3	0	9	2	8	13	10		-15
FALLOW:	1297											2	(KG/HA)
UR TOTAL	10	0	0	24	28	0	50	10	18	43	70	7	-132
UR-L.1 TOTAL	7	0	0	3	4	0	7	1	3	6	10		-20
SUNF:	7	0	0	3	4	0	7	1	3	6	10		-20
FALLOW:	3											2	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	7	700	0	20	14	70	583	16	154	317	0	0	-266
IR-H.1 TOTAL	5	40	0	3	2	10	91	3	3	16	0		-58
VEGE:	4	50	0	3	2	10	112	4	4	16	0		-71
CITR:	1	0	0	3	2	10	9	0	3	15	0		-12
IR-H.2 TOTAL	2	250	0	3	2	10	64	0	68	120	0		13
COTT:	2	250	0	3	2	10	64	0	68	120	0		13

Botswana

Table 17 The P205-balance per crop and Land Use System for Botswana, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1561	1914	327	278	0	21	1552	745	0	0	947	2600	1897 (TON/CTY)
LR TOTAL	1544	1414	327	262	0	0	1277	726	0	0	926	2594	1668 (TON/LWC)
LR-L.1 TOTAL	240	6	1	1	0	0	5	3	0	0	4		-4 (KG/HA)
MAIZ:	43	2	1	1	0	0	7	3	0	0	4		-10 (KG/HA)
MILL:	17	0	1	1	0	0	3	1	0	0	4		-6 (KG/HA)
SORG:	125	5	2	1	0	0	5	4	0	0	4		-5 (KG/HA)
PULS:	51	14	1	1	0	0	5	1	0	0	4		6 (KG/HA)
GROU:	4	0	1	1	0	0	5	2	0	0	4		-9 (KG/HA)
LR-L.2 TOTAL	7	1	0	1	0	0	2	1	0	0	4		-5
VEGE:	1	4	0	1	0	0	3	1	0	0	4		-3
FRUI:	6	0	0	1	0	0	2	0	0	0	4		-5
FALLOW:	1297											2	(KG/HA)
UR TOTAL	10	0	0	9	0	0	17	3	0	0	21	7	-25
UR-L.1 TOTAL	7	0	0	1	0	0	2	0	0	0	3		-4
SUNF:	7	0	0	1	0	0	2	0	0	0	3		-4
FALLOW:	3											2	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	7	500	0	7	0	21	258	16	0	0	0	0	254
IR-H.1 TOTAL	5	40	0	1	0	3	21	3	0	0	0		20
VEGE:	4	50	0	1	0	3	26	4	0	0	0		24
CITR:	1	0	0	1	0	3	3	0	0	0	0		1
IR-H.2 TOTAL	2	150	0	1	0	3	75	0	0	0	0		79
COTT:	2	150	0	1	0	3	75	0	0	0	0		79

Botswana

Table 18 The K20-balance per crop and Land Use System for Botswana, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1561	1240	1261	577	0	35	1234	2873	1455	0	1904	1300	-3053 (TON/CTY)
LR TOTAL	1544	940	1261	543	0	0	979	2803	1268	0	1852	1297	-2861 (TON/LWC)
LR-L.1 TOTAL	240	3	5	2	0	0	4	12	5	0	7		-18 (KG/HA)
MAIZ:	43	0	7	2	0	0	4	15	4	0	8		-22 (KG/HA)
MILL:	17	0	5	2	0	0	1	12	4	0	8		-18 (KG/HA)
SORG:	125	1	5	2	0	0	2	12	4	0	8		-18 (KG/HA)
PULS:	51	14	4	2	0	0	9	8	9	0	8		-14 (KG/HA)
GROU:	4	0	3	2	0	0	4	7	3	0	8		-17 (KG/HA)
LR-L.2 TOTAL	7	18	2	2	0	0	10	5	9	0	7		-9
VEGE:	1	6	1	2	0	0	5	3	4	0	8		-11
FRUI:	6	20	2	2	0	0	11	5	10	0	8		-10
FALLOW:	1297											1	(KG/HA)
UR TOTAL	10	0	0	19	0	0	14	21	5	0	52	3	-70
UR-L.1 TOTAL	7	0	0	3	0	0	2	3	1	0	7		-10
SUNF:	7	0	0	3	0	0	2	3	1	0	8		-11
FALLOW:	3											1	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	7	300	0	15	0	35	241	49	182	0	0	0	-122
IR-H.1 TOTAL	5	60	0	2	0	5	34	10	20	0	0		3
VEGE:	4	75	0	2	0	5	38	12	25	0	0		7
CITR:	1	0	0	2	0	5	14	3	0	0	0		-10
IR-H.2 TOTAL	2	0	0	2	0	5	37	0	42	0	0		-72
COTT:	2	0	0	2	0	5	37	0	42	0	0		-72

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Table 19 The N-balance per crop and Land Use System for Burkina Faso, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	6691	3516	7716	14003	19832	549	28072	14613	16581	33884	54560	6702	-95392 (TON/CTY)
LR TOTAL	593	72	520	1303	1684	0	1721	1159	1680	4018	7940	391	-12548 (TON/LWC)
LR-L.1 TOTAL	395	0	1	3	4	0	4	3	4	10	20		-33 (KG/HA)
MAIZ:	3	0	1	3	3	0	3	2	4	10	20		-32 (KG/HA)
MILL:	153	0	2	3	3	0	4	4	4	10	20		-34 (KG/HA)
SORG:	117	0	1	3	3	0	4	3	4	10	20		-34 (KG/HA)
OTHC:	3	0	1	3	3	0	5	3	4	10	20		-35 (KG/HA)
PULS:	96	0	1	3	7	0	4	2	4	10	20		-29 (KG/HA)
GROU:	14	0	2	3	13	0	11	4	4	9	20		-30 (KG/HA)
SESA:	9	0	1	3	3	0	3	1	4	10	20		-31 (KG/HA)
LR-L.2 TOTAL	2	1	0	3	3	0	16	2	3	9	20		-43
VEGE:	1	0	0	3	3	0	24	2	1	7	20		-48
FRUI:	1	3	0	3	3	0	8	1	4	10	20		-34
FALLOW:	196											2	(KG/HA)
UR TOTAL	3996	1812	5299	8620	12312	0	18788	11775	9706	20526	21460	3756	-50456
UR-L.1 TOTAL	1747	1	3	4	6	0	10	7	5	9	10		-27
MAIZ:	61	1	2	4	4	0	8	4	5	9	10		-25
MILL:	574	0	4	4	4	0	10	9	4	9	10		-30
SORG:	715	1	3	4	4	0	9	6	5	9	10		-27
OTHC:	7	0	2	4	4	0	8	5	4	9	10		-26
PULS:	260	1	1	4	11	0	8	3	5	9	10		-18
GROU:	114	1	3	4	21	0	19	7	4	8	10		-19
SESA:	16	0	1	4	4	0	6	2	5	9	10		-23
UR-L.2 TOTAL	315	1	0	4	4	0	4	0	5	10	10		-20
SPOT:	15	0	1	4	4	0	18	2	3	8	10		-32
CASS:	5	0	5	4	4	0	28	11	0	4	10		-40
OTHR:	1	0	1	4	4	0	24	3	2	7	10		-37
VEGE:	12	0	1	4	4	0	37	3	1	5	10		-47
FRUI:	4	9	1	4	4	0	14	3	6	10	10		-25
OILC:	276	1	0	4	4	0	1	0	5	10	10		-17
TOBA:	2	0	0	4	4	0	34	0	2	7	10		-45
UR-L.3 TOTAL	28	8	0	4	4	0	19	0	4	25	10		-42
COTT:	28	8	0	4	4	0	19	0	4	25	10		-42

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Table 20 The P205-balance per crop and Land Use System for Burkina Faso, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	6691	3605	4477	5300	0	148	18883	8867	0	0	20237	6702	-27755 (TON/CTY)
LR TOTAL	593	111	291	493	0	0	1104	649	0	0	2977	391	-3444 (TON/LNC)
LR-L.1 TOTAL	395	0	1	1	0	0	3	2	0	0	7		-10 (KG/HA)
MAIZ:	3	0	0	1	0	0	2	1	0	0	8		-10 (KG/HA)
MILL:	153	0	1	1	0	0	3	1	0	0	8		-10 (KG/HA)
SORG:	117	0	1	1	0	0	4	3	0	0	8		-13 (KG/HA)
OTHC:	3	0	1	1	0	0	3	1	0	0	8		-10 (KG/HA)
PULS:	96	1	0	1	0	0	2	0	0	0	8		-8 (KG/HA)
GROU:	14	0	1	1	0	0	4	2	0	0	8		-12 (KG/HA)
SESA:	9	0	0	1	0	0	1	1	0	0	8		-9 (KG/HA)
LR-L.2 TOTAL	2	0	0	1	0	0	4	1	0	0	7		-11
VEGE:	1	0	0	1	0	0	6	2	0	0	8		-15
FRUI:	1	0	0	1	0	0	2	0	0	0	8		-9
FALLOW:	196											2	(KG/HA)
UR TOTAL	3996	1877	3238	3263	0	0	12881	7196	0	0	8047	3756	-15990
UR-L.1 TOTAL	1747	1	2	2	0	0	6	4	0	0	4		-9
MAIZ:	61	1	1	2	0	0	5	2	0	0	4		-7
MILL:	574	0	2	2	0	0	7	4	0	0	4		-11
SORG:	715	1	3	2	0	0	8	6	0	0	4		-12
OTHC:	7	0	1	2	0	0	5	2	0	0	4		-8
PULS:	260	2	0	2	0	0	3	1	0	0	4		-4
GROU:	114	1	1	2	0	0	7	3	0	0	4		-10
SESA:	16	0	1	2	0	0	3	2	0	0	4		-6
UR-L.2 TOTAL	315	0	0	2	0	0	1	0	0	0	4		-3
SPOT:	15	0	1	2	0	0	7	2	0	0	4		-10
CASS:	5	0	3	2	0	0	7	6	0	0	4		-12
OTHR:	1	0	1	2	0	0	4	1	0	0	4		-6
VEGE:	12	0	1	2	0	0	9	3	0	0	4		-13
FRUI:	4	0	0	2	0	0	4	1	0	0	4		-7
OILC:	276	1	0	2	0	0	0	0	0	0	4		-1
TOBA:	2	0	0	2	0	0	11	0	0	0	4		-13
UR-L.3 TOTAL	28	5	0	2	0	0	22	0	0	0	4		-19
COTT:	28	5	0	2	0	0	22	0	0	0	4		-19

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Table 21 The K20-balance per crop and Land Use System for Burkina Faso, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	6691	2927	19120	11002	0	411	12009	40437	22208	0	40920	3351	-78762 (TON/CTY)
LR TOTAL	593	47	1425	1024	0	0	687	3177	2029	0	5955	196	-9156 (TON/LWC)
LR-L.1 TOTAL	395	0	4	3	0	0	2	8	5	0	15		-23 (KG/HA)
MAIZ:	3	0	2	3	0	0	1	4	5	0	15		-20 (KG/HA)
MILL:	153	0	5	3	0	0	1	12	5	0	15		-25 (KG/HA)
SORG:	117	0	4	3	0	0	1	9	5	0	15		-23 (KG/HA)
OTHC:	3	0	4	3	0	0	2	9	5	0	15		-24 (KG/HA)
PULS:	96	0	1	3	0	0	3	2	5	0	15		-21 (KG/HA)
GROU:	14	1	2	3	0	0	3	5	5	0	15		-22 (KG/HA)
SESA:	9	0	1	3	0	0	1	2	5	0	15		-19 (KG/HA)
LR-L.2 TOTAL	2	4	0	3	0	0	9	5	3	0	15		-25
VEGE:	1	1	0	3	0	0	8	5	2	0	15		-26
FRUI:	1	6	0	3	0	0	9	4	4	0	15		-23
FALLOW:	196											1	(KG/HA)
UR TOTAL	3996	1505	14714	6772	0	0	7859	32698	14079	0	16095	1878	-45862
UR-L.1 TOTAL	1747	0	8	3	0	0	3	19	6	0	7		-24
MAIZ:	61	0	5	3	0	0	3	11	6	0	8		-20
MILL:	574	0	13	3	0	0	3	29	7	0	8		-31
SORG:	715	0	8	3	0	0	3	18	6	0	8		-24
OTHC:	7	0	7	3	0	0	3	14	6	0	8		-21
PULS:	260	0	2	3	0	0	5	5	5	0	8		-18
GROU:	114	2	4	3	0	0	5	9	6	0	8		-19
SESA:	16	0	2	3	0	0	2	4	5	0	8		-14
UR-L.2 TOTAL	315	2	0	3	0	0	4	1	5	0	7		-12
SPOT:	15	5	2	3	0	0	33	4	3	0	8		-38
CASS:	5	15	1	3	0	0	34	3	8	0	8		-34
OTHR:	1	0	2	3	0	0	19	5	2	0	8		-29
VEGE:	12	4	4	3	0	0	13	10	4	0	8		-24
FRUI:	4	17	5	3	0	0	17	11	10	0	8		-21
OILC:	276	1	0	3	0	0	1	0	5	0	8		-10
TOBA:	2	0	0	3	0	0	52	0	0	0	8		-57
UR-L.3 TOTAL	28	6	0	3	0	0	11	0	23	0	7		-32
COTT:	28	6	0	3	0	0	11	0	23	0	8		-33

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Table 22 The N-balance per crop and Land Use System for Burkina Faso, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	7159	10197	11198	15903	25724	1064	47329	23480	18536	38508	62015	6858	-118925 (TON/CTY)
LR TOTAL	614	215	841	1330	1822	0	2631	1873	1670	4055	8100	417	-13704 (TON/LWC)
LR-L.1 TOTAL	403	1	2	3	5	0	6	5	4	10	20		-34 (KG/HA)
MAIZ:	3	2	1	3	3	0	5	3	5	10	20		-34 (KG/HA)
MILL:	146	0	3	3	3	0	8	7	4	10	20		-40 (KG/HA)
SORG:	115	1	2	3	3	0	6	4	4	10	20		-35 (KG/HA)
OTHC:	10	0	1	3	3	0	5	3	4	10	20		-35 (KG/HA)
PULS:	99	0	1	3	7	0	4	2	4	10	20		-29 (KG/HA)
GROU:	18	0	3	3	17	0	15	6	3	9	20		-30 (KG/HA)
SESA:	12	0	1	3	3	0	6	2	4	10	20		-35 (KG/HA)
LR-L.2 TOTAL	2	1	0	3	3	0	21	2	2	8	20		-46
VEGE:	1	0	0	3	3	0	33	2	0	6	20		-55
FRUI:	1	2	0	3	3	0	9	2	4	9	20		-36
FALLOW:	209											2	(KG/HA)
UR TOTAL	4213	4750	8096	9433	15413	0	28816	17992	10598	22675	23615	3791	-62213
UR-L.1 TOTAL	1906	2	4	4	7	0	13	9	4	9	10		-28
MAIZ:	53	5	5	4	4	0	20	11	5	9	10		-37
MILL:	619	1	6	4	4	0	13	13	4	9	10		-34
SORG:	699	3	4	4	4	0	13	9	5	10	10		-32
OTHC:	23	0	3	4	4	0	12	7	4	9	10		-31
PULS:	346	1	2	4	13	0	10	4	5	9	10		-18
GROU:	146	1	4	4	24	0	22	9	3	8	10		-19
SESA:	20	0	1	4	4	0	6	2	5	9	10		-23
UR-L.2 TOTAL	325	1	0	4	4	0	5	1	5	10	10		-22
SPOT:	19	0	1	4	4	0	22	2	2	7	10		-34
CASS:	6	10	6	4	4	0	35	14	1	6	10		-42
OTHR:	1	0	2	4	4	0	37	4	1	5	10		-47
VEGE:	15	0	2	4	4	0	45	4	0	4	10		-53
FRUI:	5	6	2	4	4	0	15	3	5	9	10		-26
OILC:	277	1	0	4	4	0	1	0	6	10	10		-18
TOBA:	2	0	0	4	4	0	50	0	0	5	10		-57
UR-L.3 TOTAL	43	6	0	4	4	0	17	0	4	24	10		-41
COTT:	43	6	0	4	4	0	17	0	4	23	10		-40

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Table 23 The P205-balance per crop and Land Use System for Burkina Faso, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	7159	9695	6460	6019	0	460	31662	14105	0	0	22963	6858	-39239 (TON/CTY)
LR TOTAL	614	256	452	503	0	0	1715	1007	0	0	3037	417	-4131 (TON/LWC)
LR-L.1 TOTAL	403	1	1	1	0	0	4	2	0	0	7		-10 (KG/HA)
MAIZ:	3	1	1	1	0	0	3	1	0	0	8		-9 (KG/HA)
MILL:	146	0	1	1	0	0	5	3	0	0	8		-14 (KG/HA)
SORG:	115	1	2	1	0	0	5	4	0	0	8		-13 (KG/HA)
OTHC:	10	0	1	1	0	0	3	1	0	0	8		-10 (KG/HA)
PULS:	99	1	0	1	0	0	2	0	0	0	8		-8 (KG/HA)
GROU:	18	1	1	1	0	0	5	2	0	0	8		-12 (KG/HA)
SESA:	12	0	1	1	0	0	3	2	0	0	8		-11 (KG/HA)
LR-L.2 TOTAL	2	2	0	1	0	0	5	1	0	0	7		-10
VEGE:	1	1	0	1	0	0	8	2	0	0	8		-16
FRUI:	1	2	0	1	0	0	2	0	0	0	8		-7
FALLOW:	209											2	(KG/HA)
UR TOTAL	4213	4793	4878	3571	0	0	19487	10840	0	0	8856	3791	-22150
UR-L.1 TOTAL	1906	2	3	2	0	0	9	6	0	0	4		-12
MAIZ:	53	3	2	2	0	0	11	5	0	0	4		-13
MILL:	619	1	2	2	0	0	10	5	0	0	4		-14
SORG:	699	3	4	2	0	0	11	9	0	0	4		-15
OTHC:	23	0	2	2	0	0	7	3	0	0	4		-10
PULS:	346	3	0	2	0	0	4	1	0	0	4		-4
GROU:	146	2	2	2	0	0	8	4	0	0	4		-10
SESA:	20	0	1	2	0	0	3	2	0	0	4		-6
UR-L.2 TOTAL	325	2	0	2	0	0	2	1	0	0	4		-3
SPOT:	19	0	1	2	0	0	8	3	0	0	4		-12
CASS:	6	10	3	2	0	0	9	7	0	0	4		-5
OTHR:	1	0	1	2	0	0	6	2	0	0	4		-9
VEGE:	15	3	2	2	0	0	10	4	0	0	4		-11
FRUI:	5	6	0	2	0	0	4	1	0	0	4		-1
OILC:	277	1	0	2	0	0	0	0	0	0	4		-1
TOBA:	2	0	0	2	0	0	17	0	0	0	4		-19
UR-L.3 TOTAL	43	4	0	2	0	0	20	0	0	0	4		-18
COTT:	43	4	0	2	0	0	20	0	0	0	4		-18

Burkina Faso

Table 24 The K20-balance per crop and Land Use System for Burkina Faso, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	7159	7208	28282	12495	0	1024	20371	65004	26374	0	46511	3429	-105821 (TON/CTY)
LR TOTAL	614	104	2365	1045	0	0	984	5267	2254	0	6075	209	-10857 (TON/LWC)
LR-L.1 TOTAL	403	0	6	3	0	0	2	13	6	0	15		-27 (KG/HA)
MAIZ:	3	0	3	3	0	0	2	6	5	0	15		-22 (KG/HA)
MILL:	146	0	10	3	0	0	3	23	6	0	15		-34 (KG/HA)
SORG:	115	0	5	3	0	0	2	12	6	0	15		-27 (KG/HA)
OTHC:	10	0	4	3	0	0	2	9	5	0	15		-24 (KG/HA)
PULS:	99	0	1	3	0	0	3	2	5	0	15		-21 (KG/HA)
GROU:	18	1	3	3	0	0	4	7	5	0	15		-24 (KG/HA)
SESA:	12	0	2	3	0	0	2	4	5	0	15		-21 (KG/HA)
LR-L.2 TOTAL	2	5	0	3	0	0	11	6	3	0	15		-27
VEGE:	1	1	0	3	0	0	11	7	0	0	15		-29
FRUI:	1	8	0	3	0	0	10	5	5	0	15		-24
FALLOW:	209											1	(KG/HA)
UR TOTAL	4213	3119	22364	7412	0	0	12115	49698	17277	0	17711	1896	-62010
UR-L.1 TOTAL	1906	1	12	3	0	0	5	26	7	0	7		-29
MAIZ:	53	1	12	3	0	0	7	26	7	0	8		-32
MILL:	619	1	18	3	0	0	5	40	8	0	8		-39
SORG:	699	1	12	3	0	0	4	27	7	0	8		-30
OTHC:	23	0	9	3	0	0	4	20	6	0	8		-26
PULS:	346	0	3	3	0	0	7	6	5	0	8		-20
GROU:	146	2	5	3	0	0	6	11	7	0	8		-22
SESA:	20	0	2	3	0	0	2	4	5	0	8		-14
UR-L.2 TOTAL	325	3	1	3	0	0	6	1	5	0	7		-12
SPOT:	19	8	2	3	0	0	40	4	4	0	8		-43
CASS:	6	20	2	3	0	0	43	4	10	0	8		-40
OTHR:	1	0	3	3	0	0	28	7	1	0	8		-38
VEGE:	15	3	5	3	0	0	15	12	3	0	8		-27
FRUI:	5	24	5	3	0	0	18	11	13	0	8		-18
OILC:	277	2	0	3	0	0	2	0	6	0	8		-11
TOBA:	2	20	0	3	0	0	78	0	7	0	8		-70
UR-L.3 TOTAL	43	5	0	3	0	0	10	0	21	0	8		-31
COTT:	43	5	0	3	0	0	10	0	21	0	8		-31

Burundi

Table 25 The N-balance per crop and Land Use System for Burundi, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1083	599	2637	5504	13739	678	25044	4429	4500	12945	40904	0	-64665 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	578	298	2350	2802	8374	0	13785	2748	2377	6099	27527	0	-38712 (TON/LWC)
GR-L.1 TOTAL	454	1	3	5	17	0	22	4	4	11	50		-65 (KG/HA)
WHEA:	11	0	4	5	5	0	13	1	6	12	50		-68 (KG/HA)
MAIZ:	74	0	4	5	5	0	18	4	4	11	50		-73 (KG/HA)
MILL:	23	0	4	5	5	0	17	7	4	10	50		-74 (KG/HA)
SORG:	98	1	4	5	5	0	20	6	4	10	50		-75 (KG/HA)
PULS:	214	1	4	5	21	0	18	3	5	11	50		-56 (KG/HA)
GROU:	34	2	4	5	63	0	63	10	0	5	50		-54 (KG/HA)
GR-L.2 TOTAL	100	0	7	5	5	0	34	7	4	9	40		-77
POTA:	10	0	7	5	5	0	16	2	6	13	40		-60
SPOT:	41	0	7	5	5	0	32	4	4	11	40		-74
CASS:	18	0	7	5	5	0	45	22	0	3	40		-93
OTHR:	10	0	7	5	5	0	18	2	6	13	40		-62
VEGE:	9	0	7	5	5	0	84	9	0	4	40		-120
FRUI:	9	0	7	5	5	0	6	2	7	14	40		-52
TOBA:	3	0	7	5	5	0	62	0	2	9	40		-96
GR-L.3 TOTAL	6	0	0	5	5	0	19	0	3	26	50		-88
COTT:	6	0	0	5	5	0	19	0	3	26	50		-88
GR-H.1 TOTAL	18	3	3	5	5	0	19	6	5	11	30		-55
BANA:	14	4	4	5	5	0	18	7	5	11	30		-53
COFF:	4	0	4	5	5	0	24	1	5	11	30		-57

Burundi

PR	TOTAL	476	296	287	2575	5127	0	10273	1566	2048	6438	13377	0	-25417
PR-L.1	TOTAL	307	1	0	5	14	0	17	2	5	14	30		-48
	RICE:	1	0	0	5	5	0	12	3	5	14	30		-54
	MAIZ:	58	0	0	5	5	0	13	2	5	15	30		-55
	MILL:	19	0	0	5	5	0	13	3	4	14	30		-54
	SORG:	74	1	0	5	5	0	17	3	4	14	30		-57
	PULS:	136	1	0	5	20	0	16	2	5	15	30		-42
	GROU:	19	2	0	5	46	0	45	5	1	11	30		-39
PR-L.2	TOTAL	82	0	3	5	5	0	33	6	3	12	30		-71
	SPOT:	34	0	4	5	5	0	32	3	4	13	30		-68
	CASS:	21	0	4	5	5	0	49	16	0	5	30		-86
	OTHR:	14	0	4	5	5	0	19	2	6	15	30		-58
	VEGE:	3	0	4	5	5	0	86	6	0	6	30		-114
	FRUI:	10	0	4	5	5	0	9	2	7	16	30		-50
PR-L.3	TOTAL	87	2	0	5	5	0	25	4	4	13	20		-54
	BANA:	52	3	0	5	5	0	23	6	3	12	20		-51
	PALM:	3	0	0	5	5	0	3	1	7	16	20		-37
	COFF:	28	0	0	5	5	0	31	1	4	13	20		-59
	TEAS:	4	0	0	5	5	0	21	0	5	15	20		-51
NF	TOTAL	23	5	0	97	186	618	388	65	75	379	0	0	-1
NF-L.1	TOTAL	23	0	0	4	8	27	17	3	3	16	0		0
	RICE:	1	0	0	4	22	18	23	5	1	14	0		0
	MAIZ:	2	0	0	4	2	31	15	2	4	17	0		0
	MILL:	3	0	0	4	2	27	10	2	4	17	0		0
	SORG:	8	0	0	4	2	29	12	2	4	17	0		0
	SPOT:	2	0	0	4	2	35	20	2	3	17	0		0
	CASS:	1	0	0	4	2	57	41	13	0	9	0		0
	PULS:	6	0	0	4	22	17	22	2	3	16	0		0
IR	TOTAL	6	0	0	30	52	60	598	50	0	29	0	0	-535
IR-H.1	TOTAL	6	0	0	5	9	10	100	8	0	5	0		-89
	RICE:	2	0	0	5	22	10	42	6	0	9	0		-20
	VEGE:	4	0	0	5	2	10	129	9	0	3	0		-124

Burundi

Table 26 The P205-balance for crop and Land Use System for Burundi, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1083	500	1318	2084	0	225	11481	2611	0	0	15339	0	-25304 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	578	266	1175	1061	0	0	6507	1611	0	0	10323	0	-15939 (TON/LWC)
GR-L.1 TOTAL	454	1	2	2	0	0	11	2	0	0	19		-27 (KG/HA)
WHEA:	11	0	2	2	0	0	6	1	0	0	19		-22 (KG/HA)
MAIZ:	74	0	2	2	0	0	10	2	0	0	19		-27 (KG/HA)
MILL:	23	0	2	2	0	0	12	3	0	0	19		-30 (KG/HA)
SORG:	98	1	2	2	0	0	18	6	0	0	19		-38 (KG/HA)
PULS:	214	1	2	2	0	0	7	1	0	0	19		-22 (KG/HA)
GROU:	34	0	2	2	0	0	23	4	0	0	19		-42 (KG/HA)
GR-L.2 TOTAL	100	0	3	2	0	0	11	5	0	0	15		-26
POTA:	10	0	4	2	0	0	11	2	0	0	15		-22
SPOT:	41	0	4	2	0	0	12	5	0	0	15		-26
CASS:	18	0	4	2	0	0	12	11	0	0	15		-32
OTHR:	10	0	4	2	0	0	3	1	0	0	15		-13
VEGE:	9	0	4	2	0	0	20	9	0	0	15		-38
FRUI:	9	0	4	2	0	0	2	0	0	0	15		-11
TOBA:	3	0	4	2	0	0	21	0	0	0	15		-30
GR-L.3 TOTAL	6	0	0	2	0	0	22	0	0	0	19		-39
COTT:	6	0	0	2	0	0	22	0	0	0	19		-39
GR-H.1 TOTAL	18	2	2	2	0	0	9	3	0	0	11		-17
BANA:	14	2	2	2	0	0	10	3	0	0	11		-18
COFF:	4	0	2	2	0	0	4	2	0	0	11		-13

Burundi

PR	TOTAL	476	228	143	975	0	0	4587	919	0	0	5016	0	-9176
PR-L.1	TOTAL	307	1	0	2	0	0	9	1	0	0	11		-18
	RICE:	1	0	0	2	0	0	8	1	0	0	11		-18
	MAIZ:	58	0	0	2	0	0	8	1	0	0	11		-18
	MILL:	19	0	0	2	0	0	10	1	0	0	11		-20
	SORG:	74	1	0	2	0	0	15	3	0	0	11		-26
	PULS:	136	1	0	2	0	0	6	0	0	0	11		-14
	GROU:	19	0	0	2	0	0	16	2	0	0	11		-27
PR-L.2	TOTAL	82	0	2	2	0	0	10	4	0	0	11		-21
	SPOT:	34	0	2	2	0	0	12	4	0	0	11		-23
	CASS:	21	0	2	2	0	0	13	8	0	0	11		-28
	OTHR:	14	0	2	2	0	0	3	1	0	0	11		-11
	VEGE:	3	0	2	2	0	0	20	6	0	0	11		-33
	FRUI:	10	0	2	2	0	0	2	0	0	0	11		-9
PR-L.3	TOTAL	87	1	0	2	0	0	10	2	0	0	7		-16
	BANA:	52	1	0	2	0	0	14	3	0	0	8		-22
	PALM:	3	0	0	2	0	0	2	0	0	0	8		-8
	COFF:	28	0	0	2	0	0	5	2	0	0	8		-13
	TEAS:	4	0	0	2	0	0	5	0	0	0	8		-11
NF	TOTAL	23	6	0	37	0	207	211	39	0	0	0	0	0
NF-L.1	TOTAL	23	0	0	2	0	9	9	2	0	0	0		0
	RICE:	1	0	0	2	0	17	16	3	0	0	0		0
	MAIZ:	2	0	0	2	0	8	8	1	0	0	0		0
	MILL:	3	0	0	2	0	6	7	1	0	0	0		0
	SORG:	8	0	0	2	0	10	10	2	0	0	0		0
	SPOT:	2	0	0	2	0	8	7	2	0	0	0		0
	CASS:	1	0	0	2	0	16	11	7	0	0	0		0
	PULS:	6	1	0	2	0	7	9	1	0	0	0		0
IR	TOTAL	6	0	0	11	0	18	176	42	0	0	0	0	-189
IR-H.1	TOTAL	6	0	0	2	0	3	29	7	0	0	0		-31
	RICE:	2	0	0	2	0	3	28	3	0	0	0		-26
	VEGE:	4	0	0	2	0	3	30	9	0	0	0		-34

Burundi

Table 27 The K20-balance for crop and Land Use System for Burundi, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1083	498	4144	4324	0	425	22604	11171	5356	0	30677	0	-60417 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	578	222	3694	2201	0	0	10018	5876	3217	0	20645	0	-33639 (TON/LWC)
GR-L.1 TOTAL	454	0	5	4	0	0	10	9	6	0	37		-53 (KG/HA)
WHEA:	11	0	6	4	0	0	4	6	7	0	38		-45 (KG/HA)
MAIZ:	74	0	6	4	0	0	6	9	6	0	38		-49 (KG/HA)
MILL:	23	0	6	4	0	0	6	21	2	0	38		-57 (KG/HA)
SORG:	98	1	6	4	0	0	6	17	4	0	38		-54 (KG/HA)
PULS:	214	0	6	4	0	0	12	4	7	0	38		-51 (KG/HA)
GROU:	34	2	6	4	0	0	17	12	5	0	38		-60 (KG/HA)
GR-L.2 TOTAL	100	0	11	4	0	0	44	8	5	0	30		-72
POTA:	10	0	11	4	0	0	30	6	7	0	30		-58
SPOT:	41	0	11	4	0	0	58	8	4	0	30		-85
CASS:	18	3	11	4	0	0	54	6	6	0	30		-78
OTHR:	10	0	11	4	0	0	14	4	9	0	30		-42
VEGE:	9	0	11	4	0	0	29	26	1	0	30		-71
FRUI:	9	0	11	4	0	0	8	6	10	0	30		-39
TOBA:	3	0	11	4	0	0	96	0	3	0	30		-114
GR-L.3 TOTAL	6	0	0	4	0	0	11	0	22	0	37		-66
COTT:	6	0	0	4	0	0	11	0	22	0	38		-67
GR-H.1 TOTAL	18	3	5	4	0	0	64	49	2	0	22		-125
BANA:	14	4	6	4	0	0	79	63	0	0	23		-151
COFF:	4	0	6	4	0	0	14	2	7	0	23		-36

Burundi

PR	TOTAL	476	272	450	2023	0	0	12112	5004	2066	0	10032	0	-26469
PR-L.1	TOTAL	307	0	0	4	0	0	8	5	5	0	22		-36
	RICE:	1	0	0	4	0	0	4	10	3	0	23		-36
	MAIZ:	58	0	0	4	0	0	5	5	6	0	23		-35
	MILL:	19	0	0	4	0	0	5	11	2	0	23		-37
	SORG:	74	1	0	4	0	0	5	9	3	0	23		-35
	PULS:	136	0	0	4	0	0	11	3	6	0	23		-39
	GROU:	19	2	0	4	0	0	12	6	5	0	23		-40
PR-L.2	TOTAL	82	1	5	4	0	0	45	5	4	0	22		-66
	SPOT:	34	0	6	4	0	0	59	5	2	0	23		-79
	CASS:	21	3	6	4	0	0	60	4	4	0	23		-78
	OTHR:	14	0	6	4	0	0	15	3	8	0	23		-39
	VEGE:	3	0	6	4	0	0	29	18	0	0	23		-60
	FRUI:	10	0	6	4	0	0	11	5	7	0	23		-36
PR-L.3	TOTAL	87	2	0	4	0	0	69	34	2	0	15		-114
	BANA:	52	3	0	4	0	0	105	56	0	0	15		-169
	PALM:	3	0	0	4	0	0	5	1	7	0	15		-24
	COFF:	28	0	0	4	0	0	18	2	5	0	15		-36
	TEAS:	4	0	0	4	0	0	10	0	7	0	15		-28
NF	TOTAL	23	4	0	76	0	395	267	135	73	0	0	0	0
NF-L.1	TOTAL	23	0	0	3	0	17	12	6	3	0	0		-1
	RICE:	1	0	0	3	0	26	8	21	0	0	0		0
	MAIZ:	2	0	0	3	0	11	5	5	4	0	0		0
	MILL:	3	0	0	3	0	10	3	8	3	0	0		0
	SORG:	8	0	0	3	0	10	4	6	4	0	0		0
	SPOT:	2	0	0	3	0	38	36	3	2	0	0		0
	CASS:	1	1	0	3	0	50	50	4	1	0	0		0
	PULS:	6	0	0	3	0	19	15	3	4	0	0		0
IR	TOTAL	6	0	0	24	0	30	207	156	0	0	0	0	-309
IR-H.1	TOTAL	6	0	0	4	0	5	34	26	0	0	0		-51
	RICE:	2	0	0	4	0	5	15	24	0	0	0		-30
	VEGE:	4	0	0	4	0	5	44	27	0	0	0		-62

Burundi

Table 28 The N-balance for crop and Land Use System for Burundi, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1194	1702	2881	6085	18774	753	39862	7120	3491	12521	44118	0	-76917 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	607	776	2525	2938	11289	0	21547	4350	1664	5303	28634	0	-43970 (TON/LWC)
GR-L.1 TOTAL	460	1	3	5	23	0	33	7	3	9	50		-70 (KG/HA)
WHEA:	11	0	4	5	5	0	22	1	5	11	50		-75 (KG/HA)
MAIZ:	60	1	4	5	5	0	35	7	2	8	50		-87 (KG/HA)
MILL:	30	0	4	5	5	0	33	13	0	7	50		-89 (KG/HA)
SORG:	66	3	4	5	5	0	45	13	0	6	50		-97 (KG/HA)
PULS:	258	1	4	5	27	0	24	4	4	11	50		-56 (KG/HA)
GROU:	35	2	4	5	80	0	82	13	0	2	50		-56 (KG/HA)
GR-L.2 TOTAL	120	0	7	5	5	0	47	9	2	7	40		-88
POTA:	12	0	7	5	5	0	21	3	5	12	40		-64
SPOT:	49	0	7	5	5	0	43	6	2	9	40		-83
CASS:	24	0	7	5	5	0	51	25	0	2	40		-101
OTHR:	10	0	7	5	5	0	34	4	4	10	40		-75
VEGE:	12	4	7	5	5	0	106	11	0	2	40		-138
FRUI:	9	0	7	5	5	0	10	3	7	13	40		-56
TOBA:	4	0	7	5	5	0	90	0	0	6	40		-119
GR-L.3 TOTAL	4	0	0	5	5	0	13	0	4	22	50		-79
COTT:	4	0	0	5	5	0	13	0	4	22	50		-79
GR-H.1 TOTAL	23	6	3	5	5	0	24	7	4	11	30		-57
BANA:	18	6	4	5	5	0	22	9	4	11	30		-56
COFF:	5	3	4	5	5	0	31	1	5	12	30		-62

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PR	TOTAL	554	879	356	3001	7146	0	16828	2598	1761	6797	15484	0	-32086
PR-L.1	TOTAL	340	1	0	5	18	0	25	4	4	13	30		-52
	RICE:	2	0	0	5	5	0	23	5	3	12	30		-63
	MAIZ:	47	1	0	5	5	0	25	4	4	13	30		-65
	MILL:	25	0	0	5	5	0	21	5	3	12	30		-61
	SORG:	79	3	0	5	5	0	26	5	3	13	30		-64
	PULS:	164	1	0	5	25	0	22	2	5	14	30		-42
	GROU:	23	2	0	5	53	0	52	5	0	10	30		-37
PR-L.2	TOTAL	102	0	3	5	5	0	45	8	2	9	30		-81
	SPOT:	40	0	4	5	5	0	44	4	2	12	30		-78
	CASS:	33	0	4	5	5	0	53	17	0	4	30		-90
	OTHR:	14	0	4	5	5	0	35	3	4	13	30		-71
	VEGE:	5	4	4	5	5	0	97	7	0	6	30		-122
	FRUI:	10	0	4	5	5	0	15	3	6	15	30		-55
PR-L.3	TOTAL	112	3	0	5	5	0	32	5	3	12	20		-59
	BANA:	67	4	0	5	5	0	30	8	2	11	20		-57
	PALM:	3	0	0	5	5	0	5	1	6	16	20		-38
	COFF:	38	2	0	5	5	0	38	1	4	13	20		-64
	TEAS:	4	0	0	5	5	0	21	0	5	15	20		-51
NF	TOTAL	24	16	0	101	241	663	490	82	66	383	0	0	0
NF-L.1	TOTAL	24	1	0	4	10	28	20	3	3	16	0		1
	RICE:	2	0	0	4	22	18	23	5	1	14	0		0
	MAIZ:	2	1	0	4	2	41	27	4	2	15	0		0
	MILL:	4	0	0	4	2	30	13	3	3	16	0		0
	SORG:	6	2	0	4	2	28	12	2	4	18	0		0
	SPOT:	2	0	0	4	2	41	27	2	2	16	0		0
	CASS:	1	0	0	4	2	61	45	15	0	8	0		0
	PULS:	7	1	0	4	24	16	24	2	3	16	0		0
IR	TOTAL	9	31	0	45	98	90	997	90	0	38	0	0	-861
IR-H.1	TOTAL	9	3	0	5	11	10	111	10	0	4	0		-96
	RICE:	4	0	0	5	22	10	58	9	0	6	0		-36
	VEGE:	5	6	0	5	2	10	153	11	0	3	0		-144

Burundi

Table 29 The P205-balance per crop and Land Use System for Burundi, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1194	1100	1441	2303	0	280	18200	4155	0	0	16544	0	-33775 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	607	601	1263	1112	0	0	10102	2523	0	0	10738	0	-20387 (TON/LWC)
GR-L.1 TOTAL	460	1	2	2	0	0	17	3	0	0	19		-34 (KG/HA)
WHEA:	11	0	2	2	0	0	10	1	0	0	19		-26 (KG/HA)
MAIZ:	60	0	2	2	0	0	20	4	0	0	19		-39 (KG/HA)
MILL:	30	0	2	2	0	0	23	5	0	0	19		-43 (KG/HA)
SORG:	66	1	2	2	0	0	39	12	0	0	19		-65 (KG/HA)
PULS:	258	2	2	2	0	0	9	1	0	0	19		-23 (KG/HA)
GROU:	35	2	2	2	0	0	30	5	0	0	19		-48 (KG/HA)
GR-L.2 TOTAL	120	0	3	2	0	0	15	7	0	0	15		-32
POTA:	12	0	4	2	0	0	14	2	0	0	15		-25
SPOT:	49	0	4	2	0	0	16	7	0	0	15		-32
CASS:	24	0	4	2	0	0	13	13	0	0	15		-35
OTHR:	10	0	4	2	0	0	5	2	0	0	15		-16
VEGE:	12	0	4	2	0	0	25	11	0	0	15		-45
FRUI:	9	0	4	2	0	0	3	1	0	0	15		-13
TOBA:	4	0	4	2	0	0	30	0	0	0	15		-39
GR-L.3 TOTAL	4	0	0	2	0	0	16	0	0	0	19		-33
COTT:	4	0	0	2	0	0	16	0	0	0	19		-33
GR-H.1 TOTAL	23	1	2	2	0	0	11	4	0	0	11		-21
BANA:	18	2	2	2	0	0	13	4	0	0	11		-22
COFF:	5	0	2	2	0	0	5	2	0	0	11		-14

Burundi

PR	TOTAL	554	487	178	1136	0	0	7506	1518	0	0	5806	0	-13029
PR-L.1	TOTAL	340	1	0	2	0	0	14	2	0	0	11		-24
	RICE:	2	0	0	2	0	0	16	3	0	0	11		-28
	MAIZ:	47	0	0	2	0	0	14	2	0	0	11		-25
	MILL:	25	0	0	2	0	0	15	2	0	0	11		-26
	SORG:	79	1	0	2	0	0	23	5	0	0	11		-36
	PULS:	164	2	0	2	0	0	9	1	0	0	11		-17
	GROU:	23	2	0	2	0	0	19	2	0	0	11		-28
PR-L.2	TOTAL	102	0	2	2	0	0	13	5	0	0	11		-25
	SPOT:	40	0	2	2	0	0	17	5	0	0	11		-29
	CASS:	33	0	2	2	0	0	14	9	0	0	11		-30
	OTHR:	14	0	2	2	0	0	5	2	0	0	11		-14
	VEGE:	5	0	2	2	0	0	23	7	0	0	11		-37
	FRUI:	10	0	2	2	0	0	4	1	0	0	11		-12
PR-L.3	TOTAL	112	1	0	2	0	0	13	3	0	0	7		-20
	BANA:	67	1	0	2	0	0	17	3	0	0	8		-25
	PALM:	3	0	0	2	0	0	3	0	0	0	8		-9
	COFF:	38	0	0	2	0	0	7	2	0	0	8		-15
	TEAS:	4	0	0	2	0	0	5	0	0	0	8		-11
NF	TOTAL	24	12	0	38	0	253	258	45	0	0	0	0	0
NF-L.1	TOTAL	24	0	0	2	0	11	11	2	0	0	0		0
	RICE:	2	0	0	2	0	17	16	3	0	0	0		0
	MAIZ:	2	0	0	2	0	15	15	2	0	0	0		0
	MILL:	4	0	0	2	0	9	10	1	0	0	0		0
	SORG:	6	1	0	2	0	10	10	2	0	0	0		0
	SPOT:	2	0	0	2	0	12	10	3	0	0	0		0
	CASS:	1	0	0	2	0	18	12	7	0	0	0		0
	PULS:	7	1	0	2	0	7	9	1	0	0	0		0
IR	TOTAL	9	0	0	17	0	27	334	69	0	0	0	0	-359
IR-H.1	TOTAL	9	0	0	2	0	3	37	8	0	0	0		-40
	RICE:	4	0	0	2	0	3	39	4	0	0	0		-38
	VEGE:	5	0	0	2	0	3	36	11	0	0	0		-42

Burundi

Table 30 The K20-balance for crop and Land Use System for Burundi, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1194	1201	4527	4782	0	535	36634	18335	4084	0	33089	0	-81097 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	607	470	3968	2309	0	0	15977	9556	2379	0	21476	0	-42641 (TON/LWC)
GR-L.1 TOTAL	460	0	5	4	0	0	15	15	4	0	37		-62 (KG/HA)
WHEA:	11	0	6	4	0	0	7	10	6	0	38		-51 (KG/HA)
MAIZ:	60	0	6	4	0	0	12	18	2	0	38		-60 (KG/HA)
MILL:	30	0	6	4	0	0	11	39	0	0	38		-78 (KG/HA)
SORG:	66	1	6	4	0	0	14	37	0	0	38		-78 (KG/HA)
PULS:	258	0	6	4	0	0	16	6	6	0	38		-56 (KG/HA)
GROU:	35	3	6	4	0	0	22	16	4	0	38		-67 (KG/HA)
GR-L.2 TOTAL	120	1	11	4	0	0	59	11	3	0	30		-87
POTA:	12	0	11	4	0	0	39	8	6	0	30		-68
SPOT:	49	1	11	4	0	0	78	10	1	0	30		-103
CASS:	24	2	11	4	0	0	62	7	5	0	30		-87
OTHR:	10	0	11	4	0	0	26	8	7	0	30		-56
VEGE:	12	4	11	4	0	0	37	33	0	0	30		-81
FRUI:	9	0	11	4	0	0	12	9	8	0	30		-44
TOBA:	4	0	11	4	0	0	140	0	0	0	30		-155
GR-L.3 TOTAL	4	0	0	4	0	0	8	0	17	0	37		-58
COTT:	4	0	0	4	0	0	8	0	17	0	38		-59
GR-H.1 TOTAL	23	7	5	4	0	0	83	63	2	0	22		-154
BANA:	18	8	6	4	0	0	101	80	0	0	23		-186
COFF:	5	3	6	4	0	0	18	3	8	0	23		-39

Burundi

PR	TOTAL	554	695	559	2358	0	0	19973	8303	1650	0	11613	0	-37927
PR-L.1	TOTAL	340	0	0	4	0	0	12	8	3	0	22		-41
	RICE:	2	0	0	4	0	0	8	21	0	0	23		-48
	MAIZ:	47	0	0	4	0	0	9	9	3	0	23		-40
	MILL:	25	0	0	4	0	0	7	17	0	0	23		-43
	SORG:	79	1	0	4	0	0	8	14	1	0	23		-41
	PULS:	164	0	0	4	0	0	15	3	5	0	23		-42
	GROU:	23	3	0	4	0	0	14	7	5	0	23		-42
PR-L.2	TOTAL	102	1	5	4	0	0	60	7	2	0	22		-81
	SPOT:	40	1	6	4	0	0	81	7	0	0	23		-100
	CASS:	33	2	6	4	0	0	65	5	3	0	23		-84
	OTHR:	14	0	6	4	0	0	27	6	5	0	23		-51
	VEGE:	5	4	6	4	0	0	33	20	0	0	23		-62
	FRUI:	10	0	6	4	0	0	18	9	5	0	23		-45
PR-L.3	TOTAL	112	4	0	4	0	0	89	44	2	0	15		-142
	BANA:	67	5	0	4	0	0	135	71	0	0	15		-212
	PALM:	3	0	0	4	0	0	8	2	7	0	15		-28
	COFF:	38	2	0	4	0	0	22	2	6	0	15		-39
	TEAS:	4	0	0	4	0	0	10	0	7	0	15		-28
NF	TOTAL	24	5	0	79	0	490	339	180	55	0	0	0	0
NF-L.1	TOTAL	24	0	0	3	0	20	14	7	2	0	0		0
	RICE:	2	0	0	3	0	26	8	21	0	0	0		0
	MAIZ:	2	0	0	3	0	16	9	9	2	0	0		0
	MILL:	4	0	0	3	0	13	5	11	1	0	0		0
	SORG:	6	0	0	3	0	10	4	6	4	0	0		0
	SPOT:	2	1	0	3	0	50	49	4	0	0	0		0
	CASS:	1	1	0	3	0	54	55	4	0	0	0		0
	PULS:	7	0	0	3	0	20	16	4	4	0	0		0
IR	TOTAL	9	31	0	36	0	45	345	296	0	0	0	0	-529
IR-H.1	TOTAL	9	3	0	4	0	5	38	33	0	0	0		-59
	RICE:	4	0	0	4	0	5	20	34	0	0	0		-45
	VEGE:	5	6	0	4	0	5	53	32	0	0	0		-70

Cameroon

Table 31 The N-balance per crop and Land Use System for Cameroon, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	7680	24313	135	21347	25406	958	49200	6328	29474	61653	88152	7728	-154920 (TON/CTY)
LR TOTAL	37	21	37	89	103	0	274	84	63	93	96	26	-334 (TON/LWC)
LR-L.1 TOTAL	22	1	2	4	4	0	11	4	3	4	4		-15 (KG/HA)
MILL:	17	1	2	4	3	0	12	4	3	4	4		-17 (KG/HA)
GROU:	3	0	1	4	13	0	11	2	3	4	4		-6 (KG/HA)
SESA:	2	1	0	4	3	0	6	1	4	5	4		-12 (KG/HA)
LR-L.2 TOTAL	2	2	0	4	3	0	17	1	2	4	4		-19
VEGE:	1	1	0	4	3	0	26	1	1	2	4		-26
FRUI:	1	2	0	4	3	0	7	1	4	5	4		-12
FALLOW:	13											2	(KG/HA)
UR TOTAL	302	917	98	748	960	0	2995	278	890	2308	5696	247	-9197
UR-L.1 TOTAL	87	3	1	4	7	0	13	2	5	11	32		-48
MAIZ:	9	8	1	4	4	0	18	3	6	12	32		-54
MILL:	55	3	1	4	4	0	12	3	5	11	32		-51
PULS:	3	7	0	4	9	0	6	1	7	14	32		-40
GROU:	17	1	1	4	18	0	15	2	4	11	32		-40
SESA:	3	2	0	4	4	0	9	1	5	12	32		-49
UR-L.2 TOTAL	69	2	0	4	4	0	21	1	4	10	32		-58
SPOT:	8	1	0	4	4	0	19	1	3	10	32		-56
CASS:	8	0	0	4	4	0	6	1	5	11	32		-47
OTHR:	24	0	0	4	4	0	12	1	4	11	32		-52
VEGE:	19	4	0	4	4	0	43	2	1	8	32		-74
FRUI:	9	6	0	4	4	0	7	1	6	13	32		-45
TOBA:	1	0	0	4	4	0	62	0	0	6	32		-92
UR-H.1 TOTAL	22	24	0	4	4	0	21	0	10	29	32		-60
COTT:	22	24	0	4	4	0	21	0	10	29	32		-60
FALLOW:	124											2	
GR TOTAL	906	4453	0	2607	4716	0	9288	1327	3400	6869	9650	833	-17925
GR-L.1 TOTAL	279	4	0	5	13	0	18	4	5	11	20		-36
WHEA:	1	0	0	5	5	0	22	1	5	10	20		-48
MAIZ:	46	13	0	5	5	0	24	5	7	13	20		-46
MILL:	93	5	0	5	5	0	15	6	5	11	20		-42
PULS:	4	11	0	5	23	0	20	3	8	13	20		-25
GROU:	129	1	0	5	22	0	19	3	5	11	20		-30
SESA:	6	3	0	5	5	0	9	1	7	13	20		-37

Cameroon

GR	TOTAL	906	864	0	987	0	0	4708	617	0	0	3619	833	-6260
GR-L.1	TOTAL	279	1	0	2	0	0	9	2	0	0	7		-15
	WHEA:	1	0	0	2	0	0	10	1	0	0	8		-17
	MAIZ:	46	3	0	2	0	0	13	2	0	0	8		-18
	MILL:	93	2	0	2	0	0	11	2	0	0	8		-17
	PULS:	4	9	0	2	0	0	8	1	0	0	8		-6
	GROU:	129	1	0	2	0	0	7	1	0	0	8		-13
	SESA:	6	0	0	2	0	0	4	1	0	0	8		-11
GR-L.2	TOTAL	152	0	0	2	0	0	5	1	0	0	7		-11
	SPOT:	16	0	0	2	0	0	9	1	0	0	8		-16
	CASS:	18	0	0	2	0	0	2	1	0	0	8		-9
	OTHR:	49	0	0	2	0	0	2	0	0	0	8		-8
	PLAN:	12	0	0	2	0	0	1	0	0	0	8		-7
	VEGE:	38	1	0	2	0	0	10	2	0	0	8		-17
	FRUI:	18	0	0	2	0	0	2	0	0	0	8		-8
	TOBA:	1	0	0	2	0	0	21	0	0	0	8		-27
GR-L.3	TOTAL	13	1	0	2	0	0	1	0	0	0	4		-2
	PLAN:	12	1	0	2	0	0	1	0	0	0	4		-2
	BANA:	1	0	0	2	0	0	3	0	0	0	4		-5
GR-H.1	TOTAL	45	9	0	2	0	0	31	0	0	0	7		-27
	COTT:	45	9	0	2	0	0	31	0	0	0	8		-28
	FALLOW:	417											2	
PR	TOTAL	6362	4912	0	6676	0	0	15337	2357	0	0	27266	6617	-26755
PR-L.1	TOTAL	1161	3	0	2	0	0	8	1	0	0	11		-15
	MAIZ:	415	3	0	2	0	0	9	1	0	0	11		-16
	MILL:	329	2	0	2	0	0	10	1	0	0	11		-18
	PULS:	196	9	0	2	0	0	4	0	0	0	11		-4
	GROU:	198	1	0	2	0	0	4	0	0	0	11		-12
	SESA:	23	0	0	2	0	0	4	1	0	0	11		-14
PR-L.2	TOTAL	864	0	0	2	0	0	3	1	0	0	8		-10
	POTA:	72	0	0	2	0	0	7	1	0	0	8		-14
	SPOT:	95	0	0	2	0	0	7	2	0	0	8		-15
	CASS:	364	0	0	2	0	0	2	1	0	0	8		-9
	OTHR:	209	0	0	2	0	0	2	1	0	0	8		-9
	PLAN:	72	0	0	2	0	0	1	1	0	0	8		-8
	VEGE:	44	1	0	2	0	0	6	2	0	0	8		-13
	FRUI:	8	0	0	2	0	0	2	0	0	0	8		-8

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GR	TOTAL	906	913	0	2048	0	0	4923	3180	3341	0	7237	417	-15303
GR-L.1	TOTAL	279	1	0	4	0	0	6	10	5	0	15		-31
	WHEA:	1	0	0	4	0	0	7	10	4	0	15		-32
	MAIZ:	46	1	0	4	0	0	8	12	4	0	15		-34
	MILL:	93	1	0	4	0	0	5	19	2	0	15		-36
	PULS:	4	0	0	4	0	0	13	5	5	0	15		-34
	GROU:	129	1	0	4	0	0	5	4	7	0	15		-26
	SESA:	6	0	0	4	0	0	2	2	7	0	15		-22
GR-L.2	TOTAL	152	1	0	4	0	0	16	2	5	0	15		-33
	SPOT:	16	2	0	4	0	0	45	2	2	0	15		-58
	CASS:	18	0	0	4	0	0	8	0	7	0	15		-26
	OTHR:	49	0	0	4	0	0	9	1	6	0	15		-27
	PLAN:	12	1	0	4	0	0	20	4	3	0	15		-37
	VEGE:	38	3	0	4	0	0	15	4	4	0	15		-31
	FRUI:	18	3	0	4	0	0	11	3	6	0	15		-28
	TOBA:	1	0	0	4	0	0	96	0	0	0	15		-107
GR-L.3	TOTAL	13	2	0	4	0	0	21	4	3	0	7		-29
	PLAN:	12	2	0	4	0	0	20	4	3	0	8		-29
	BANA:	1	0	0	4	0	0	26	7	0	0	8		-37
GR-H.1	TOTAL	45	9	0	4	0	0	15	0	29	0	15		-46
	COTT:	45	9	0	4	0	0	15	0	29	0	15		-46
	FALLOW:	417											1	
PR	TOTAL	6362	12002	0	13856	0	0	26780	9654	26276	0	54532	3308	-88076
PR-L.1	TOTAL	1161	1	0	5	0	0	5	6	6	0	22		-33
	MAIZ:	415	1	0	5	0	0	6	6	6	0	23		-35
	MILL:	329	1	0	5	0	0	5	11	4	0	23		-37
	PULS:	196	0	0	5	0	0	7	2	8	0	23		-35
	GROU:	198	1	0	5	0	0	3	1	9	0	23		-30
	SESA:	23	0	0	5	0	0	2	2	8	0	23		-30
PR-L.2	TOTAL	864	0	0	5	0	0	13	2	7	0	15		-32
	POTA:	72	0	0	5	0	0	18	2	6	0	15		-36
	SPOT:	95	2	0	5	0	0	35	3	5	0	15		-51
	CASS:	364	0	0	5	0	0	8	1	8	0	15		-27
	OTHR:	209	0	0	5	0	0	9	2	7	0	15		-28
	PLAN:	72	1	0	5	0	0	24	9	3	0	15		-45
	VEGE:	44	3	0	5	0	0	9	6	7	0	15		-29
	FRUI:	8	3	0	5	0	0	9	4	8	0	15		-28

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GR	TOTAL	1123	10259	0	3838	8434	0	18702	2577	5324	10578	14245	809	-28086
GR-L.1	TOTAL	432	8	0	5	16	0	24	5	6	11	20		-37
	WHEA:	2	0	0	5	5	0	22	1	5	10	20		-48
	MAIZ:	73	16	0	5	5	0	32	7	7	12	20		-52
	MILL:	111	10	0	5	5	0	21	8	6	11	20		-46
	PULS:	6	23	0	5	27	0	24	4	11	16	20		-20
	GROU:	230	4	0	5	25	0	22	4	5	11	20		-28
	SESA:	10	7	0	5	5	0	18	3	7	13	20		-44
GR-L.2	TOTAL	224	7	0	5	5	0	29	1	5	11	20		-49
	SPOT:	23	2	0	5	5	0	32	1	3	9	20		-53
	CASS:	17	0	0	5	5	0	20	3	2	8	20		-43
	OTHR:	79	0	0	5	5	0	17	1	5	11	20		-44
	PLAN:	13	5	0	5	5	0	4	1	8	13	20		-31
	VEGE:	61	13	0	5	5	0	57	2	4	9	20		-69
	FRUI:	27	20	0	5	5	0	16	1	11	16	20		-34
	TOBA:	4	0	0	5	5	0	45	0	3	9	20		-67
GR-L.3	TOTAL	15	8	0	6	5	0	4	1	9	15	10		-20
	PLAN:	13	7	0	5	5	0	4	1	9	14	10		-21
	BANA:	2	8	0	5	5	0	8	1	8	14	10		-23
GR-H.1	TOTAL	48	110	0	5	5	0	41	0	34	64	20		-39
	COTT:	48	110	0	5	5	0	41	0	34	64	20		-39
	FALLOW:	404											2	
PR	TOTAL	7535	35777	0	20884	25303	0	60167	7944	30303	61949	88000	7837	-158562
PR-L.1	TOTAL	1564	13	0	6	10	0	18	3	9	18	30		-49
	MAIZ:	592	16	0	6	5	0	20	3	10	18	30		-54
	MILL:	384	10	0	6	5	0	19	5	7	16	30		-56
	PULS:	266	23	0	6	18	0	14	1	13	22	30		-33
	GROU:	280	4	0	6	19	0	15	2	7	16	30		-41
	SESA:	42	7	0	6	5	0	15	1	8	17	30		-53
PR-L.2	TOTAL	816	2	0	6	5	0	20	3	5	14	20		-49
	POTA:	20	5	0	6	5	0	16	2	7	16	20		-45
	SPOT:	117	2	0	6	5	0	24	2	5	14	20		-52
	CASS:	293	0	0	6	5	0	20	6	3	12	20		-50
	OTHR:	223	0	0	6	5	0	19	2	6	14	20		-50
	PLAN:	85	5	0	6	5	0	5	2	8	17	20		-36
	VEGE:	67	13	0	6	5	0	39	3	7	16	20		-61
	FRUI:	11	20	0	6	5	0	14	2	12	21	20		-38

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GR	TOTAL	1123	2400	0	1453	0	0	8943	1215	0	0	5342	809	-10838
GR-L.1	TOTAL	432	3	0	2	0	0	12	2	0	0	7		-16
	WHEA:	2	0	0	2	0	0	10	1	0	0	8		-17
	MAIZ:	73	3	0	2	0	0	18	3	0	0	8		-24
	MILL:	111	4	0	2	0	0	15	3	0	0	8		-20
	PULS:	6	18	0	2	0	0	9	1	0	0	8		2
	GROU:	230	2	0	2	0	0	8	1	0	0	8		-13
	SESA:	10	2	0	2	0	0	8	2	0	0	8		-14
GR-L.2	TOTAL	224	1	0	2	0	0	7	1	0	0	8		-13
	SPOT:	23	1	0	2	0	0	12	2	0	0	8		-19
	CASS:	17	0	0	2	0	0	5	2	0	0	8		-13
	OTHR:	79	0	0	2	0	0	3	0	0	0	8		-9
	PLAN:	13	1	0	2	0	0	1	0	0	0	8		-6
	VEGE:	61	3	0	2	0	0	13	2	0	0	8		-18
	FRUI:	27	5	0	2	0	0	4	0	0	0	8		-5
	TOBA:	4	0	0	2	0	0	15	0	0	0	8		-21
GR-L.3	TOTAL	15	2	0	2	0	0	2	0	0	0	4		-2
	PLAN:	13	2	0	2	0	0	1	0	0	0	4		-1
	BANA:	2	0	0	2	0	0	4	0	0	0	4		-6
GR-H.1	TOTAL	48	19	0	2	0	0	49	0	0	0	7		-35
	COTT:	48	19	0	2	0	0	49	0	0	0	8		-36
	FALLOW:	404											2	
PR	TOTAL	7535	12184	0	7906	0	0	25610	4267	0	0	33000	7837	-34950
PR-L.1	TOTAL	1564	6	0	2	0	0	10	1	0	0	11		-14
	MAIZ:	592	3	0	2	0	0	11	1	0	0	11		-18
	MILL:	384	4	0	2	0	0	14	2	0	0	11		-21
	PULS:	266	18	0	2	0	0	5	0	0	0	11		4
	GROU:	280	2	0	2	0	0	5	1	0	0	11		-13
	SESA:	42	2	0	2	0	0	7	1	0	0	11		-15
PR-L.2	TOTAL	816	1	0	2	0	0	5	2	0	0	8		-12
	POTA:	20	0	0	2	0	0	11	1	0	0	8		-18
	SPOT:	117	1	0	2	0	0	9	3	0	0	8		-17
	CASS:	293	0	0	2	0	0	5	3	0	0	8		-14
	OTHR:	223	0	0	2	0	0	3	1	0	0	8		-10
	PLAN:	85	1	0	2	0	0	1	1	0	0	8		-7
	VEGE:	67	3	0	2	0	0	9	3	0	0	8		-15
	FRUI:	11	5	0	2	0	0	3	1	0	0	8		-5

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GR	TOTAL	1123	2471	0	3016	0	0	9628	5903	4858	0	10684	404	-25182
GR-L.1	TOTAL	432	2	0	4	0	0	7	12	4	0	15		-32
	WHEA:	2	0	0	4	0	0	7	10	4	0	15		-32
	MAIZ:	73	1	0	4	0	0	11	16	2	0	15		-39
	MILL:	111	4	0	4	0	0	7	25	1	0	15		-40
	PULS:	6	0	0	4	0	0	16	6	5	0	15		-38
	GROU:	230	2	0	4	0	0	6	4	7	0	15		-26
	SESA:	10	2	0	4	0	0	5	5	7	0	15		-26
GR-L.2	TOTAL	224	3	0	4	0	0	22	3	4	0	15		-37
	SPOT:	23	3	0	4	0	0	58	3	1	0	15		-70
	CASS:	17	0	0	4	0	0	24	1	5	0	15		-41
	OTHR:	79	0	0	4	0	0	13	1	5	0	15		-30
	PLAN:	13	2	0	4	0	0	23	4	3	0	15		-39
	VEGE:	61	6	0	4	0	0	20	6	3	0	15		-34
	FRUI:	27	11	0	4	0	0	19	5	7	0	15		-31
	TOBA:	4	0	0	4	0	0	70	0	1	0	15		-82
GR-L.3	TOTAL	15	4	0	4	0	0	25	5	3	0	8		-33
	PLAN:	13	3	0	4	0	0	23	4	3	0	8		-31
	BANA:	2	8	0	4	0	0	35	9	0	0	8		-40
GR-H.1	TOTAL	48	17	0	4	0	0	24	0	42	0	15		-60
	COTT:	48	17	0	4	0	0	24	0	42	0	15		-60
	FALLOW:	404											1	
PR	TOTAL	7535	28958	0	16409	0	0	44676	15984	34793	0	66000	3918	-112168
PR-L.1	TOTAL	1564	2	0	5	0	0	7	7	6	0	22		-35
	MAIZ:	592	1	0	5	0	0	7	7	6	0	23		-37
	MILL:	384	4	0	5	0	0	7	15	3	0	23		-39
	PULS:	266	0	0	5	0	0	9	2	7	0	23		-36
	GROU:	280	2	0	5	0	0	4	2	9	0	23		-31
	SESA:	42	2	0	5	0	0	4	3	9	0	23		-32
PR-L.2	TOTAL	816	1	0	5	0	0	24	4	6	0	15		-43
	POTA:	20	0	0	5	0	0	31	4	4	0	15		-49
	SPOT:	117	3	0	5	0	0	44	4	4	0	15		-59
	CASS:	293	0	0	5	0	0	24	2	6	0	15		-42
	OTHR:	223	0	0	5	0	0	14	3	6	0	15		-33
	PLAN:	85	2	0	5	0	0	27	10	2	0	15		-47
	VEGE:	67	6	0	5	0	0	13	8	7	0	15		-32
	FRUI:	11	11	0	5	0	0	16	8	9	0	15		-32

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Table 37 The N-balance per crop and Land Use System for Central African Republic, 1983

	AREA 000 HA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
TOTAL	4808	499	695	4971	9202	84	13882	2772	3709	9679	11150	7733	-18007 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	142	5	104	107	228	0	421	195	98	230	480	230	-750 (TON/LWC)
UR-L.1 TOTAL	21	0	4	4	10	0	14	8	4	9	20		-37 (KG/HA)
MAIZ:	1	0	2	4	4	0	7	4	4	9	20		-34 (KG/HA)
MILL:	10	0	5	4	4	0	12	11	4	9	20		-43 (KG/HA)
PULS:	2	0	2	4	13	0	10	4	4	9	20		-28 (KG/HA)
GROU:	3	2	7	4	38	0	37	15	2	7	20		-30 (KG/HA)
SESA:	5	0	1	4	4	0	6	2	5	9	20		-33 (KG/HA)
UR-L.2 TOTAL	6	0	4	4	4	0	23	3	3	8	10		-35
SPOT:	2	0	4	4	4	0	28	3	2	7	10		-38
CASS:	1	0	4	4	4	0	13	5	3	8	10		-27
OTHR:	2	0	4	4	4	0	15	2	4	9	10		-28
VEGE:	1	0	4	4	4	0	39	3	1	6	10		-47
FALLOW:	115											2	(KG/HA)
GR TOTAL	1792	322	591	2441	5228	0	7536	1532	1750	4163	5680	2653	-9426
GR-L.1 TOTAL	225	1	0	5	18	0	19	4	3	8	15		-25
MAIZ:	45	0	0	5	5	0	7	1	5	9	15		-27
MILL:	46	0	0	5	5	0	13	5	3	7	15		-33
PULS:	5	0	0	5	14	0	10	2	5	9	15		-22
GROU:	93	3	0	5	36	0	33	5	2	6	15		-17
SESA:	36	0	0	5	5	0	6	1	5	10	15		-27
GR-L.2 TOTAL	169	0	3	5	5	0	16	4	4	8	10		-29
SPOT:	11	0	4	5	5	0	28	2	3	8	10		-37
CASS:	141	0	4	5	5	0	13	4	4	8	10		-25
OTHR:	7	0	4	5	5	0	15	1	5	9	10		-26
VEGE:	7	0	4	5	5	0	37	3	2	7	10		-45
FRUI:	2	0	4	5	5	0	5	1	6	11	10		-19
TOBA:	1	0	4	5	5	0	56	0	2	6	10		-60
GR-L.3 TOTAL	21	0	0	5	5	0	6	1	5	9	5		-16
PLAN:	9	0	0	5	5	0	3	1	5	10	5		-14
BANA:	11	0	0	5	5	0	6	1	5	9	5		-16
CITR:	1	0	0	5	5	0	36	2	1	6	5		-40

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Table 38 The P205-balance per crop and Land Use System for Central African Republic, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4808	0	342	1881	0	31	5566	1404	0	0	3381	7733	-363 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	142	0	46	40	0	0	187	91	0	0	180	230	-142 (TON/LWC)
UR-L.1 TOTAL	21	0	2	1	0	0	7	4	0	0	7		-15 (KG/HA)
MAIZ:	1	0	1	1	0	0	4	2	0	0	8		-12 (KG/HA)
MILL:	10	0	2	1	0	0	8	4	0	0	8		-17 (KG/HA)
PULS:	2	0	0	1	0	0	4	1	0	0	8		-12 (KG/HA)
GROU:	3	0	3	1	0	0	14	6	0	0	8		-24 (KG/HA)
SESA:	5	0	1	1	0	0	3	2	0	0	8		-11 (KG/HA)
UR-L.2 TOTAL	6	0	2	1	0	0	6	3	0	0	4		-10
SPOT:	2	0	2	1	0	0	10	4	0	0	4		-15
CASS:	1	0	2	1	0	0	3	3	0	0	4		-7
OTHR:	2	0	2	1	0	0	2	1	0	0	4		-4
VEGE:	1	0	2	1	0	0	9	3	0	0	4		-13
FALLOW:	115											2	(KG/HA)
GR TOTAL	1792	0	296	924	0	0	3206	750	0	0	1704	2653	-1787
GR-L.1 TOTAL	225	0	0	2	0	0	8	2	0	0	4		-12
MAIZ:	45	0	0	2	0	0	4	1	0	0	4		-7
MILL:	46	0	0	2	0	0	10	2	0	0	4		-14
PULS:	5	0	0	2	0	0	4	0	0	0	4		-6
GROU:	93	0	0	2	0	0	12	2	0	0	4		-16
SESA:	36	0	0	2	0	0	3	1	0	0	4		-6
GR-L.2 TOTAL	169	0	2	2	0	0	4	2	0	0	3		-5
SPOT:	11	0	2	2	0	0	10	3	0	0	3		-12
CASS:	141	0	2	2	0	0	4	2	0	0	3		-5
OTHR:	7	0	2	2	0	0	2	1	0	0	3		-2
VEGE:	7	0	2	2	0	0	9	3	0	0	3		-11
FRUI:	2	0	2	2	0	0	1	0	0	0	3		0
TOBA:	1	0	2	2	0	0	19	0	0	0	3		-18
GR-L.3 TOTAL	21	0	0	2	0	0	3	1	0	0	1		-3
PLAN:	9	0	0	2	0	0	1	1	0	0	2		-2
BANA:	11	0	0	2	0	0	3	1	0	0	2		-4
CITR:	1	0	0	2	0	0	10	2	0	0	2		-12

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Table 39 The K20-balance per crop and Land Use System for Central African Republic, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4808	100	1166	3906	0	79	10262	3687	3658	0	8362	3867	-16852 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LNC)
UR TOTAL	142	1	237	84	0	0	246	470	151	0	360	115	-790 (TON/LNC)
UR-L.1 TOTAL	21	0	9	3	0	0	4	21	6	0	15		-34 (KG/HA)
MAIZ:	1	0	4	3	0	0	2	9	5	0	15		-24 (KG/HA)
MILL:	10	0	16	3	0	0	4	35	7	0	15		-42 (KG/HA)
PULS:	2	0	3	3	0	0	7	6	5	0	15		-27 (KG/HA)
GROU:	3	0	8	3	0	0	10	18	6	0	15		-38 (KG/HA)
SESA:	5	0	2	3	0	0	2	4	5	0	15		-21 (KG/HA)
UR-L.2 TOTAL	6	0	6	3	0	0	26	5	3	0	7		-32
SPOT:	2	0	7	3	0	0	51	6	1	0	8		-56
CASS:	1	0	7	3	0	0	15	1	6	0	8		-20
OTHR:	2	0	7	3	0	0	12	3	6	0	8		-19
VEGE:	1	0	7	3	0	0	13	10	3	0	8		-24
FALLOW:	115											1	(KG/HA)
GR TOTAL	1792	67	929	1918	0	0	5131	2092	2017	0	4260	1326	-9260
GR-L.1 TOTAL	225	0	0	4	0	0	5	7	2	0	11		-21
MAIZ:	45	0	0	4	0	0	2	3	4	0	11		-16
MILL:	46	0	0	4	0	0	5	16	0	0	11		-28
PULS:	5	0	0	4	0	0	7	2	3	0	11		-19
GROU:	93	1	0	4	0	0	9	7	2	0	11		-24
SESA:	36	0	0	4	0	0	2	2	4	0	11		-15
GR-L.2 TOTAL	169	0	5	4	0	0	19	2	5	0	7		-24
SPOT:	11	0	6	4	0	0	51	5	0	0	8		-54
CASS:	141	0	6	4	0	0	16	1	5	0	8		-20
OTHR:	7	0	6	4	0	0	12	2	5	0	8		-17
VEGE:	7	0	6	4	0	0	13	8	3	0	8		-22
FRUI:	2	0	6	4	0	0	6	3	5	0	8		-12
TOBA:	1	0	6	4	0	0	87	0	0	0	8		-85
GR-L.3 TOTAL	21	0	0	4	0	0	24	11	0	0	4		-35
PLAN:	9	0	0	4	0	0	19	7	0	0	4		-26
BANA:	11	0	0	4	0	0	25	13	0	0	4		-38
CITR:	1	0	0	4	0	0	57	21	0	0	4		-78

Cameroon

Table 40 The N-balance per crop and Land Use System for Central African Republic, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5837	1399	830	6535	13061	137	21899	4242	4433	12244	14830	9209	-26478 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	200	18	106	111	236	0	469	203	101	238	500	344	-696 (TON/LWC)
UR-L.1 TOTAL	22	1	4	4	10	0	14	8	4	9	20		-36 (KG/HA)
MAIZ:	1	0	3	4	4	0	12	6	4	9	20		-40 (KG/HA)
MILL:	9	1	5	4	4	0	12	11	4	9	20		-42 (KG/HA)
PULS:	2	0	2	4	15	0	12	5	4	9	20		-29 (KG/HA)
GROU:	3	2	7	4	38	0	37	15	2	7	20		-30 (KG/HA)
SESA:	7	1	2	4	4	0	9	3	4	9	20		-34 (KG/HA)
UR-L.2 TOTAL	6	0	4	4	4	0	26	3	2	7	10		-36
SPOT:	2	0	4	4	4	0	33	4	2	7	10		-44
CASS:	1	0	4	4	4	0	15	6	2	7	10		-28
OTHR:	2	0	4	4	4	0	16	2	4	9	10		-29
VEGE:	1	0	4	4	4	0	44	4	0	5	10		-51
FALLOW:	172											2	(KG/HA)
GR TOTAL	2519	820	724	3431	7793	0	12237	2420	2283	5707	8205	3728	-14356
GR-L.1 TOTAL	358	2	0	5	18	0	21	4	3	8	15		-26
MAIZ:	76	1	0	5	5	0	8	2	5	9	15		-28
MILL:	67	1	0	5	5	0	15	6	3	7	15		-35
PULS:	8	0	0	5	16	0	12	2	4	9	15		-21
GROU:	130	4	0	5	39	0	37	6	2	6	15		-18
SESA:	77	1	0	5	5	0	12	2	5	9	15		-32
GR-L.2 TOTAL	207	0	3	5	5	0	18	4	3	7	10		-29
SPOT:	14	0	4	5	5	0	39	3	2	6	10		-46
CASS:	169	0	4	5	5	0	15	5	3	8	10		-27
OTHR:	10	0	4	5	5	0	16	1	5	9	10		-27
VEGE:	10	0	4	5	5	0	46	3	1	5	10		-51
FRUI:	3	0	4	5	5	0	8	1	6	10	10		-21
TOBA:	1	0	4	5	5	0	73	0	0	4	10		-73
GR-L.3 TOTAL	27	0	0	5	5	0	7	2	5	9	5		-18
PLAN:	11	0	0	5	5	0	4	1	5	9	5		-14
BANA:	15	0	0	5	5	0	7	2	5	9	5		-18
CITR:	1	0	0	5	5	0	39	3	1	5	5		-43

Cameroon

Table 41 The P205-balance per crop and Land Use System for Central African Republic, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5837	100	411	2474	0	100	8917	2182	0	0	4485	9209	-3291 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	200	1	49	42	0	0	204	101	0	0	187	344	-56 (TON/LWC)
UR-L.1 TOTAL	22	0	2	1	0	0	7	4	0	0	7		-15 (KG/HA)
MAIZ:	1	0	1	1	0	0	7	3	0	0	8		-16 (KG/HA)
MILL:	9	0	2	1	0	0	8	4	0	0	8		-17 (KG/HA)
PULS:	2	0	0	1	0	0	5	1	0	0	8		-13 (KG/HA)
GROU:	3	0	3	1	0	0	14	6	0	0	8		-24 (KG/HA)
SESA:	7	0	1	1	0	0	4	3	0	0	8		-13 (KG/HA)
UR-L.2 TOTAL	6	0	2	1	0	0	7	3	0	0	4		-11
SPOT:	2	0	2	1	0	0	12	5	0	0	4		-18
CASS:	1	0	2	1	0	0	4	3	0	0	4		-8
OTHR:	2	0	2	1	0	0	2	1	0	0	4		-4
VEGE:	1	0	2	1	0	0	10	4	0	0	4		-15
FALLOW:	172											2	(KG/HA)
GR TOTAL	2519	70	362	1299	0	0	5303	1213	0	0	2461	3728	-3518
GR-L.1 TOTAL	358	0	0	2	0	0	9	2	0	0	4		-13
MAIZ:	76	0	0	2	0	0	5	1	0	0	4		-8
MILL:	67	0	0	2	0	0	11	2	0	0	4		-15
PULS:	8	0	0	2	0	0	5	0	0	0	4		-7
GROU:	130	1	0	2	0	0	14	2	0	0	4		-17
SESA:	77	0	0	2	0	0	6	1	0	0	4		-9
GR-L.2 TOTAL	207	0	2	2	0	0	5	3	0	0	3		-7
SPOT:	14	0	2	2	0	0	15	4	0	0	3		-18
CASS:	169	0	2	2	0	0	4	3	0	0	3		-6
OTHR:	10	0	2	2	0	0	2	1	0	0	3		-2
VEGE:	10	0	2	2	0	0	11	3	0	0	3		-13
FRUI:	3	0	2	2	0	0	2	0	0	0	3		-1
TOBA:	1	0	2	2	0	0	24	0	0	0	3		-23
GR-L.3 TOTAL	27	0	0	2	0	0	3	1	0	0	1		-3
PLAN:	11	0	0	2	0	0	1	1	0	0	2		-2
BANA:	15	0	0	2	0	0	4	1	0	0	2		-5
CITR:	1	0	0	2	0	0	11	2	0	0	2		-13

Cameroon

Table 42 The K20-balance per crop and Land Use System for Central African Republic, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5837	100	1373	5134	0	182	15625	5896	4424	0	11123	4604	-25675 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	200	1	235	87	0	0	278	468	152	0	375	172	-778 (TON/LWC)
UR-L.1 TOTAL	22	0	9	3	0	0	5	20	6	0	15		-34 (KG/HA)
MAIZ:	1	0	7	3	0	0	4	15	6	0	15		-30 (KG/HA)
MILL:	9	0	16	3	0	0	4	35	7	0	15		-42 (KG/HA)
PULS:	2	0	3	3	0	0	8	7	5	0	15		-29 (KG/HA)
GROU:	3	0	8	3	0	0	10	18	6	0	15		-38 (KG/HA)
SESA:	7	0	3	3	0	0	2	6	5	0	15		-22 (KG/HA)
UR-L.2 TOTAL	6	0	6	3	0	0	29	5	3	0	7		-35
SPOT:	2	0	7	3	0	0	60	7	0	0	8		-65
CASS:	1	0	7	3	0	0	18	2	6	0	8		-24
OTHR:	2	0	7	3	0	0	12	3	5	0	8		-18
VEGE:	1	0	7	3	0	0	15	12	2	0	8		-27
FALLOW:	172											1	(KG/HA)
GR TOTAL	2519	70	1138	2696	0	0	7886	3585	2621	0	6154	1864	-14478
GR-L.1 TOTAL	358	0	0	4	0	0	6	8	2	0	11		-23
MAIZ:	76	0	0	4	0	0	3	4	3	0	11		-17
MILL:	67	0	0	4	0	0	5	19	0	0	11		-31
PULS:	8	0	0	4	0	0	8	3	3	0	11		-21
GROU:	130	1	0	4	0	0	10	7	2	0	11		-25
SESA:	77	0	0	4	0	0	3	3	4	0	11		-17
GR-L.2 TOTAL	207	0	5	4	0	0	22	2	5	0	7		-27
SPOT:	14	0	6	4	0	0	71	6	0	0	8		-75
CASS:	169	0	6	4	0	0	18	1	5	0	8		-22
OTHR:	10	0	6	4	0	0	12	3	5	0	8		-18
VEGE:	10	0	6	4	0	0	16	10	1	0	8		-25
FRUI:	3	0	6	4	0	0	9	5	4	0	8		-16
TOBA:	1	0	6	4	0	0	113	0	0	0	8		-111
GR-L.3 TOTAL	27	0	0	4	0	0	30	14	0	0	4		-44
PLAN:	11	0	0	4	0	0	23	8	0	0	4		-31
BANA:	15	0	0	4	0	0	33	17	0	0	4		-50
CITR:	1	0	0	4	0	0	60	23	0	0	4		-83

Chad

NF	TOTAL	86	26	0	190	636	721	437	87	192	856	0	0	1
NF-L.1	TOTAL	48	1	0	4	13	15	9	2	4	18	0		0
	RICE:	27	0	0	4	22	4	6	1	4	18	0		0
	MILL:	4	0	0	4	2	30	13	3	3	17	0		0
	OTHC:	17	1	0	4	2	29	13	2	4	18	0		0
	FALLOW:	38											2	
IR	TOTAL	10	337	0	40	60	100	284	23	113	222	0	0	-105
IR-H.1	TOTAL	10	34	0	4	6	10	28	2	11	22	0		-9
	WHEA:	5	0	0	4	2	10	22	1	2	13	0		-22
	RICE:	2	0	0	4	22	10	10	2	3	14	0		7
	CANE:	3	113	0	4	2	10	50	5	31	42	0		1

Chad

NF	TOTAL	86	26	0	72	0	225	281	42	0	0	0	0	0
NF-L.1	TOTAL	48	1	0	1	0	5	6	1	0	0	0		0
	RICE:	27	0	0	1	0	3	4	1	0	0	0		0
	MILL:	4	0	0	1	0	9	10	1	0	0	0		0
	OTHC:	17	1	0	1	0	6	8	1	0	0	0		0
	FALLOW:	38											2	
IR	TOTAL	10	225	0	15	0	30	190	41	0	0	0	0	39
IR-H.1	TOTAL	10	22	0	1	0	3	19	4	0	0	0		3
	WHEA:	5	0	0	1	0	3	10	1	0	0	0		-7
	RICE:	2	0	0	1	0	3	7	1	0	0	0		-4
	CANE:	3	75	0	1	0	3	42	12	0	0	0		25

Chad

NF	TOTAL	86	1	0	149	0	433	152	288	143	0	0	0	0
NF-L.1	TOTAL	48	0	0	3	0	9	3	6	3	0	0		0
	RICE:	27	0	0	3	0	8	2	5	3	0	0		0
	MILL:	4	0	0	3	0	13	5	11	1	0	0		0
	OTHC:	17	0	0	3	0	10	5	6	3	0	0		0
	FALLOW:	38											1	
IR	TOTAL	10	225	0	31	0	50	396	64	88	0	0	0	-242
IR-H.1	TOTAL	10	22	0	3	0	5	40	6	9	0	0		-25
	WHEA:	5	0	0	3	0	5	7	6	1	0	0		-6
	RICE:	2	0	0	3	0	5	4	6	1	0	0		-3
	CANE:	3	75	0	3	0	5	118	7	27	0	0		-69

Chad

NF	TOTAL	108	401	0	261	912	1269	1177	247	253	1166	0	0	0
NF-L.1	TOTAL	66	6	0	4	14	19	18	4	4	18	0		-1
	RICE:	39	8	0	4	22	8	15	4	5	19	0		0
	MILL:	9	1	0	4	2	31	15	4	2	16	0		0
	OTHC:	18	4	0	4	2	38	25	4	2	16	0		0
	FALLOW:	42											2	
IR	TOTAL	15	791	0	59	110	150	749	55	211	375	0	0	-280
IR-H.1	TOTAL	15	53	0	4	7	10	50	4	14	25	0		-19
	WHEA:	7	30	0	4	2	10	60	2	7	18	0		-41
	RICE:	4	20	0	4	22	10	29	4	6	17	0		0
	CANE:	4	125	0	4	2	10	53	5	35	46	0		2

Chad

NF	TOTAL	108	182	0	99	0	605	767	120	0	0	0	0	-1
NF-L.1	TOTAL	66	3	0	1	0	9	12	2	0	0	0		-1
	RICE:	39	3	0	1	0	7	10	2	0	0	0		0
	MILL:	9	1	0	1	0	10	11	2	0	0	0		0
	OTHC:	18	3	0	1	0	13	15	2	0	0	0		0
	FALLOW:	42											2	
IR	TOTAL	15	542	0	22	0	45	441	72	0	0	0	0	96
IR-H.1	TOTAL	15	36	0	1	0	3	29	5	0	0	0		6
	WHEA:	7	30	0	1	0	3	27	2	0	0	0		5
	RICE:	4	8	0	1	0	3	19	2	0	0	0		-9
	CANE:	4	75	0	1	0	3	44	12	0	0	0		23

Chad

NF	TOTAL	108	28	0	205	0	1028	411	845	6	0	0	0	-1
NF-L.1	TOTAL	66	0	0	3	0	16	6	13	0	0	0	0	0
	RICE:	39	0	0	3	0	16	5	13	0	0	0	0	0
	MILL:	9	0	0	3	0	14	5	12	0	0	0	0	0
	OTHC:	18	1	0	3	0	16	9	12	0	0	0	0	0
	FALLOW:	42											1	
IR	TOTAL	15	405	0	47	0	75	666	217	117	0	0	0	-473
IR-H.1	TOTAL	15	27	0	3	0	5	44	14	8	0	0	0	-31
	WHEA:	7	15	0	3	0	5	19	17	2	0	0	0	-15
	RICE:	4	0	0	3	0	5	10	17	0	0	0	0	-19
	CANE:	4	75	0	3	0	5	123	7	26	0	0	0	-73

Congo

Table 49 The N-balance per crop and Land Use System for Congo, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	708	704	0	1435	1994	188	4662	584	954	2870	2701	796	-6654 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	53	113	0	179	345	0	715	87	99	275	350	32	-857 (TON/LWC)
GR-L.1 TOTAL	10	5	0	5	21	0	20	2	4	9	10		-14 (KG/HA)
MAIZ:	2	0	0	5	5	0	13	2	3	8	10		-26 (KG/HA)
PULS:	4	8	0	5	18	0	14	1	6	11	10		-11 (KG/HA)
GROU:	4	4	0	5	32	0	30	3	2	7	10		-11 (KG/HA)
GR-L.2 TOTAL	23	3	0	5	5	0	21	3	2	6	10		-29
CASS:	14	2	0	5	5	0	25	4	0	5	10		-32
VEGE:	2	0	0	5	5	0	34	1	1	6	10		-42
FRUI:	5	6	0	5	5	0	8	1	6	11	10		-20
TOBA:	2	0	0	5	5	0	17	0	4	9	10		-30
GR-H.1 TOTAL	4	0	0	5	5	0	6	1	5	9	5		-16
PLAN:	2	0	0	5	5	0	4	1	5	10	5		-15
BANA:	1	0	0	5	5	0	6	1	4	9	5		-15
CITR:	1	0	0	5	5	0	9	0	4	9	5		-17
FALLOW:	16											2	(KG/HA)
PR TOTAL	597	574	0	1204	1551	0	3788	475	808	2468	2351	764	-5797
PR-L.1 TOTAL	36	4	0	6	18	0	17	2	5	13	20		-29
MAIZ:	9	0	0	6	5	0	8	1	5	13	20		-36
PULS:	8	8	0	6	16	0	12	1	7	15	20		-25
GROU:	19	4	0	6	25	0	22	2	5	12	20		-26
PR-L.2 TOTAL	126	3	0	6	5	0	23	3	2	10	10		-34
SPOT:	4	0	0	6	5	0	28	1	3	10	10		-41
CASS:	76	2	0	6	5	0	28	5	0	8	10		-38
OTHR:	3	0	0	6	5	0	29	1	3	10	10		-42
PLAN:	8	0	0	6	5	0	5	1	6	13	10		-24
VEGE:	9	0	0	6	5	0	28	1	3	11	10		-42
FRUI:	26	6	0	6	5	0	9	1	7	15	10		-25

Congo

PR-H.1 TOTAL	53	2	0	6	5	0	6	0	6	14	7			-20
CANE:	11	8	0	6	5	0	9	0	8	16	7			-21
BANA:	4	0	0	6	5	0	8	1	5	13	7			-23
PALM:	30	0	0	6	5	0	1	0	6	14	7			-17
COCO:	4	0	0	6	5	0	16	1	4	12	7			-29
COFF:	4	0	0	6	5	0	21	0	4	12	7			-33
FALLOW:	382												2	
NF TOTAL	55	5	0	36	52	158	111	17	32	90	0	0		1
NF-L.1 TOTAL	2	0	0	6	22	5	6	1	9	18	0			-1
RICE:	2	0	0	6	22	5	6	1	9	18	0			0
NF-L.2 TOTAL	4	1	0	6	2	37	25	4	4	13	0			0
CASS:	4	1	0	6	2	37	25	4	4	13	0			0
FALLOW:	49												2	
IR TOTAL	3	12	0	16	46	30	48	5	15	37	0	0		-1
IR-H.1 TOTAL	3	4	0	5	15	10	16	2	5	12	0			-1
RICE:	2	0	0	5	22	10	6	1	5	12	0			13
CANE:	1	13	0	5	2	10	36	4	5	12	0			-27

Congo

Table 50 The P205-balance per crop and Land Use System for Congo, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	708	0	0	543	0	38	1443	311	0	0	810	796	-1187 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	53	0	0	68	0	0	217	42	0	0	105	32	-264 (TON/LWC)
GR-L.1 TOTAL	10	0	0	2	0	0	8	1	0	0	3		-10 (KG/HA)
MAIZ:	2	0	0	2	0	0	8	1	0	0	3		-10 (KG/HA)
PULS:	4	0	0	2	0	0	5	0	0	0	3		-6 (KG/HA)
GROU:	4	0	0	2	0	0	11	1	0	0	3		-13 (KG/HA)
GR-L.2 TOTAL	23	0	0	2	0	0	6	1	0	0	3		-8
CASS:	14	0	0	2	0	0	6	2	0	0	3		-9
VEGE:	2	0	0	2	0	0	8	1	0	0	3		-10
FRUI:	5	0	0	2	0	0	2	0	0	0	3		-3
TOBA:	2	0	0	2	0	0	6	0	0	0	3		-7
GR-H.1 TOTAL	4	0	0	2	0	0	2	0	0	0	1		-1
PLAN:	2	0	0	2	0	0	1	0	0	0	2		-1
BANA:	1	0	0	2	0	0	4	0	0	0	2		-4
CITR:	1	0	0	2	0	0	3	0	0	0	2		-3
FALLOW:	16											2	(KG/HA)
PR TOTAL	597	0	0	456	0	0	1154	251	0	0	705	764	-890
PR-L.1 TOTAL	36	0	0	2	0	0	7	1	0	0	6		-12
MAIZ:	9	0	0	2	0	0	5	1	0	0	6		-10
PULS:	8	0	0	2	0	0	5	0	0	0	6		-9
GROU:	19	0	0	2	0	0	8	1	0	0	6		-13
PR-L.2 TOTAL	126	0	0	2	0	0	6	2	0	0	3		-9
SPOT:	4	0	0	2	0	0	11	2	0	0	3		-14
CASS:	76	0	0	2	0	0	7	2	0	0	3		-10
OTHR:	3	0	0	2	0	0	4	1	0	0	3		-6
PLAN:	8	0	0	2	0	0	1	0	0	0	3		-2
VEGE:	9	0	0	2	0	0	7	1	0	0	3		-9
FRUI:	26	0	0	2	0	0	2	0	0	0	3		-3

Congo

PR-H.1	TOTAL	53	0	0	2	0	0	3	0	0	0	2		-3
	CANE:	11	0	0	2	0	0	8	1	0	0	2		-9
	BANA:	4	0	0	2	0	0	5	0	0	0	2		-5
	PALM:	30	0	0	2	0	0	1	0	0	0	2		-1
	COCO:	4	0	0	2	0	0	8	0	0	0	2		-8
	COFF:	4	0	0	2	0	0	4	1	0	0	2		-5
	FALLOW:	382											2	
NF	TOTAL	55	0	0	13	0	29	34	9	0	0	0	0	-1
NF-L.1	TOTAL	2	0	0	2	0	2	4	0	0	0	0		0
	RICE:	2	0	0	2	0	2	4	0	0	0	0		0
NF-L.2	TOTAL	4	0	0	2	0	6	6	2	0	0	0		0
	CASS:	4	0	0	2	0	6	6	2	0	0	0		0
	FALLOW:	49											2	
IR	TOTAL	3	0	0	6	0	9	38	9	0	0	0	0	-32
IR-H.1	TOTAL	3	0	0	2	0	3	13	3	0	0	0		-11
	RICE:	2	0	0	2	0	3	4	0	0	0	0		1
	CANE:	1	0	0	2	0	3	30	8	0	0	0		-33

Congo

Table 51 The K20-balance per crop and Land Use System for Congo, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	708	1104	0	1127	0	177	5119	504	1120	0	2025	398	-5962 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	53	80	0	141	0	0	709	86	70	0	262	16	-890 (TON/LWC)
GR-L.1 TOTAL	10	2	0	4	0	0	8	3	3	0	7		-15 (KG/HA)
MAIZ:	2	0	0	4	0	0	5	5	2	0	8		-16 (KG/HA)
PULS:	4	0	0	4	0	0	9	2	2	0	8		-17 (KG/HA)
GROU:	4	4	0	4	0	0	8	4	4	0	8		-16 (KG/HA)
GR-L.2 TOTAL	23	3	0	4	0	0	24	1	2	0	7		-27
CASS:	14	2	0	4	0	0	30	1	1	0	8		-34
VEGE:	2	0	0	4	0	0	12	4	0	0	8		-20
FRUI:	5	6	0	4	0	0	10	2	4	0	8		-14
TOBA:	2	0	0	4	0	0	26	0	2	0	8		-32
GR-H.1 TOTAL	4	0	0	4	0	0	21	4	0	0	4		-25
PLAN:	2	0	0	4	0	0	21	4	0	0	4		-25
BANA:	1	0	0	4	0	0	28	7	0	0	4		-35
CITR:	1	0	0	4	0	0	14	3	0	0	4		-17
FALLOW:	16											1	(KG/HA)
PR TOTAL	597	1007	0	946	0	0	4198	397	983	0	1763	382	-5006
PR-L.1 TOTAL	36	2	0	4	0	0	6	3	5	0	15		-23
MAIZ:	9	0	0	4	0	0	3	3	4	0	15		-21
PULS:	8	0	0	4	0	0	8	2	4	0	15		-25
GROU:	19	4	0	4	0	0	6	3	6	0	15		-22
PR-L.2 TOTAL	126	3	0	4	0	0	27	2	2	0	7		-31
SPOT:	4	0	0	4	0	0	52	2	0	0	8		-58
CASS:	76	2	0	4	0	0	34	1	2	0	8		-39
OTHR:	3	0	0	4	0	0	22	2	1	0	8		-29
PLAN:	8	0	0	4	0	0	27	5	0	0	8		-36
VEGE:	9	0	0	4	0	0	10	3	2	0	8		-19
FRUI:	26	6	0	4	0	0	11	3	5	0	8		-17

Congo

PR-H.1	TOTAL	53	11	0	4	0	0	10	1	10	0	5		-11
	CANE:	11	8	0	4	0	0	22	1	7	0	5		-23
	BANA:	4	0	0	4	0	0	35	9	0	0	5		-45
	PALM:	30	17	0	4	0	0	2	0	14	0	5		0
	COCO:	4	0	0	4	0	0	9	2	3	0	5		-15
	COFF:	4	0	0	4	0	0	12	1	4	0	5		-18
	FALLOW:	382											1	
NF	TOTAL	55	5	0	28	0	162	124	9	61	0	0	0	1
NF-L.1	TOTAL	2	0	0	5	0	11	2	3	11	0	0		0
	RICE:	2	0	0	5	0	11	2	3	11	0	0		0
NF-L.2	TOTAL	4	1	0	5	0	35	30	1	10	0	0		0
	CASS:	4	1	0	5	0	35	30	1	10	0	0		0
	FALLOW:	49											1	
IR	TOTAL	3	12	0	12	0	15	88	12	6	0	0	0	-67
IR-H.1	TOTAL	3	4	0	4	0	5	29	4	2	0	0		-22
	RICE:	2	0	0	4	0	5	2	3	3	0	0		1
	CANE:	1	13	0	4	0	5	84	5	0	0	0		-67

Congo

Table 52 The N-balance per crop and Land Use System for Congo, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	900	2110	0	1956	2873	278	8054	1005	1421	3928	3753	940	-10004 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	73	345	0	257	465	0	1228	150	173	411	510	39	-1366 (TON/LWC)
GR-L.1 TOTAL	18	9	0	5	16	0	22	3	5	10	10		-20 (KG/HA)
MAIZ:	8	6	0	5	5	0	22	3	4	9	10		-32 (KG/HA)
PULS:	5	15	0	5	18	0	14	1	8	13	10		-8 (KG/HA)
GROU:	5	7	0	5	32	0	30	3	3	8	10		-10 (KG/HA)
GR-L.2 TOTAL	31	5	0	5	5	0	26	3	2	6	10		-32
CASS:	19	3	0	5	5	0	29	5	0	4	10		-35
VEGE:	3	7	0	5	5	0	40	1	2	7	10		-43
FRUI:	7	12	0	5	5	0	10	1	7	12	10		-18
TOBA:	2	0	0	5	5	0	34	0	2	7	10		-43
GR-H.1 TOTAL	4	4	0	5	5	0	7	1	5	10	5		-14
PLAN:	2	8	0	5	5	0	4	1	7	12	5		-11
BANA:	1	0	0	5	5	0	8	1	4	9	5		-17
CITR:	1	0	0	5	5	0	12	0	4	9	5		-20
FALLOW:	20											2	(KG/HA)
PR TOTAL	738	1726	0	1613	2198	0	6525	813	1168	3302	3243	901	-8613
PR-L.1 TOTAL	54	8	0	6	19	0	23	3	6	13	20		-32
MAIZ:	23	6	0	6	5	0	18	3	6	13	20		-43
PULS:	8	15	0	6	21	0	18	2	9	16	20		-23
GROU:	23	7	0	6	32	0	30	3	4	12	20		-24
PR-L.2 TOTAL	175	5	0	6	5	0	27	4	3	10	10		-38
POTA:	1	0	0	6	5	0	28	1	3	10	10		-41
SPOT:	7	0	0	6	5	0	29	1	3	10	10		-42
CASS:	105	3	0	6	5	0	33	5	0	7	10		-41
OTHR:	5	0	0	6	5	0	34	1	2	10	10		-46
PLAN:	11	8	0	6	5	0	6	1	8	15	10		-21
VEGE:	12	7	0	6	5	0	34	1	4	12	10		-43
FRUI:	34	12	0	6	5	0	12	1	8	16	10		-24

Congo

PR-H.1	TOTAL	59	6	0	6	5	0	10	1	7	15	7		-23
	CANE:	9	20	0	6	5	0	13	1	11	19	7		-20
	BANA:	5	0	0	6	5	0	10	1	4	12	7		-23
	PALM:	33	0	0	6	5	0	2	0	6	14	7		-18
	COCO:	7	14	0	6	5	0	24	1	7	15	7		-29
	COFF:	5	20	0	6	5	0	31	0	9	17	7		-33
	FALLOW:	450											2	
NF	TOTAL	85	9	0	65	142	238	193	28	64	170	0	0	-1
NF-L.1	TOTAL	6	0	0	6	22	9	10	1	8	17	0		1
	RICE:	6	0	0	6	22	9	10	1	8	17	0		0
NF-L.2	TOTAL	5	2	0	6	2	37	26	4	4	13	0		0
	CASS:	5	2	0	6	2	37	26	4	4	13	0		0
	FALLOW:	74											2	
IR	TOTAL	4	30	0	21	68	40	108	14	16	45	0	0	-24
IR-H.1	TOTAL	4	7	0	5	17	10	27	4	4	11	0		-7
	RICE:	3	0	0	5	22	10	21	3	3	10	0		0
	CANE:	1	30	0	5	2	10	45	5	8	16	0		-27

Congo

Table 53 The P205-balance per crop and Land Use System for Congo, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	900	0	0	741	0	78	2613	528	0	0	1126	940	-2508 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	73	0	0	97	0	0	402	74	0	0	153	39	-493 (TON/LWC)
GR-L.1 TOTAL	18	0	0	2	0	0	10	1	0	0	3		-12 (KG/HA)
MAIZ:	8	0	0	2	0	0	12	2	0	0	3		-15 (KG/HA)
PULS:	5	0	0	2	0	0	5	0	0	0	3		-6 (KG/HA)
GROU:	5	0	0	2	0	0	11	1	0	0	3		-13 (KG/HA)
GR-L.2 TOTAL	31	0	0	2	0	0	7	2	0	0	3		-10
CASS:	19	0	0	2	0	0	8	2	0	0	3		-11
VEGE:	3	0	0	2	0	0	9	1	0	0	3		-11
FRUI:	7	0	0	2	0	0	3	0	0	0	3		-4
TOBA:	2	0	0	2	0	0	11	0	0	0	3		-12
GR-H.1 TOTAL	4	0	0	2	0	0	3	0	0	0	1		-2
PLAN:	2	0	0	2	0	0	1	0	0	0	2		-1
BANA:	1	0	0	2	0	0	4	0	0	0	2		-4
CITR:	1	0	0	2	0	0	3	0	0	0	2		-3
FALLOW:	20											2	(KG/HA)
PR TOTAL	738	0	0	611	0	0	2055	425	0	0	973	901	-1941
PR-L.1 TOTAL	54	0	0	2	0	0	10	1	0	0	6		-15
MAIZ:	23	0	0	2	0	0	10	1	0	0	6		-15
PULS:	8	0	0	2	0	0	7	0	0	0	6		-11
GROU:	23	0	0	2	0	0	11	1	0	0	6		-16
PR-L.2 TOTAL	175	0	0	2	0	0	7	2	0	0	3		-10
POTA:	1	0	0	2	0	0	19	1	0	0	3		-21
SPOT:	7	0	0	2	0	0	11	2	0	0	3		-14
CASS:	105	0	0	2	0	0	9	3	0	0	3		-13
OTHR:	5	0	0	2	0	0	5	1	0	0	3		-7
PLAN:	11	0	0	2	0	0	2	1	0	0	3		-4
VEGE:	12	0	0	2	0	0	8	1	0	0	3		-10
FRUI:	34	0	0	2	0	0	3	0	0	0	3		-4

Congo

PR-H.1	TOTAL	59	0	0	2	0	0	5	0	0	0	2		-5
	CANE:	9	0	0	2	0	0	11	2	0	0	2		-13
	BANA:	5	0	0	2	0	0	6	1	0	0	2		-7
	PALM:	33	0	0	2	0	0	1	0	0	0	2		-1
	COCO:	7	0	0	2	0	0	12	1	0	0	2		-13
	COFF:	5	0	0	2	0	0	5	1	0	0	2		-6
	FALLOW:	450											2	
NF	TOTAL	85	0	0	25	0	66	76	15	0	0	0	0	0
NF-L.1	TOTAL	6	0	0	2	0	5	7	1	0	0	0		-1
	RICE:	6	0	0	2	0	5	7	1	0	0	0		0
NF-L.2	TOTAL	5	0	0	2	0	7	7	2	0	0	0		0
	CASS:	5	0	0	2	0	7	7	2	0	0	0		0
	FALLOW:	74											2	
IR	TOTAL	4	0	0	8	0	12	80	14	0	0	0	0	-74
IR-H.1	TOTAL	4	0	0	2	0	3	20	4	0	0	0		-19
	RICE:	3	0	0	2	0	3	14	1	0	0	0		-10
	CANE:	1	0	0	2	0	3	38	11	0	0	0		-44

Congo

Table 54 The K20-balance per crop and Land Use System for Congo, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	900	2304	0	1536	0	273	8384	1004	1591	0	2814	470	-9210 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	73	181	0	202	0	0	1145	168	94	0	382	20	-1386 (TON/LWC)
GR-L.1 TOTAL	18	1	0	4	0	0	8	5	2	0	7		-17 (KG/HA)
MAIZ:	8	0	0	4	0	0	7	7	0	0	8		-18 (KG/HA)
PULS:	5	0	0	4	0	0	9	2	2	0	8		-17 (KG/HA)
GROU:	5	4	0	4	0	0	8	4	3	0	8		-15 (KG/HA)
GR-L.2 TOTAL	31	5	0	4	0	0	29	2	2	0	7		-31
CASS:	19	3	0	4	0	0	35	1	1	0	8		-38
VEGE:	3	7	0	4	0	0	14	4	2	0	8		-17
FRUI:	7	10	0	4	0	0	12	3	5	0	8		-14
TOBA:	2	0	0	4	0	0	52	0	0	0	8		-56
GR-H.1 TOTAL	4	4	0	4	0	0	25	5	1	0	4		-27
PLAN:	2	8	0	4	0	0	24	5	1	0	4		-22
BANA:	1	0	0	4	0	0	35	9	0	0	4		-44
CITR:	1	0	0	4	0	0	19	4	0	0	4		-23
FALLOW:	20											1	(KG/HA)
PR TOTAL	738	2099	0	1267	0	0	6931	759	1397	0	2432	450	-7703
PR-L.1 TOTAL	54	2	0	4	0	0	8	5	3	0	15		-25
MAIZ:	23	0	0	4	0	0	6	6	2	0	15		-25
PULS:	8	0	0	4	0	0	12	3	3	0	15		-29
GROU:	23	4	0	4	0	0	8	4	5	0	15		-24
PR-L.2 TOTAL	175	5	0	4	0	0	33	2	2	0	7		-35
POTA:	1	0	0	4	0	0	52	3	0	0	8		-59
SPOT:	7	0	0	4	0	0	53	2	0	0	8		-59
CASS:	105	3	0	4	0	0	40	1	2	0	8		-44
OTHR:	5	0	0	4	0	0	26	3	0	0	8		-33
PLAN:	11	8	0	4	0	0	33	6	0	0	8		-35
VEGE:	12	7	0	4	0	0	12	4	4	0	8		-17
FRUI:	34	10	0	4	0	0	14	3	6	0	8		-17

Congo

PR-H.1	TOTAL	59	20	0	4	0	0	14	2	14	0	5		-11
	CANE:	9	10	0	4	0	0	31	1	7	0	5		-30
	BANA:	5	0	0	4	0	0	44	12	0	0	5		-57
	PALM:	33	27	0	4	0	0	3	0	19	0	5		4
	COCO:	7	14	0	4	0	0	14	2	9	0	5		-12
	COFF:	5	20	0	4	0	0	18	1	13	0	5		-13
	FALLOW:	450												1
NF	TOTAL	85	9	0	51	0	253	180	34	100	0	0	0	-1
NF-L.1	TOTAL	6	0	0	5	0	12	4	5	8	0	0		0
	RICE:	6	0	0	5	0	12	4	5	8	0	0		0
NF-L.2	TOTAL	5	2	0	5	0	36	32	1	10	0	0		0
	CASS:	5	2	0	5	0	36	32	1	10	0	0		0
	FALLOW:	74												1
IR	TOTAL	4	15	0	16	0	20	128	43	0	0	0	0	-120
IR-H.1	TOTAL	4	4	0	4	0	5	32	11	0	0	0		-30
	RICE:	3	0	0	4	0	5	7	12	0	0	0		-10
	CANE:	1	15	0	4	0	5	106	6	0	0	0		-88

Côte d'Ivoire

Table 55 The N-balance per crop and Land Use System for Côte d'Ivoire, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	6945	9306	1923	25738	29107	2663	83991	9445	22887	58905	71615	4274	-173832 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	2093	2244	1358	3170	5326	0	12267	2104	2800	7651	6764	2931	-16557 (TON/LWC)
GR-L.1 TOTAL	231	1	3	5	8	0	17	6	4	9	10		-29 (KG/HA)
MAIZ:	124	2	3	5	5	0	18	6	4	9	10		-32 (KG/HA)
MILL:	53	0	3	5	5	0	10	6	5	9	10		-27 (KG/HA)
SORG:	24	0	2	5	5	0	10	5	5	9	10		-27 (KG/HA)
OTHC:	10	0	2	5	5	0	10	4	5	9	10		-26 (KG/HA)
PULS:	2	8	2	5	23	0	20	5	6	11	10		-14 (KG/HA)
SOYB:	5	0	2	5	25	0	25	4	3	8	10		-18 (KG/HA)
GROU:	12	4	5	5	42	0	41	11	2	7	10		-15 (KG/HA)
SESA:	1	0	2	5	5	0	18	4	4	8	10		-32 (KG/HA)
GR-L.2 TOTAL	201	2	3	5	5	0	18	2	5	9	10		-29
SPOT:	29	2	4	5	5	0	45	4	1	6	10		-50
CASS:	26	0	4	5	5	0	21	7	1	6	10		-31
OTHR:	38	0	4	5	5	0	6	0	6	11	10		-19
VEGE:	50	1	4	5	5	0	22	2	4	9	10		-32
FRUI:	16	9	4	5	5	0	18	3	6	11	10		-25
OILC:	33	3	4	5	5	0	1	0	8	12	10		-14
TOBA:	9	0	4	5	5	0	17	0	5	10	10		-28
GR-L.3 TOTAL	65	7	0	5	5	0	21	0	4	27	10		-45
COTT:	65	7	0	5	5	0	21	0	4	27	10		-45
GR-L.4 TOTAL	17	6	0	5	5	0	9	1	6	11	5		-16
PLAN:	8	1	0	5	5	0	4	1	5	10	5		-14
BANA:	1	0	0	5	5	0	6	1	5	9	5		-16
CITR:	8	13	0	5	5	0	15	1	8	12	5		-18
GR-H.1 TOTAL	49	6	0	5	37	0	41	4	2	7	15		-21
GROU:	49	6	0	5	38	0	41	4	2	7	15		-20

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GR-H.2 TOTAL	65	11	0	5	5	0	21	0	6	23	15		-44

COTT:	65	11	0	5	5	0	21	0	6	23	15		-44
FALLOW:	1465											2	(KG/HA)
PR TOTAL	4478	5763	565	21319	19724	0	66862	6143	19121	48268	64851	1343	-156531
PR-L.1 TOTAL	663	3	1	6	5	0	11	2	6	13	15		-32

RICE:	198	4	1	6	5	0	10	2	6	14	15		-31
MAIZ:	438	2	1	6	5	0	12	2	6	13	15		-34
MILL:	3	0	1	6	5	0	6	1	6	13	15		-29
SORG:	4	0	1	6	5	0	7	1	6	13	15		-30
PULS:	10	8	1	6	16	0	12	1	8	15	15		-20
GROU:	4	4	2	6	39	0	37	4	3	11	15		-19
SESA:	6	0	1	6	5	0	15	1	5	12	15		-36
PR-L.2 TOTAL	797	1	0	6	5	0	23	2	3	11	10		-37

POTA:	2	0	0	6	5	0	53	3	0	6	10		-61
SPOT:	234	2	0	6	5	0	44	2	1	9	10		-53
CASS:	208	0	0	6	5	0	21	3	1	9	10		-33
OTHR:	118	0	0	6	5	0	6	0	6	14	10		-25
VEGE:	111	1	0	6	5	0	21	1	4	12	10		-36
FRUI:	16	9	0	6	5	0	15	1	7	15	10		-28
PLAN:	108	1	0	6	5	0	4	1	6	14	10		-23
PR-H.1 TOTAL	2346	1	0	6	5	0	17	1	5	13	20		-44

PLAN:	108	1	0	6	5	0	4	1	6	14	20		-33
BANA:	23	0	0	6	5	0	7	2	5	13	20		-36
PALM:	113	0	0	6	5	0	5	1	6	14	20		-35
GROU:	15	4	0	6	35	0	37	2	3	11	20		-28
COCN:	51	6	0	6	5	0	311	28	0	3	20		-345
COCO:	993	3	0	6	5	0	16	2	5	13	20		-42
COFF:	1015	0	0	6	5	0	7	0	6	14	20		-36
RUBB:	28	7	0	6	5	0	8	0	8	16	20		-34
FALLOW:	672											2	
NF TOTAL	335	432	0	1053	3762	2274	3508	1046	651	2316	0	0	0
NF-L.1 TOTAL	175	2	0	5	21	8	16	5	4	12	0		-1

RICE:	168	2	0	5	22	7	16	6	3	12	0		0
SORG:	7	0	0	5	2	13	0	0	6	15	0		0

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NF-L.2 TOTAL	26	1	0	5	2	36	30	3	1	9	0		1

SPOT:	11	1	0	5	2	47	44	3	0	9	0		0
CASS:	10	0	0	5	2	28	21	5	1	9	0		0
OTHR:	2	0	0	5	2	18	6	0	5	14	0		0
VEGE:	3	0	0	5	2	34	27	1	3	11	0		0
FALLOW:	134												2
IR TOTAL	39	867	0	196	295	389	1354	152	315	670	0	0	-744
IR-H.1 TOTAL	39	22	0	5	8	10	35	4	8	17	0		-19

RICE:	11	6	0	5	22	10	28	4	4	13	0		-6
CANE:	28	29	0	5	2	10	38	4	10	19	0		-25

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Table 56 The P205-balance per crop and Land Use System for Côte d'Ivoire, 1983

	AREA :	FERT	MANU	DEPO	FIXA	SEDI :	PROD	RESI	LEAC	GASE	EROS :	FALL :	TOTAL
	000 HA												
TOTAL	6945 :	7203	960	9744	0	2184 :	34773	5730	0	0	21484 :	4274 :	-37622 (TON/CTY)
LR TOTAL	0 :	0	0	0	0	0 :	0	0	0	0	0 :	0 :	0 (TON/LWC)
UR TOTAL	0 :	0	0	0	0	0 :	0	0	0	0	0 :	0 :	0 (TON/LWC)
GR TOTAL	2093 :	1394	677	1200	0	0 :	7180	1120	0	0	2029 :	2931 :	-4127 (TON/LWC)
GR-L.1 TOTAL	231 :	1	1	2	0	0 :	9	3	0	0	3 :		-11 (KG/HA)
MAIZ:	124 :	1	1	2	0	0 :	10	3	0	0	3 :		-12 (KG/HA)
MILL:	53 :	0	1	2	0	0 :	7	2	0	0	3 :		-9 (KG/HA)
SORG:	24 :	0	2	2	0	0 :	9	5	0	0	3 :		-13 (KG/HA)
OTHC:	10 :	0	1	2	0	0 :	6	2	0	0	3 :		-8 (KG/HA)
PULS:	2 :	8	1	2	0	0 :	8	1	0	0	3 :		-1 (KG/HA)
SOYB:	5 :	0	1	2	0	0 :	10	1	0	0	3 :		-11 (KG/HA)
GROU:	12 :	5	2	2	0	0 :	15	5	0	0	3 :		-14 (KG/HA)
SESA:	1 :	0	2	2	0	0 :	8	4	0	0	3 :		-11 (KG/HA)
GR-L.2 TOTAL	201 :	1	2	2	0	0 :	5	2	0	0	3 :		-5
SPOT:	29 :	2	2	2	0	0 :	17	5	0	0	3 :		-19
CASS:	26 :	0	2	2	0	0 :	5	3	0	0	3 :		-7
OTHR:	38 :	0	2	2	0	0 :	1	0	0	0	3 :		0
VEGE:	50 :	0	2	2	0	0 :	5	2	0	0	3 :		-6
FRUI:	16 :	3	2	2	0	0 :	5	1	0	0	3 :		-2
OILC:	33 :	0	2	2	0	0 :	0	0	0	0	3 :		1
TOBA:	9 :	0	2	2	0	0 :	6	0	0	0	3 :		-5
GR-L.3 TOTAL	65 :	4	0	2	0	0 :	24	0	0	0	3 :		-21
COTT:	65 :	4	0	2	0	0 :	24	0	0	0	3 :		-21
GR-L.4 TOTAL	17 :	6	0	2	0	0 :	3	1	0	0	1 :		3
PLAN:	8 :	1	0	2	0	0 :	1	1	0	0	2 :		-1
BANA:	1 :	0	0	2	0	0 :	4	1	0	0	2 :		-5
CITR:	8 :	13	0	2	0	0 :	4	1	0	0	2 :		8
GR-H.1 TOTAL	49 :	7	0	2	0	0 :	15	1	0	0	4 :		-11
GROU:	49 :	7	0	2	0	0 :	15	1	0	0	4 :		-11

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NF-L.2 TOTAL	26	0	0	2	0	10	10	3	0	0	0		-1

SPOT:	11	1	0	2	0	17	16	4	0	0	0		0
CASS:	10	0	0	2	0	6	5	3	0	0	0		0
OTHR:	2	0	0	2	0	0	1	0	0	0	0		1
VEGE:	3	0	0	2	0	6	6	1	0	0	0		0
FALLOW:	134											2	
IR TOTAL	39	631	0	74	0	117	1080	264	0	0	0	0	-522
IR-H.1 TOTAL	39	16	0	2	0	3	28	7	0	0	0		-14

RICE:	11	3	0	2	0	3	19	2	0	0	0		-13
CANE:	28	21	0	2	0	3	31	9	0	0	0		-14

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Table 57 The K20-balance per crop and Land Use System for Côte d'Ivoire, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	6945	20800	4381	20223	0	5183	64754	20937	25659	0	53711	2137	-112337 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	2093	1630	2730	2491	0	0	7940	4612	5155	0	5073	1465	-14464 (TON/LWC)
GR-L.1 TOTAL	231	0	7	4	0	0	6	16	5	0	8		-24 (KG/HA)
MAIZ:	124	0	7	4	0	0	6	16	5	0	8		-24 (KG/HA)
MILL:	53	0	9	4	0	0	3	19	5	0	8		-22 (KG/HA)
SORG:	24	0	6	4	0	0	3	14	5	0	8		-20 (KG/HA)
OTHC:	10	0	5	4	0	0	3	12	5	0	8		-19 (KG/HA)
PULS:	2	0	4	4	0	0	13	8	3	0	8		-24 (KG/HA)
SOYB:	5	0	2	4	0	0	10	4	4	0	8		-20 (KG/HA)
GROU:	12	5	6	4	0	0	11	13	6	0	8		-23 (KG/HA)
SESA:	1	0	3	4	0	0	5	8	4	0	8		-18 (KG/HA)
GR-L.2 TOTAL	201	2	5	4	0	0	21	4	5	0	7		-26
SPOT:	29	8	6	4	0	0	82	7	0	0	8		-79
CASS:	26	0	6	4	0	0	25	2	4	0	8		-29
OTHR:	38	0	6	4	0	0	5	1	6	0	8		-10
VEGE:	50	1	6	4	0	0	7	5	5	0	8		-14
FRUI:	16	13	6	4	0	0	22	11	6	0	8		-24
OILC:	33	0	6	4	0	0	2	0	7	0	8		-7
TOBA:	9	0	6	4	0	0	26	0	5	0	8		-29
GR-L.3 TOTAL	65	3	0	4	0	0	12	0	23	0	7		-35
COTT:	65	3	0	4	0	0	12	0	23	0	8		-36
GR-L.4 TOTAL	17	12	0	4	0	0	22	6	5	0	4		-21
PLAN:	8	1	0	4	0	0	21	6	0	0	4		-26
BANA:	1	0	0	4	0	0	28	11	0	0	4		-39
CITR:	8	25	0	4	0	0	23	6	11	0	4		-15
GR-H.1 TOTAL	49	7	0	4	0	0	11	4	6	0	11		-21
GROU:	49	7	0	4	0	0	11	4	6	0	11		-21

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GR-H.2 TOTAL	65	5	0	4	0	0	12	0	20	0	11	-34	
COTT:	65	5	0	4	0	0	12	0	20	0	11	-34	
FALLOW:	1465											1 (KG/HA)	
PR TOTAL	4478	18441	1651	16751	0	0	52121	12267	20255	0	48638	672	-95766
PR-L.1 TOTAL	663	0	2	4	0	0	4	6	4	0	11	-19	
RICE:	198	1	4	4	0	0	4	9	3	0	11	-18	
MAIZ:	438	0	2	4	0	0	4	4	4	0	11	-17	
MILL:	3	0	2	4	0	0	2	5	4	0	11	-16	
SORG:	4	0	2	4	0	0	2	4	4	0	11	-15	
PULS:	10	0	1	4	0	0	8	2	4	0	11	-20	
GROU:	4	5	2	4	0	0	10	5	6	0	11	-21	
SESA:	6	0	1	4	0	0	4	3	4	0	11	-17	
PR-L.2 TOTAL	797	3	0	4	0	0	36	2	2	0	8	-41	
POTA:	2	0	0	4	0	0	100	6	0	0	8	-110	
SPOT:	234	8	0	4	0	0	81	4	0	0	8	-81	
CASS:	208	0	0	4	0	0	25	1	2	0	8	-32	
OTHR:	118	0	0	4	0	0	5	0	5	0	8	-14	
VEGE:	111	1	0	4	0	0	7	2	3	0	8	-15	
FRUI:	16	13	0	4	0	0	18	4	6	0	8	-19	
PLAN:	108	1	0	4	0	0	24	4	0	0	8	-31	
PR-H.1 TOTAL	2346	7	0	4	0	0	9	3	7	0	15	-23	
PLAN:	108	1	0	4	0	0	24	9	0	0	15	-43	
BANA:	23	0	0	4	0	0	31	17	0	0	15	-59	
PALM:	113	67	0	4	0	0	8	1	38	0	15	9	
GROU:	15	5	0	4	0	0	10	2	6	0	15	-24	
COCN:	51	12	0	4	0	0	60	31	0	0	15	-90	
COCO:	993	7	0	4	0	0	9	3	7	0	15	-23	
COFF:	1015	0	0	4	0	0	4	0	5	0	15	-20	
RUBB:	28	14	0	4	0	0	6	1	12	0	15	-16	
FALLOW:	672											1	
NF TOTAL	335	119	0	827	0	4989	2132	3741	62	0	0	0	
NF-L.1 TOTAL	175	0	0	4	0	22	6	21	0	0	0	-1	
RICE:	168	0	0	4	0	23	6	22	0	0	0	0	
SORG:	7	0	0	4	0	1	0	0	5	0	0	0	

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NF-L.2 TOTAL	26	:	2	0	4	0	43	:	45	3	1	0	0	:	:	0	

SPOT:	11	:	5	0	4	0	76	:	80	5	0	0	0	:	:	0	
CASS:	10	:	0	0	4	0	24	:	25	1	2	0	0	:	:	0	
OTHR:	2	:	0	0	4	0	5	:	5	1	4	0	0	:	:	0	
VEGE:	3	:	0	0	4	0	10	:	9	4	1	0	0	:	:	0	
FALLOW:	134	:						:						:	1	:	

IR TOTAL	39	:	610	0	154	0	194	:	2561	317	187	0	0	:	0	:	-2107
IR-H.1 TOTAL	39	:	16	0	4	0	5	:	66	8	5	0	0	:		:	-54

RICE:	11	:	1	0	4	0	5	:	10	16	0	0	0	:		:	-16
CANE:	28	:	21	0	4	0	5	:	88	5	7	0	0	:		:	-70

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Table 58 The N-balance per crop and Land Use System for Côte d'Ivoire, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	8567	20201	3922	40085	45145	5147	146592	17430	35385	91902106377	2527		-280659 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	2141	4386	2243	4432	7876	0	21113	3854	3754	11026	9310	2527	-27593 (TON/LWC)
GR-L.1 TOTAL	380	1	3	5	8	0	19	7	4	8	10		-31 (KG/HA)
MAIZ:	221	1	2	5	5	0	15	5	4	9	10		-30 (KG/HA)
MILL:	82	0	5	5	5	0	17	11	3	8	10		-34 (KG/HA)
SORG:	38	2	4	5	5	0	17	8	4	9	10		-32 (KG/HA)
OTHC:	12	0	2	5	5	0	12	5	4	9	10		-28 (KG/HA)
PULS:	3	6	3	5	29	0	26	7	5	9	10		-14 (KG/HA)
SOYB:	9	0	7	5	76	0	87	16	0	1	10		-26 (KG/HA)
GROU:	14	5	6	5	49	0	48	13	2	6	10		-14 (KG/HA)
SESA:	1	0	3	5	5	0	27	7	3	7	10		-41 (KG/HA)
GR-L.2 TOTAL	282	2	3	5	5	0	23	3	4	8	10		-33
SPOT:	45	2	4	5	5	0	53	5	0	4	10		-56
CASS:	43	0	4	5	5	0	21	7	1	6	10		-31
OTHR:	58	0	4	5	5	0	6	0	6	11	10		-19
VEGE:	69	1	4	5	5	0	32	2	3	8	10		-40
FRUI:	18	18	4	5	5	0	26	5	8	12	10		-29
OILC:	37	3	4	5	5	0	1	0	8	12	10		-14
TOBA:	12	0	4	5	5	0	22	0	5	9	10		-32
GR-L.3 TOTAL	70	17	0	5	5	0	32	0	5	37	10		-57
COTT:	70	17	0	5	5	0	32	0	5	37	10		-57
GR-L.4 TOTAL	20	6	0	5	5	0	11	1	6	10	5		-17
PLAN:	9	1	0	5	5	0	4	1	5	10	5		-14
BANA:	1	3	0	5	5	0	8	2	5	10	5		-17
CITR:	10	10	0	5	5	0	18	1	6	11	5		-21
GR-H.1 TOTAL	56	8	0	5	44	0	48	5	2	6	15		-19
GROU:	56	8	0	5	44	0	48	5	2	6	15		-19

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GR-H.2 TOTAL	70	25	0	5	5	0	32	0	8	32	15		-52
COTT:	70	25	0	5	5	0	32	0	8	32	15		-52
FALLOW:	1263											2	(KG/HA)
PR TOTAL	6037	12413	1679	33815	31023	0	115648	11067	30286	76558	97067	0	-251696
PR-L.1 TOTAL	2213	2	1	6	5	0	10	2	6	14	15		-33
RICE:	464	8	2	6	5	0	15	4	6	14	15		-33
MAIZ:	1707	1	1	6	5	0	8	1	6	13	15		-30
MILL:	6	0	1	6	5	0	8	2	5	13	15		-31
SORG:	8	2	1	6	5	0	9	2	6	14	15		-32
PULS:	14	6	1	6	18	0	14	1	7	14	15		-20
GROU:	4	5	2	6	42	0	41	4	3	10	15		-18
SESA:	10	0	1	6	5	0	15	1	5	12	15		-36
PR-L.2 TOTAL	1263	1	0	6	5	0	23	2	3	11	10		-37
POTA:	3	33	0	6	5	0	61	3	8	15	10		-53
SPOT:	451	2	0	6	5	0	39	2	2	9	10		-49
CASS:	319	0	0	6	5	0	16	3	3	10	10		-31
OTHR:	183	0	0	6	5	0	6	0	6	14	10		-25
VEGE:	173	1	0	6	5	0	25	1	4	11	10		-39
FRUI:	20	18	0	6	5	0	22	2	8	16	10		-29
PLAN:	114	1	0	6	5	0	4	1	6	14	10		-23
PR-H.1 TOTAL	2561	2	0	6	5	0	25	2	5	13	20		-52
PLAN:	114	1	0	6	5	0	4	1	6	14	20		-33
BANA:	29	3	0	6	5	0	9	2	6	13	20		-36
PALM:	153	0	0	6	5	0	7	2	5	13	20		-36
GROU:	15	5	0	6	38	0	41	3	3	11	20		-29
COCN:	73	8	0	6	5	0	366	32	0	3	20		-402
COCO:	928	3	0	6	5	0	24	2	4	12	20		-48
COFF:	1196	1	0	6	5	0	10	0	6	14	20		-38
RUBB:	53	13	0	6	5	0	9	0	10	17	20		-32
NF TOTAL	331	1220	0	1545	5650	4567	6847	2149	772	3214	0	0	0
NF-L.1 TOTAL	264	5	0	5	21	13	22	8	3	11	0		0
RICE:	253	5	0	5	22	13	23	8	3	11	0		0
SORG:	11	1	0	5	2	13	0	0	7	15	0		0

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NF-L.2 TOTAL	31	1	0	5	2	38	32	3	1	10	0		0
SPOT:	17	1	0	5	2	47	44	3	0	8	0		0
CASS:	8	0	0	5	2	24	15	4	2	11	0		0
OTHR:	3	0	0	5	2	19	7	0	5	13	0		0
VEGE:	3	1	0	5	2	35	28	1	3	11	0		0
FALLOW:	36											2	
IR TOTAL	58	2182	0	293	596	580	2984	360	573	1104	0	0	-1370
IR-H.1 TOTAL	58	38	0	5	10	10	51	6	10	19	0		-23
RICE:	24	12	0	5	22	10	46	7	2	11	0		-17
CANE:	34	56	0	5	2	10	55	6	15	25	0		-28

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Table 59 The P205-balance per crop and Land Use System for Côte d'Ivoire, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	8567	14406	1966	15175	0	4465	63021	10481	0	0	31913	2527	-66876 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	2141	2937	1122	1678	0	0	12415	2092	0	0	2793	2527	-9036 (TON/LWC)
GR-L.1 TOTAL	380	1	2	2	0	0	11	4	0	0	3		-13 (KG/HA)
MAIZ:	221	1	1	2	0	0	8	3	0	0	3		-10 (KG/HA)
MILL:	82	0	2	2	0	0	12	4	0	0	3		-15 (KG/HA)
SORG:	38	2	4	2	0	0	15	8	0	0	3		-18 (KG/HA)
OTHC:	12	0	1	2	0	0	7	2	0	0	3		-9 (KG/HA)
PULS:	3	18	1	2	0	0	10	1	0	0	3		7 (KG/HA)
SOYB:	9	11	2	2	0	0	35	5	0	0	3		-28 (KG/HA)
GROU:	14	7	2	2	0	0	18	5	0	0	3		-15 (KG/HA)
SESA:	1	0	3	2	0	0	13	6	0	0	3		-17 (KG/HA)
GR-L.2 TOTAL	282	1	2	2	0	0	7	2	0	0	3		-7
SPOT:	45	2	2	2	0	0	20	6	0	0	3		-23
CASS:	43	0	2	2	0	0	6	4	0	0	3		-9
OTHR:	58	0	2	2	0	0	1	0	0	0	3		0
VEGE:	69	1	2	2	0	0	7	2	0	0	3		-7
FRUI:	18	11	2	2	0	0	7	1	0	0	3		4
OILC:	37	0	2	2	0	0	0	0	0	0	3		1
TOBA:	12	0	2	2	0	0	8	0	0	0	3		-7
GR-L.3 TOTAL	70	9	0	2	0	0	38	0	0	0	3		-30
COTT:	70	9	0	2	0	0	38	0	0	0	3		-30
GR-L.4 TOTAL	20	6	0	2	0	0	3	1	0	0	1		3
PLAN:	9	1	0	2	0	0	1	1	0	0	2		-1
BANA:	1	3	0	2	0	0	4	1	0	0	2		-2
CITR:	10	10	0	2	0	0	5	1	0	0	2		4
GR-H.1 TOTAL	56	10	0	2	0	0	18	1	0	0	4		-11
GROU:	56	10	0	2	0	0	18	1	0	0	4		-11

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NF-L.2 TOTAL	31	1	0	2	0	11	11	3	0	0	0	0	0
SPOT:	17	1	0	2	0	17	17	4	0	0	0	0	0
CASS:	8	0	0	2	0	4	4	2	0	0	0	0	0
OTHR:	3	0	0	2	0	0	1	0	0	0	0	0	1
VEGE:	3	0	0	2	0	6	7	1	0	0	0	0	0
FALLOW:	36											2	
IR TOTAL	58	1432	0	111	0	174	2308	506	0	0	0	0	-1097
IR-H.1 TOTAL	58	25	0	2	0	3	40	9	0	0	0	0	-19
RICE:	24	6	0	2	0	3	31	3	0	0	0	0	-23
CANE:	34	38	0	2	0	3	46	13	0	0	0	0	-16

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Table 60 The K20-balance per crop and Land Use System for Côte d'Ivoire, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	8567	44107	9811	31495	0	10509	105687	41617	44164	0	79782	1263	-174065 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LNC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LNC)
GR TOTAL	2141	3176	4750	3482	0	0	13776	8782	7989	0	6982	1263	-24858 (TON/LNC)
GR-L.1 TOTAL	380	1	8	4	0	0	6	19	5	0	7		-24 (KG/HA)
MAIZ:	221	0	6	4	0	0	5	13	4	0	8		-20 (KG/HA)
MILL:	82	0	16	4	0	0	6	35	5	0	8		-34 (KG/HA)
SORG:	38	0	11	4	0	0	5	24	5	0	8		-27 (KG/HA)
OTHC:	12	0	6	4	0	0	4	14	5	0	8		-21 (KG/HA)
PULS:	3	0	5	4	0	0	17	10	3	0	8		-29 (KG/HA)
SOYB:	9	11	6	4	0	0	34	13	7	0	8		-41 (KG/HA)
GROU:	14	6	7	4	0	0	13	16	7	0	8		-27 (KG/HA)
SESA:	1	0	5	4	0	0	7	11	4	0	8		-21 (KG/HA)
GR-L.2 TOTAL	282	3	5	4	0	0	27	5	5	0	7		-32
SPOT:	45	7	6	4	0	0	98	9	0	0	8		-98
CASS:	43	0	6	4	0	0	26	2	4	0	8		-30
OTHR:	58	0	6	4	0	0	5	1	6	0	8		-10
VEGE:	69	1	6	4	0	0	11	7	4	0	8		-19
FRUI:	18	26	6	4	0	0	31	15	10	0	8		-28
OILC:	37	0	6	4	0	0	2	0	7	0	8		-7
TOBA:	12	0	6	4	0	0	35	0	4	0	8		-37
GR-L.3 TOTAL	70	7	0	4	0	0	18	0	34	0	7		-48
COTT:	70	7	0	4	0	0	18	0	34	0	8		-49
GR-L.4 TOTAL	20	21	0	4	0	0	26	8	8	0	4		-21
PLAN:	9	1	0	4	0	0	22	6	0	0	4		-27
BANA:	1	3	0	4	0	0	35	14	0	0	4		-46
CITR:	10	40	0	4	0	0	29	8	16	0	4		-13
GR-H.1 TOTAL	56	9	0	4	0	0	13	5	6	0	11		-22
GROU:	56	9	0	4	0	0	13	5	6	0	11		-22

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GR-H.2 TOTAL	70	10	0	4	0	0	18	0	29	0	11		-44
COTT:	70	10	0	4	0	0	18	0	29	0	11		-44
FALLOW:	1263											1	(KG/HA)
PR TOTAL	6037	39103	5061	26569	0	0	83510	23955	35650	0	72800	0	-145182
PR-L.1 TOTAL	2213	0	2	4	0	0	3	5	4	0	11		-17
RICE:	464	1	6	4	0	0	5	13	2	0	11		-20
MAIZ:	1707	0	1	4	0	0	3	3	5	0	11		-17
MILL:	6	0	3	4	0	0	3	6	4	0	11		-17
SORG:	8	0	2	4	0	0	3	5	4	0	11		-17
PULS:	14	0	1	4	0	0	9	2	4	0	11		-21
GROU:	4	6	2	4	0	0	11	5	6	0	11		-21
SESA:	10	0	1	4	0	0	4	3	4	0	11		-17
PR-L.2 TOTAL	1263	3	0	4	0	0	35	2	2	0	8		-40
POTA:	3	33	0	4	0	0	115	7	3	0	8		-96
SPOT:	451	7	0	4	0	0	71	3	0	0	8		-71
CASS:	319	0	0	4	0	0	19	1	3	0	8		-27
OTHR:	183	0	0	4	0	0	5	1	5	0	8		-15
VEGE:	173	1	0	4	0	0	9	3	3	0	8		-18
FRUI:	20	26	0	4	0	0	26	6	10	0	8		-20
PLAN:	114	1	0	4	0	0	25	5	0	0	8		-33
PR-H.1 TOTAL	2561	13	0	4	0	0	12	4	10	0	15		-24
PLAN:	114	1	0	4	0	0	25	9	0	0	15		-44
BANA:	29	3	0	4	0	0	39	21	0	0	15		-68
PALM:	153	139	0	4	0	0	11	1	73	0	15		43
GROU:	15	6	0	4	0	0	11	3	6	0	15		-25
COCN:	73	21	0	4	0	0	71	36	0	0	15		-97
COCO:	928	9	0	4	0	0	14	5	6	0	15		-27
COFF:	1196	1	0	4	0	0	6	1	5	0	15		-22
RUBB:	53	28	0	4	0	0	7	1	18	0	15		-9
NF TOTAL	331	278	0	1214	0	10219	3643	7978	90	0	0	0	0
NF-L.1 TOTAL	264	1	0	4	0	33	8	30	0	0	0		0
RICE:	253	1	0	4	0	34	8	31	0	0	0		0
SORG:	11	0	0	4	0	1	0	0	5	0	0		0

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NF-L.2	TOTAL	31	:	2	0	4	0	49	:	51	4	1	0	0	:	:	-1

	SPOT:	17	:	4	0	4	0	78	:	81	5	0	0	0	:	:	0
	CASS:	8	:	0	0	4	0	18	:	18	1	2	0	0	:	:	0
	OTHR:	3	:	0	0	4	0	6	:	6	1	4	0	0	:	:	0
	VEGE:	3	:	1	0	4	0	11	:	10	4	1	0	0	:	:	0
	FALLOW:	36	:						:						:	1	
IR	TOTAL	58	:	1550	0	230	0	290	:	4758	902	435	0	0	:	0	-4025
IR-H.1	TOTAL	58	:	27	0	4	0	5	:	82	16	7	0	0	:	:	-69

	RICE:	24	:	2	0	4	0	5	:	16	27	0	0	0	:	:	-32
	CANE:	34	:	44	0	4	0	5	:	128	7	13	0	0	:	:	-95

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Table 61 The N-balance per crop and Land Use System for Ethiopia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	14571	15314	11161	38583	53006	1964	141177	31371	46655104849402200			13264	-592961 (TON/CTY)
LR TOTAL	2964	1113	2658	3651	4379	0	13461	5907	4188	12690	52160	3319	-73286 (TON/LWC)
LR-L.1 TOTAL	1304	1	2	3	3	0	10	5	3	10	40		-59 (KG/HA)
WHEA:	236	1	1	3	3	0	16	2	3	9	40		-62 (KG/HA)
MAIZ:	32	1	2	3	3	0	8	4	3	10	40		-56 (KG/HA)
BARL:	305	0	2	3	3	0	11	4	3	10	40		-60 (KG/HA)
MILL:	36	0	3	3	3	0	8	7	3	10	40		-59 (KG/HA)
SORG:	420	2	3	3	3	0	10	7	4	10	40		-60 (KG/HA)
OTHC:	156	0	2	3	3	0	7	4	3	10	40		-56 (KG/HA)
PULS:	64	1	1	3	10	0	8	3	3	10	40		-49 (KG/HA)
OILC:	41	0	0	3	3	0	1	0	4	11	40		-50 (KG/HA)
SESA:	14	0	1	3	3	0	6	2	3	10	40		-54 (KG/HA)
FALLOW:	1660											2	(KG/HA)
UR TOTAL	3023	2034	5455	5267	8418	0	23499	10326	6002	15147	74960	3385	-105375
UR-L.1 TOTAL	1082	2	4	4	7	0	19	9	4	11	60		-86
WHEA:	108	2	2	4	4	0	27	4	3	10	60		-92
MAIZ:	191	3	5	4	4	0	20	11	4	11	60		-90
BARL:	150	1	3	4	4	0	17	6	4	11	60		-86
MILL:	38	1	8	4	4	0	19	18	4	11	60		-95
SORG:	115	5	8	4	4	0	25	17	5	12	60		-98
OTHC:	281	0	4	4	4	0	15	9	4	11	60		-87
PULS:	175	2	3	4	20	0	18	7	4	11	60		-71
GROU:	11	0	4	4	24	0	22	9	3	10	60		-72
SESA:	13	1	3	4	4	0	15	6	4	11	60		-84
UR-L.2 TOTAL	242	0	4	4	4	0	11	1	5	12	40		-57
POTA:	7	2	4	4	4	0	23	5	4	11	40		-69
SPOT:	12	0	4	4	4	0	18	3	4	11	40		-64
OTHR:	66	0	4	4	4	0	13	2	5	12	40		-60
VEGE:	28	0	4	4	4	0	30	4	3	10	40		-75
FRUI:	6	0	4	4	4	0	8	3	5	12	40		-56
OILC:	85	1	4	4	4	0	1	0	7	14	40		-49
FIBR:	12	0	4	4	4	0	1	0	7	13	40		-49
FODD:	26	1	4	4	4	0	20	0	5	12	40		-64

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PR	TOTAL	2672	3572	0	8866	7576	0	21510	1884	13066	25527	69960	2511	-109422
PR-L.1	TOTAL	666	5	0	6	6	0	21	3	9	18	60		-94
	WHEA:	109	3	0	6	5	0	27	1	8	17	60		-99
	MAIZ:	140	4	0	6	5	0	27	4	7	16	60		-99
	BARL:	124	2	0	6	5	0	16	1	9	18	60		-91
	MILL:	40	1	0	6	5	0	15	4	8	16	60		-91
	SORG:	194	9	0	6	5	0	19	4	10	18	60		-91
	OTHC:	25	0	0	6	5	0	12	2	9	18	60		-90
	PULS:	34	3	0	6	20	0	16	2	9	18	60		-76
PR-L.2	TOTAL	117	1	0	6	5	0	10	0	10	18	40		-66
	POTA:	5	3	0	6	5	0	19	1	9	17	40		-72
	SPOT:	9	0	0	6	5	0	14	1	9	17	40		-70
	OTHR:	47	0	0	6	5	0	9	0	9	18	40		-65
	VEGE:	9	0	0	6	5	0	23	1	8	16	40		-77
	OILC:	33	1	0	6	5	0	1	0	11	20	40		-60
	FODD:	14	2	0	6	5	0	22	0	9	18	40		-76
PR-H.1	TOTAL	633	1	0	6	5	0	10	0	10	19	40		-67
	BANA:	11	0	0	6	5	0	6	1	9	18	40		-63
	FRUI:	2	0	0	6	5	0	7	1	9	18	40		-64
	COFF:	620	1	0	6	5	0	10	0	10	19	40		-67
	FALLOW:	1256											2	
NF	TOTAL	60	27	0	201	107	1274	810	95	150	554	0	0	0
NF-L.1	TOTAL	37	1	0	5	3	34	22	3	4	15	0		-1
	MILL:	28	1	0	5	2	36	23	3	4	14	0		0
	OTHC:	7	0	0	5	2	34	18	1	5	16	0		0
	PULS:	2	2	0	5	18	17	18	1	6	17	0		0
	FALLOW:	23											2	
IR	TOTAL	69	895	0	216	189	690	2816	72	185	1678	0	0	-2761
IR-L.1	TOTAL	21	1	0	3	4	10	39	1	1	14	0		-37
	PULS:	2	4	0	3	28	10	28	1	1	15	0		0
	VEGE:	12	0	0	3	2	10	45	2	0	12	0		-44
	FODD:	7	3	0	3	2	10	33	0	2	16	0		-33

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IR-H.1 TOTAL	23	27	0	3	2	10	48	2	5	20	0		-33
CANE:	15	41	0	3	2	10	63	3	7	21	0		-38
BANA:	2	0	0	3	2	10	7	1	3	17	0		-13
CITR:	3	0	0	3	2	10	9	0	3	17	0		-14
TOBA:	3	0	0	3	2	10	39	0	0	15	0		-39
IR-H.2 TOTAL	25	10	0	3	2	10	36	0	2	37	0		-50
COTT:	25	10	0	3	2	10	36	0	2	37	0		-50

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Table 62 The P205-balance per crop and Land Use System for Ethiopia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	14571	23312	6428	14606	0	687	72310	18385	0	0150825	13264		-183224 (TON/CTY)
LR TOTAL	2964	1598	1953	1382	0	0	7932	4341	0	0 19560	3319		-23581 (TON/LWC)
LR-L.1 TOTAL	1304	1	1	1	0	0	6	3	0	0 15			-21 (KG/HA)
WHEA:	236	1	1	1	0	0	7	2	0	0 15			-21 (KG/HA)
MAIZ:	32	1	1	1	0	0	5	2	0	0 15			-19 (KG/HA)
BARL:	305	1	1	1	0	0	4	1	0	0 15			-17 (KG/HA)
MILL:	36	0	1	1	0	0	5	3	0	0 15			-21 (KG/HA)
SORG:	420	2	3	1	0	0	9	7	0	0 15			-25 (KG/HA)
OTHC:	156	0	1	1	0	0	4	2	0	0 15			-19 (KG/HA)
PULS:	64	2	0	1	0	0	3	1	0	0 15			-16 (KG/HA)
OILC:	41	0	0	1	0	0	0	0	0	0 15			-14 (KG/HA)
SESA:	14	0	1	1	0	0	3	2	0	0 15			-18 (KG/HA)
FALLOW:	1660										2		(KG/HA)
UR TOTAL	3023	3172	2951	1994	0	0	12336	5780	0	0 28110	3385		-34724
UR-L.1 TOTAL	1082	3	2	1	0	0	11	5	0	0 22			-32
WHEA:	108	4	2	1	0	0	12	4	0	0 23			-32
MAIZ:	191	2	2	1	0	0	11	5	0	0 23			-34
BARL:	150	3	1	1	0	0	7	2	0	0 23			-27
MILL:	38	1	3	1	0	0	14	7	0	0 23			-39
SORG:	115	6	8	1	0	0	21	17	0	0 23			-46
OTHC:	281	0	2	1	0	0	9	4	0	0 23			-33
PULS:	175	6	1	1	0	0	7	2	0	0 23			-24
GROU:	11	1	2	1	0	0	8	4	0	0 23			-31
SESA:	13	1	2	1	0	0	7	5	0	0 23			-31
UR-L.2 TOTAL	242	1	2	1	0	0	3	1	0	0 15			-15
POTA:	7	2	2	1	0	0	16	3	0	0 15			-29
SPOT:	12	0	2	1	0	0	7	4	0	0 15			-23
OTHR:	66	0	2	1	0	0	2	1	0	0 15			-15
VEGE:	28	0	2	1	0	0	7	4	0	0 15			-23
FRUI:	6	0	2	1	0	0	2	1	0	0 15			-15
OILC:	85	1	2	1	0	0	0	0	0	0 15			-11
FIBR:	12	0	2	1	0	0	0	0	0	0 15			-12
FODD:	26	2	2	1	0	0	9	0	0	0 15			-19

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PR	TOTAL	2672	4590	0	3356	0	0	0	9738	1384	0	0	26235	2511	-26900
PR-L.1	TOTAL	666	6	0	2	0	0	0	12	2	0	0	22		-28
	WHEA:	109	6	0	2	0	0	0	12	1	0	0	23		-28
	MAIZ:	140	3	0	2	0	0	0	15	2	0	0	23		-35
	BARL:	124	5	0	2	0	0	0	6	0	0	0	23		-22
	MILL:	40	1	0	2	0	0	0	11	2	0	0	23		-33
	SORG:	194	10	0	2	0	0	0	16	3	0	0	23		-30
	OTHC:	25	0	0	2	0	0	0	7	1	0	0	23		-29
	PULS:	34	9	0	2	0	0	0	6	0	0	0	23		-18
PR-L.2	TOTAL	117	1	0	2	0	0	0	3	0	0	0	15		-15
	POTA:	5	3	0	2	0	0	0	13	1	0	0	15		-24
	SPOT:	9	0	0	2	0	0	0	5	1	0	0	15		-19
	OTHR:	47	0	0	2	0	0	0	1	0	0	0	15		-14
	VEGE:	9	0	0	2	0	0	0	5	1	0	0	15		-19
	OILC:	33	1	0	2	0	0	0	0	0	0	0	15		-12
	FODD:	14	4	0	2	0	0	0	10	0	0	0	15		-19
PR-H.1	TOTAL	633	1	0	2	0	0	0	2	0	0	0	15		-14
	BANA:	11	0	0	2	0	0	0	4	0	0	0	15		-17
	FRUI:	2	0	0	2	0	0	0	2	0	0	0	15		-15
	COFF:	620	1	0	2	0	0	0	2	0	0	0	15		-14
	FALLOW:	1256												2	
NF	TOTAL	60	35	0	76	0	480		552	38	0	0	0	0	1
NF-L.1	TOTAL	37	1	0	2	0	13		15	1	0	0	0		0
	MILL:	28	1	0	2	0	15		16	1	0	0	0		0
	OTHC:	7	0	0	2	0	9		11	1	0	0	0		0
	PULS:	2	6	0	2	0	0		7	0	0	0	0		1
	FALLOW:	23												2	
IR	TOTAL	69	868	0	82	0	207		2145	131	0	0	0	0	-1119
IR-L.1	TOTAL	21	3	0	1	0	3		12	1	0	0	0		-6
	PULS:	2	14	0	1	0	3		11	0	0	0	0		7
	VEGE:	12	0	0	1	0	3		10	2	0	0	0		-8
	FODD:	7	6	0	1	0	3		15	0	0	0	0		-5

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IR-H.1 TOTAL	23	27	0	1	0	3	37	5	0	0	0	-11

CANE :	15	41	0	1	0	3	52	7	0	0	0	-14
BANA :	2	0	0	1	0	3	4	0	0	0	0	0
CITR :	3	0	0	1	0	3	2	0	0	0	0	2
TOBA :	3	0	0	1	0	3	13	0	0	0	0	-9
IR-H.2 TOTAL	25	8	0	1	0	3	42	0	0	0	0	-30

COTT :	25	8	0	1	0	3	42	0	0	0	0	-30

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Table 63 The K20-balance per crop and Land Use System for Ethiopia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	14571	0	28235	30315	0	862	67120	90959	62829	0	301650	6632	-456513 (TON/CTY)
LR TOTAL	2964	0	9038	2869	0	0	4970	20084	5830	0	39120	1660	-56437 (TON/LWC)
LR-L.1 TOTAL	1304	0	7	2	0	0	4	15	4	0	30		-44 (KG/HA)
WHEA:	236	0	8	2	0	0	5	17	4	0	30		-46 (KG/HA)
MAIZ:	32	0	5	2	0	0	3	11	4	0	30		-41 (KG/HA)
BARL:	305	0	6	2	0	0	5	13	4	0	30		-44 (KG/HA)
MILL:	36	0	10	2	0	0	3	23	5	0	30		-49 (KG/HA)
SORG:	420	0	9	2	0	0	3	21	5	0	30		-48 (KG/HA)
OTHC:	156	0	5	2	0	0	2	12	4	0	30		-41 (KG/HA)
PULS:	64	0	2	2	0	0	5	5	3	0	30		-39 (KG/HA)
OILC:	41	0	0	2	0	0	1	1	3	0	30		-33 (KG/HA)
SESA:	14	0	2	2	0	0	2	4	4	0	30		-36 (KG/HA)
FALLOW:	1660											1	(KG/HA)
UR TOTAL	3023	0	14407	4138	0	0	10596	29449	10514	0	56220	1693	-86541
UR-L.1 TOTAL	1082	0	12	3	0	0	8	26	8	0	45		-72
WHEA:	108	0	13	3	0	0	8	29	8	0	45		-74
MAIZ:	191	0	12	3	0	0	7	26	8	0	45		-71
BARL:	150	0	9	3	0	0	8	21	7	0	45		-69
MILL:	38	0	26	3	0	0	7	58	11	0	45		-92
SORG:	115	0	23	3	0	0	8	50	10	0	45		-87
OTHC:	281	0	12	3	0	0	5	26	8	0	45		-69
PULS:	175	0	5	3	0	0	12	11	6	0	45		-66
GROU:	11	0	5	3	0	0	6	11	7	0	45		-61
SESA:	13	0	4	3	0	0	4	9	7	0	45		-58
UR-L.2 TOTAL	242	0	6	3	0	0	10	4	8	0	30		-43
POTA:	7	0	7	3	0	0	43	11	2	0	30		-76
SPOT:	12	0	7	3	0	0	33	6	5	0	30		-64
OTHR:	66	0	7	3	0	0	10	4	8	0	30		-42
VEGE:	28	0	7	3	0	0	10	12	5	0	30		-47
FRUI:	6	0	7	3	0	0	9	9	6	0	30		-44
OILC:	85	0	7	3	0	0	2	1	9	0	30		-32
FIBR:	12	0	7	3	0	0	2	1	9	0	30		-32
FODD:	26	0	7	3	0	0	17	0	8	0	30		-45

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PR	TOTAL	2672	0	0	6966	0	0	10116	5822	16844	0	52470	1256	-77030
PR-L.1	TOTAL	666	0	0	5	0	0	7	8	10	0	45		-65
	WHEA:	109	0	0	5	0	0	8	8	10	0	45		-66
	MAIZ:	140	0	0	5	0	0	9	9	9	0	45		-67
	BARL:	124	0	0	5	0	0	7	5	12	0	45		-64
	MILL:	40	0	0	5	0	0	5	12	8	0	45		-65
	SORG:	194	0	0	5	0	0	6	10	9	0	45		-65
	OTHC:	25	0	0	5	0	0	4	5	12	0	45		-61
	PULS:	34	0	0	5	0	0	11	3	12	0	45		-66
PR-L.2	TOTAL	117	0	0	5	0	0	10	1	13	0	30		-49
	POTA:	5	0	0	5	0	0	37	2	9	0	30		-73
	SPOT:	9	0	0	5	0	0	26	1	11	0	30		-63
	OTHR:	47	0	0	5	0	0	7	1	13	0	30		-46
	VEGE:	9	0	0	5	0	0	8	2	12	0	30		-47
	OILC:	33	0	0	5	0	0	2	0	14	0	30		-41
	FODD:	14	0	0	5	0	0	19	0	13	0	30		-57
PR-H.1	TOTAL	633	0	0	5	0	0	6	0	14	0	30		-45
	BANA:	11	0	0	5	0	0	29	8	4	0	30		-66
	FRUI:	2	0	0	5	0	0	8	2	12	0	30		-47
	COFF:	620	0	0	5	0	0	6	0	14	0	30		-45
	FALLOW:	1256											1	
NF	TOTAL	60	0	0	158	0	517	287	292	96	0	0	0	0
NF-L.1	TOTAL	37	0	0	4	0	14	8	8	3	0	0		-1
	MILL:	28	0	0	4	0	14	8	9	1	0	0		0
	OTHC:	7	0	0	4	0	13	6	4	6	0	0		0
	PULS:	2	0	0	4	0	18	12	1	9	0	0		0
	FALLOW:	23											1	
IR	TOTAL	69	0	0	170	0	345	3416	148	660	0	0	0	-3709
IR-L.1	TOTAL	21	0	0	2	0	5	20	3	0	0	0		-16
	PULS:	2	0	0	2	0	5	19	2	0	0	0		-14
	VEGE:	12	0	0	2	0	5	15	5	0	0	0		-13
	FODD:	7	0	0	2	0	5	28	0	1	0	0		-22

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IR-H.1 TOTAL	23	0	0	2	0	5	108	4	0	0	0	-105
CANE:	15	0	0	2	0	5	146	4	0	0	0	-143
BANA:	2	0	0	2	0	5	32	9	0	0	0	-34
CITR:	3	0	0	2	0	5	13	3	0	0	0	-9
TOBA:	3	0	0	2	0	5	61	0	0	0	0	-54
IR-H.2 TOTAL	25	0	0	2	0	5	21	0	26	0	0	-40
COTT:	25	0	0	2	0	5	21	0	26	0	0	-40

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Table 64 The N-balance per crop and Land Use System for Ethiopia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	16654	38631	17039	47981	70369	2703	234337	54909	550361	277305	04860	13570	-786579 (TON/CTY)
LR TOTAL	3758	2972	4970	4525	5614	0	21836	11044	5158	15694	64640	4284	-96007 (TON/LWC)
LR-L.1 TOTAL	1616	2	3	3	3	0	14	7	3	10	40		-63 (KG/HA)
WHEA:	212	1	1	3	3	0	18	3	2	9	40		-64 (KG/HA)
MAIZ:	12	2	1	3	3	0	3	2	4	11	40		-51 (KG/HA)
BARL:	328	1	2	3	3	0	16	5	3	9	40		-64 (KG/HA)
MILL:	64	0	4	3	3	0	10	9	3	10	40		-62 (KG/HA)
SORG:	678	3	5	3	3	0	15	10	4	10	40		-65 (KG/HA)
OTHC:	183	0	2	3	3	0	8	5	3	10	40		-58 (KG/HA)
PULS:	84	1	2	3	12	0	10	4	3	10	40		-49 (KG/HA)
OILC:	39	0	0	3	3	0	1	0	4	11	40		-50 (KG/HA)
SESA:	16	0	1	3	3	0	6	2	3	10	40		-54 (KG/HA)
FALLOW:	2142											2	(KG/HA)
UR TOTAL	3102	4931	8674	6387	10831	0	38019	17390	7022	18123	91280	2978	-138033
UR-L.1 TOTAL	1331	4	6	4	7	0	25	13	4	11	60		-92
WHEA:	131	3	2	4	4	0	36	5	3	10	60		-101
MAIZ:	191	5	6	4	4	0	27	14	4	11	60		-97
BARL:	177	4	4	4	4	0	25	8	4	11	60		-92
MILL:	65	1	10	4	4	0	23	22	4	11	60		-101
SORG:	184	10	10	4	4	0	33	23	5	12	60		-105
OTHC:	350	1	6	4	4	0	20	12	4	11	60		-92
PULS:	206	3	4	4	24	0	22	9	4	11	60		-71
SOYB:	1	0	11	4	80	0	93	25	0	3	60		-86
GROU:	10	0	3	4	21	0	19	7	4	11	60		-73
SESA:	16	1	3	4	4	0	15	6	4	11	60		-84
UR-L.2 TOTAL	275	1	4	4	4	0	15	2	5	12	40		-61
POTA:	9	3	4	4	4	0	26	5	4	11	40		-71
SPOT:	12	0	4	4	4	0	19	3	4	11	40		-65
OTHR:	58	0	4	4	4	0	16	3	5	11	40		-63
VEGE:	35	0	4	4	4	0	36	5	2	9	40		-80
FRUI:	7	2	4	4	4	0	10	4	5	12	40		-57
OILC:	80	1	4	4	4	0	1	0	7	14	40		-49
SUNF:	29	1	4	4	4	0	10	4	5	12	40		-58
FIBR:	11	0	4	4	4	0	1	0	7	13	40		-49
FODD:	34	3	4	4	4	0	27	0	5	12	40		-69

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PR	TOTAL	3650	9836	0	10969	9563	0	37192	3700	16039	31456	89280	3796	-143503
PR-L.1	TOTAL	960	9	0	6	6	0	27	4	9	18	60		-97
	WHEA:	129	4	0	6	5	0	33	1	8	17	60		-104
	MAIZ:	209	8	0	6	5	0	35	5	7	16	60		-104
	BARL:	165	7	0	6	5	0	25	2	9	18	60		-96
	MILL:	71	2	0	6	5	0	19	5	7	16	60		-94
	SORG:	309	16	0	6	5	0	25	5	11	20	60		-94
	OTHC:	33	1	0	6	5	0	17	3	8	17	60		-93
	PULS:	44	5	0	6	23	0	20	2	9	18	60		-75
PR-L.2	TOTAL	122	1	0	6	5	0	14	0	9	18	40		-69
	POTA:	7	5	0	6	5	0	26	1	8	17	40		-76
	SPOT:	9	0	0	6	5	0	14	1	9	17	40		-70
	OTHR:	47	0	0	6	5	0	13	1	9	18	40		-70
	VEGE:	10	1	0	6	5	0	24	1	8	16	40		-77
	OILC:	31	1	0	6	5	0	1	0	11	20	40		-60
	FODD:	18	4	0	6	5	0	29	0	9	18	40		-81
PR-H.1	TOTAL	670	1	0	6	5	0	14	0	10	18	40		-70
	BANA:	14	0	0	6	5	0	8	1	9	18	40		-65
	FRUI:	3	4	0	6	5	0	7	1	11	19	40		-63
	COFF:	653	1	0	6	5	0	14	0	10	18	40		-70
	FALLOW:	1898											2	
NF	TOTAL	85	68	0	271	155	1773	1201	139	191	736	0	0	0
NF-L.1	TOTAL	50	1	0	5	3	35	24	3	4	15	0		-2
	MILL:	37	1	0	5	2	37	25	3	3	14	0		0
	OTHC:	10	1	0	5	2	36	22	2	5	16	0		0
	PULS:	3	3	0	5	20	16	20	1	6	17	0		0
	FALLOW:	35											2	
IR	TOTAL	97	1840	0	291	279	930	5039	107	310	2499	0	8	-4607
IR-L.1	TOTAL	31	4	0	3	5	10	54	1	0	13	0		-46
	PULS:	3	7	0	3	33	10	34	2	1	15	0		1
	VEGE:	16	1	0	3	2	10	54	2	0	11	0		-51
	FODD:	12	7	0	3	2	10	59	0	0	15	0		-52

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Table 65 The P205-balance per crop and Land Use System for Ethiopia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	16654	58710	10501	18165	0	959	124900	33304	0	0	189322	13570	-245621 (TON/CTY)
LR TOTAL	3758	4172	3868	1713	0	0	14087	8595	0	0	24240	4284	-32885 (TON/LWC)
LR-L.1 TOTAL	1616	3	2	1	0	0	9	5	0	0	15		-23 (KG/HA)
WHEA:	212	2	1	1	0	0	8	2	0	0	15		-21 (KG/HA)
MAIZ:	12	1	0	1	0	0	2	1	0	0	15		-16 (KG/HA)
BARL:	328	2	1	1	0	0	6	2	0	0	15		-19 (KG/HA)
MILL:	64	1	2	1	0	0	7	4	0	0	15		-22 (KG/HA)
SORG:	678	4	4	1	0	0	13	10	0	0	15		-29 (KG/HA)
OTHC:	183	0	1	1	0	0	5	2	0	0	15		-20 (KG/HA)
PULS:	84	3	0	1	0	0	4	1	0	0	15		-16 (KG/HA)
OILC:	39	0	0	1	0	0	0	0	0	0	15		-14 (KG/HA)
SESA:	16	0	1	1	0	0	3	2	0	0	15		-18 (KG/HA)
FALLOW:	2142											2	(KG/HA)
UR TOTAL	3102	7683	4936	2418	0	0	20756	10155	0	0	34230	2978	-47126
UR-L.1 TOTAL	1331	6	3	1	0	0	15	7	0	0	22		-34
WHEA:	131	6	2	1	0	0	16	5	0	0	23		-35
MAIZ:	191	4	3	1	0	0	15	7	0	0	23		-37
BARL:	177	7	1	1	0	0	10	3	0	0	23		-27
MILL:	65	2	4	1	0	0	16	9	0	0	23		-41
SORG:	184	11	10	1	0	0	29	23	0	0	23		-53
OTHC:	350	1	3	1	0	0	12	6	0	0	23		-36
PULS:	206	10	1	1	0	0	9	2	0	0	23		-22
SOYB:	1	27	4	1	0	0	38	8	0	0	23		-37
GROV:	10	0	1	1	0	0	7	3	0	0	23		-31
SESA:	16	1	2	1	0	0	7	5	0	0	23		-31
UR-L.2 TOTAL	275	1	2	1	0	0	4	1	0	0	15		-16
POTA:	9	3	2	1	0	0	18	4	0	0	15		-31
SPOT:	12	0	2	1	0	0	7	4	0	0	15		-23
OTHR:	58	0	2	1	0	0	2	2	0	0	15		-16
VEGE:	35	0	2	1	0	0	8	5	0	0	15		-25
FRUI:	7	0	2	1	0	0	3	1	0	0	15		-16
OILC:	80	1	2	1	0	0	0	0	0	0	15		-11
SUNF:	29	1	2	1	0	0	3	1	0	0	15		-15
FIBR:	11	0	2	1	0	0	0	0	0	0	15		-12
FODD:	34	5	2	1	0	0	12	0	0	0	15		-19

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PR	TOTAL	3650	12705	0	4153	0	0	18200	2650	0	0	33480	3796	-33676
PR-L.1	TOTAL	960	12	0	2	0	0	17	2	0	0	22		-27
	WHEA:	129	10	0	2	0	0	15	1	0	0	23		-27
	MAIZ:	209	6	0	2	0	0	20	2	0	0	23		-37
	BARL:	165	12	0	2	0	0	10	1	0	0	23		-20
	MILL:	71	3	0	2	0	0	14	2	0	0	23		-34
	SORG:	309	19	0	2	0	0	21	4	0	0	23		-27
	OTHC:	33	1	0	2	0	0	10	1	0	0	23		-31
	PULS:	44	17	0	2	0	0	8	0	0	0	23		-12
PR-L.2	TOTAL	122	2	0	2	0	0	5	0	0	0	15		-16
	POTA:	7	5	0	2	0	0	17	1	0	0	15		-26
	SPOT:	9	0	0	2	0	0	5	1	0	0	15		-19
	OTHR:	47	0	0	2	0	0	2	0	0	0	15		-15
	VEGE:	10	1	0	2	0	0	6	1	0	0	15		-19
	OILC:	31	1	0	2	0	0	0	0	0	0	15		-12
	FODD:	18	8	0	2	0	0	13	0	0	0	15		-18
PR-H.1	TOTAL	670	2	0	2	0	0	2	0	0	0	15		-13
	BANA:	14	0	0	2	0	0	5	0	0	0	15		-18
	FRUI:	3	0	0	2	0	0	2	0	0	0	15		-15
	COFF:	653	2	0	2	0	0	2	0	0	0	15		-13
	FALLOW:	1898											2	
NF	TOTAL	85	99	0	103	0	680	814	56	0	0	0	0	12
NF-L.1	TOTAL	50	2	0	2	0	14	16	1	0	0	0		1
	MILL:	37	2	0	2	0	15	18	1	0	0	0		0
	OTHC:	10	1	0	2	0	11	13	1	0	0	0		0
	PULS:	3	10	0	2	0	0	8	0	0	0	0		4
	FALLOW:	35											2	
IR	TOTAL	97	1821	0	110	0	279	3640	188	0	0	0	8	-1610
IR-L.1	TOTAL	31	7	0	1	0	3	18	1	0	0	0		-8
	PULS:	3	25	0	1	0	3	13	0	0	0	0		16
	VEGE:	16	1	0	1	0	3	13	2	0	0	0		-10
	FODD:	12	12	0	1	0	3	26	0	0	0	0		-10

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Table 66 The K20-balance per crop and Land Use System for Ethiopia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	16654	200	45161	37700	0	1200	1076661	159519	70875	0	378645	6785	-625659 (TON/CTY)
LR TOTAL	3758	26	15975	3555	0	0	7978	35499	8028	0	48480	2142	-78287 (TON/LWC)
LR-L.1 TOTAL	1616	0	10	2	0	0	5	22	5	0	30		-50 (KG/HA)
WHEA:	212	0	9	2	0	0	6	19	5	0	30		-49 (KG/HA)
MAIZ:	12	0	2	2	0	0	1	4	4	0	30		-35 (KG/HA)
BARL:	328	0	9	2	0	0	7	19	4	0	30		-49 (KG/HA)
MILL:	64	0	13	2	0	0	3	29	6	0	30		-53 (KG/HA)
SORG:	678	0	13	2	0	0	5	30	6	0	30		-56 (KG/HA)
OTHC:	183	0	7	2	0	0	3	14	4	0	30		-42 (KG/HA)
PULS:	84	0	3	2	0	0	7	6	3	0	30		-41 (KG/HA)
OILC:	39	0	0	2	0	0	1	1	3	0	30		-33 (KG/HA)
SESA:	16	0	2	2	0	0	2	4	4	0	30		-36 (KG/HA)
FALLOW:	2142											1	(KG/HA)
UR TOTAL	3102	29	23851	5018	0	0	16411	50434	13619	0	68460	1489	-118537
UR-L.1 TOTAL	1331	0	17	3	0	0	10	37	9	0	45		-81
WHEA:	131	0	17	3	0	0	11	38	9	0	45		-83
MAIZ:	191	0	15	3	0	0	9	34	8	0	45		-78
BARL:	177	0	14	3	0	0	12	30	8	0	45		-78
MILL:	65	0	31	3	0	0	8	69	12	0	45		-100
SORG:	184	0	31	3	0	0	10	68	12	0	45		-101
OTHC:	350	0	16	3	0	0	7	35	9	0	45		-77
PULS:	206	0	6	3	0	0	15	13	6	0	45		-70
SOYB:	1	0	9	3	0	0	36	20	5	0	45		-94
GROU:	10	0	4	3	0	0	5	9	7	0	45		-59
SESA:	16	0	4	3	0	0	4	9	7	0	45		-58
UR-L.2 TOTAL	275	0	6	3	0	0	11	5	7	0	30		-44
POTA:	9	0	7	3	0	0	49	13	1	0	30		-83
SPOT:	12	0	7	3	0	0	34	6	5	0	30		-65
OTHR:	58	0	7	3	0	0	12	5	7	0	30		-44
VEGE:	35	0	7	3	0	0	12	15	5	0	30		-52
FRUI:	7	0	7	3	0	0	12	12	5	0	30		-49
OILC:	80	0	7	3	0	0	2	1	9	0	30		-32
SUNF:	29	0	7	3	0	0	3	8	7	0	30		-38
FIBR:	11	0	7	3	0	0	2	1	9	0	30		-32
FODD:	34	0	7	3	0	0	23	0	7	0	30		-50

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PR	TOTAL	3650	62	0	8619	0	0	16786	11244	18388	0	66960	1898	-102799
PR-L.1	TOTAL	960	0	0	5	0	0	10	11	8	0	45		-69
	WHEA:	129	0	0	5	0	0	11	10	9	0	45		-70
	MAIZ:	209	0	0	5	0	0	12	12	8	0	45		-72
	BARL:	165	0	0	5	0	0	12	8	10	0	45		-70
	MILL:	71	0	0	5	0	0	7	15	6	0	45		-68
	SORG:	309	0	0	5	0	0	8	13	7	0	45		-68
	OTHC:	33	0	0	5	0	0	6	8	10	0	45		-64
	PULS:	44	0	0	5	0	0	13	3	12	0	45		-68
PR-L.2	TOTAL	122	0	0	5	0	0	13	1	13	0	30		-52
	POTA:	7	0	0	5	0	0	48	3	7	0	30		-83
	SPOT:	9	0	0	5	0	0	26	1	11	0	30		-63
	OTHR:	47	0	0	5	0	0	10	1	13	0	30		-49
	VEGE:	10	0	0	5	0	0	8	3	11	0	30		-47
	OILC:	31	0	0	5	0	0	2	0	14	0	30		-41
	FODD:	18	0	0	5	0	0	25	0	12	0	30		-62
PR-H.1	TOTAL	670	0	0	5	0	0	9	1	13	0	30		-48
	BANA:	14	0	0	5	0	0	36	10	2	0	30		-73
	FRUI:	3	0	0	5	0	0	9	2	12	0	30		-48
	COFF:	653	0	0	5	0	0	8	0	14	0	30		-47
	FALLOW:	1898											1	
NF	TOTAL	85	0	0	213	0	735	428	426	94	0	0	0	0
NF-L.1	TOTAL	50	0	0	4	0	15	9	9	2	0	0		-1
	MILL:	37	0	0	4	0	15	8	10	0	0	0		0
	OTHC:	10	0	0	4	0	14	8	5	5	0	0		0
	PULS:	3	0	0	4	0	19	13	2	8	0	0		0
	FALLOW:	35											1	
IR	TOTAL	97	0	0	229	0	465	5802	233	1078	0	0	4	-6415
IR-L.1	TOTAL	31	0	0	2	0	5	31	3	0	0	0		-27
	PULS:	3	0	0	2	0	5	23	3	0	0	0		-19
	VEGE:	16	0	0	2	0	5	19	6	0	0	0		-18
	FODD:	12	0	0	2	0	5	50	0	0	0	0		-43

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Table 73 The N-balance per crop and Land Use System for Gambia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	326	1025	1181	985	5356	149	6011	2688	942	1948	1790	189	-4493 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	248	833	1125	776	4654	0	5324	2493	738	1466	1710	154	-4189 (TON/LWC)
UR-L.1 TOTAL	165	5	7	5	28	0	32	15	4	8	10		-24 (KG/HA)
MAIZ:	5	12	6	5	4	0	25	13	7	11	10		-39 (KG/HA)
MILL:	32	3	9	5	4	0	21	20	5	9	10		-44 (KG/HA)
OTHC:	11	0	2	5	4	0	7	4	5	9	10		-24 (KG/HA)
PULS:	13	0	1	5	9	0	6	2	5	9	10		-17 (KG/HA)
GROU:	104	7	7	5	41	0	41	16	4	8	10		-19 (KG/HA)
UR-L.2 TOTAL	3	0	4	5	4	0	23	7	3	7	10		-37
CASS:	1	0	4	5	4	0	15	10	3	7	10		-32
VEGE:	1	0	4	5	4	0	44	6	1	5	10		-53
FRUI:	1	0	4	5	4	0	12	4	5	9	10		-27
UR-L.3 TOTAL	3	0	0	5	4	0	15	0	3	20	10		-39
COTT:	3	0	0	5	4	0	15	0	3	20	10		-39
FALLOW:	77											2	(KG/HA)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	35	42	56	109	238	0	309	128	99	143	80	25	-289
PR-L.1 TOTAL	15	3	4	5	13	0	19	8	4	6	5		-17
MAIZ:	1	10	4	5	5	0	25	9	5	7	5		-27
MILL:	10	2	3	5	5	0	12	7	5	6	5		-20
OTHC:	2	0	1	5	5	0	7	3	5	7	5		-16
GROU:	2	6	8	5	66	0	67	18	0	1	5		-6
PR-L.2 TOTAL	1	0	0	5	5	0	11	4	3	5	5		-18
CASS:	1	0	0	5	5	0	11	4	3	5	5		-18

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Table 74 The P205-balance per crop and Land Use System for Gambia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	326	1207	489	372	0	85	2675	1119	0	0	665	189	-2116 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	248	1070	466	294	0	0	2265	1035	0	0	641	154	-1957 (TON/LWC)
UR-L.1 TOTAL	165	6	3	2	0	0	13	6	0	0	4		-12 (KG/HA)
MAIZ:	5	0	3	2	0	0	14	7	0	0	4		-20 (KG/HA)
MILL:	32	3	4	2	0	0	15	8	0	0	4		-18 (KG/HA)
OTHC:	11	0	1	2	0	0	4	2	0	0	4		-7 (KG/HA)
PULS:	13	0	0	2	0	0	2	1	0	0	4		-5 (KG/HA)
GROU:	104	10	3	2	0	0	15	7	0	0	4		-11 (KG/HA)
UR-L.2 TOTAL	3	0	2	2	0	0	6	4	0	0	4		-10
CASS:	1	0	2	2	0	0	4	5	0	0	4		-9
VEGE:	1	0	2	2	0	0	10	6	0	0	4		-16
FRUI:	1	0	2	2	0	0	3	1	0	0	4		-4
UR-L.3 TOTAL	3	0	0	2	0	0	18	0	0	0	4		-20
COTT:	3	0	0	2	0	0	18	0	0	0	4		-20
FALLOW:	77											2	(KG/HA)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	35	37	23	41	0	0	162	53	0	0	24	25	-113
PR-L.1 TOTAL	15	2	2	2	0	0	10	3	0	0	1		-8
MAIZ:	1	0	2	2	0	0	14	4	0	0	2		-16
MILL:	10	2	1	2	0	0	8	3	0	0	2		-8
OTHC:	2	0	1	2	0	0	4	1	0	0	2		-4
GROU:	2	8	3	2	0	0	25	7	0	0	2		-21
PR-L.2 TOTAL	1	0	0	2	0	0	3	2	0	0	1		-4
CASS:	1	0	0	2	0	0	3	2	0	0	2		-5

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Table 75 The K20-balance per crop and Land Use System for Gambia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	326	101	2160	774	0	191	1793	5045	1456	0	1342	94	-6316 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	248	99	2020	610	0	0	1543	4479	1361	0	1282	77	-5859 (TON/LWC)
UR-L.1 TOTAL	165	1	12	4	0	0	9	27	8	0	7		-34 (KG/HA)
MAIZ:	5	0	14	4	0	0	9	32	8	0	8		-39 (KG/HA)
MILL:	32	0	29	4	0	0	7	64	11	0	8		-57 (KG/HA)
OTHC:	11	0	5	4	0	0	2	12	7	0	8		-20 (KG/HA)
PULS:	13	0	2	4	0	0	4	4	6	0	8		-16 (KG/HA)
GROU:	104	1	9	4	0	0	11	20	7	0	8		-32 (KG/HA)
UR-L.2 TOTAL	3	0	6	4	0	0	16	12	5	0	7		-30
CASS:	1	0	7	4	0	0	18	3	7	0	8		-25
VEGE:	1	0	7	4	0	0	15	18	3	0	8		-33
FRUI:	1	0	7	4	0	0	14	14	4	0	8		-29
UR-L.3 TOTAL	3	0	0	4	0	0	9	0	18	0	7		-30
COTT:	3	0	0	4	0	0	9	0	18	0	8		-31
FALLOW:	77											1	(KG/HA)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	35	2	140	86	0	0	118	314	90	0	60	12	-342
PR-L.1 TOTAL	15	0	9	4	0	0	6	21	4	0	4		-22
MAIZ:	1	0	10	4	0	0	9	21	4	0	4		-24
MILL:	10	0	10	4	0	0	4	23	4	0	4		-21
OTHC:	2	0	3	4	0	0	2	8	4	0	4		-11
GROU:	2	1	10	4	0	0	18	22	3	0	4		-32
PR-L.2 TOTAL	1	0	0	4	0	0	14	1	2	0	4		-17
CASS:	1	0	0	4	0	0	14	1	2	0	4		-17

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Table 76 The N-balance per crop and Land Use System for Gambia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	358	3334	2009	1427	9436	300	11048	4626	1607	3077	2415	75	-6192 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	253	2367	1728	989	6601	0	8051	3836	1205	2153	2180	71	-5669 (TON/LWC)
UR-L.1 TOTAL	210	11	8	5	31	0	37	18	5	10	10		-25 (KG/HA)
MAIZ:	14	5	6	5	4	0	24	12	5	9	10		-40 (KG/HA)
MILL:	43	4	12	5	4	0	27	26	4	8	10		-50 (KG/HA)
OTHC:	12	0	2	5	4	0	7	4	5	9	10		-24 (KG/HA)
PULS:	14	0	1	5	11	0	8	3	5	9	10		-18 (KG/HA)
GROU:	127	16	9	5	48	0	48	19	6	10	10		-15 (KG/HA)
UR-L.2 TOTAL	4	0	4	5	4	0	38	8	2	5	10		-50
CASS:	1	0	4	5	4	0	15	10	3	7	10		-32
VEGE:	2	0	4	5	4	0	59	8	0	3	10		-67
FRUI:	1	0	4	5	4	0	17	6	4	8	10		-32
UR-L.3 TOTAL	4	30	0	5	4	0	21	0	11	33	10		-36
COTT:	4	30	0	5	4	0	21	0	11	33	10		-36
FALLOW:	35											2	(KG/HA)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	55	440	281	261	1997	0	2130	628	178	287	235	0	-479
PR-L.1 TOTAL	46	10	6	5	42	0	46	14	3	5	5		-10
MAIZ:	2	5	3	5	5	0	22	8	4	6	5		-27
MILL:	12	3	4	5	5	0	13	9	5	7	5		-22
OTHC:	2	0	2	5	5	0	8	3	4	6	5		-14
GROU:	30	13	7	5	63	0	63	17	2	4	5		-3
PR-L.2 TOTAL	1	0	0	5	5	0	12	4	2	4	5		-17
CASS:	1	0	0	5	5	0	12	4	2	4	5		-17
PR-L.3 TOTAL	8	0	0	5	5	0	2	0	5	7	0		-4
PALM:	8	0	0	5	5	0	2	0	5	7	0		-4

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Table 77 The P205-balance per crop and Land Use System for Gambia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	358	4013	834	540	0	190	4930	1936	0	0	888	75	-2102 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	253	3085	717	374	0	0	3496	1599	0	0	817	71	-1665 (TON/LWC)
UR-L.1 TOTAL	210	15	3	2	0	0	16	8	0	0	4		-8 (KG/HA)
MAIZ:	14	5	3	2	0	0	13	6	0	0	4		-13 (KG/HA)
MILL:	43	4	5	2	0	0	19	10	0	0	4		-22 (KG/HA)
OTHC:	12	0	1	2	0	0	4	2	0	0	4		-7 (KG/HA)
PULS:	14	0	0	2	0	0	3	1	0	0	4		-6 (KG/HA)
GROU:	127	22	4	2	0	0	18	8	0	0	4		-2 (KG/HA)
UR-L.2 TOTAL	4	0	2	2	0	0	9	6	0	0	4		-15
CASS:	1	0	2	2	0	0	4	5	0	0	4		-9
VEGE:	2	0	2	2	0	0	14	8	0	0	4		-22
FRUI:	1	0	2	2	0	0	4	2	0	0	4		-6
UR-L.3 TOTAL	4	0	0	2	0	0	24	0	0	0	4		-26
COTT:	4	0	0	2	0	0	24	0	0	0	4		-26
FALLOW:	35											2	(KG/HA)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	55	603	117	99	0	0	856	262	0	0	71	0	-370
PR-L.1 TOTAL	46	13	3	2	0	0	18	6	0	0	2		-8
MAIZ:	2	5	2	2	0	0	12	4	0	0	2		-9
MILL:	12	3	2	2	0	0	10	3	0	0	2		-8
OTHC:	2	0	1	2	0	0	5	2	0	0	2		-6
GROU:	30	19	3	2	0	0	23	7	0	0	2		-8
PR-L.2 TOTAL	1	0	0	2	0	0	3	2	0	0	1		-4
CASS:	1	0	0	2	0	0	3	2	0	0	2		-5
PR-L.3 TOTAL	8	0	0	2	0	0	1	0	0	0	0		1
PALM:	8	0	0	2	0	0	1	0	0	0	0		1

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Table 78 The K20-balance per crop and Land Use System for Gambia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	358	501	3672	1121	0	464	3265	8786	2220	0	1811	38	-10287 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	253	419	3221	777	0	0	2350	7172	1989	0	1635	35	-8694 (TON/LWC)
UR-L.1 TOTAL	210	2	15	4	0	0	11	34	9	0	7		-40 (KG/HA)
MAIZ:	14	0	13	4	0	0	8	30	8	0	8		-37 (KG/HA)
MILL:	43	0	36	4	0	0	9	81	12	0	8		-70 (KG/HA)
OTHC:	12	0	5	4	0	0	2	12	7	0	8		-20 (KG/HA)
PULS:	14	0	2	4	0	0	5	5	6	0	8		-18 (KG/HA)
GROU:	127	3	11	4	0	0	13	24	8	0	8		-35 (KG/HA)
UR-L.2 TOTAL	4	0	6	4	0	0	20	18	3	0	7		-38
CASS:	1	0	7	4	0	0	18	3	7	0	8		-25
VEGE:	2	0	7	4	0	0	20	25	1	0	8		-43
FRUI:	1	0	7	4	0	0	20	20	2	0	8		-39
UR-L.3 TOTAL	4	0	0	4	0	0	12	0	22	0	7		-37
COTT:	4	0	0	4	0	0	12	0	22	0	8		-38
FALLOW:	35											1	(KG/HA)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	55	82	451	205	0	0	609	1004	231	0	176	0	-1282
PR-L.1 TOTAL	46	2	10	4	0	0	12	22	4	0	4		-26
MAIZ:	2	0	8	4	0	0	7	18	4	0	4		-21
MILL:	12	0	12	4	0	0	5	27	4	0	4		-24
OTHC:	2	0	4	4	0	0	3	10	4	0	4		-13
GROU:	30	3	9	4	0	0	17	21	4	0	4		-30
PR-L.2 TOTAL	1	0	0	4	0	0	14	1	2	0	4		-17
CASS:	1	0	0	4	0	0	14	1	2	0	4		-17
PR-L.3 TOTAL	8	0	0	4	0	0	3	0	4	0	0		-3
PALM:	8	0	0	4	0	0	3	0	4	0	0		-3

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Table 79 The N-balance per crop and Land Use System for Ghana, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4505	9421	5514	16733	16952	1091	54503	10981	17681	44798	61090	2200	-137142 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	200	291	362	459	495	0	2434	1057	339	920	3480	168	-6455 (TON/LWC)
UR-L.1 TOTAL	37	3	1	4	5	0	6	3	5	10	30		-41 (KG/HA)
MAIZ:	30	3	1	4	4	0	5	3	6	10	30		-42 (KG/HA)
SORG:	6	0	1	4	4	0	4	3	5	10	30		-43 (KG/HA)
GROU:	1	3	6	4	35	0	33	13	3	8	30		-39 (KG/HA)
UR-L.2 TOTAL	78	2	4	4	4	0	28	12	2	7	30		-65
SPOT:	12	2	4	4	4	0	34	7	2	7	30		-66
CASS:	32	4	4	4	4	0	26	21	0	5	30		-66
OTHR:	16	0	4	4	4	0	21	4	3	8	30		-54
VEGE:	14	3	4	4	4	0	40	7	2	7	30		-71
FRUI:	2	0	4	4	4	0	5	2	5	10	30		-40
TOBA:	2	0	4	4	4	0	28	0	3	8	30		-57
UR-L.3 TOTAL	1	12	0	4	4	0	15	0	6	24	30		-55
COTT:	1	13	0	4	4	0	15	0	6	24	30		-54
FALLOW:	84											2	(KG/HA)
GR TOTAL	1394	3095	5152	5437	5538	0	26834	6725	4475	10541	14210	446	-43117
GR-L.1 TOTAL	590	2	2	5	7	0	14	5	4	9	15		-31
RICE:	12	4	3	5	2	0	12	7	5	10	15		-35
MAIZ:	108	5	3	5	2	0	22	8	4	9	15		-43
MILL:	126	0	2	5	2	0	8	5	4	9	15		-32
SORG:	193	0	1	5	2	0	6	3	5	10	15		-31
PULS:	39	0	0	5	6	0	4	1	5	10	15		-24
GROU:	112	5	4	5	29	0	30	8	3	9	15		-22
GR-L.2 TOTAL	477	3	8	5	2	0	32	8	3	8	10		-43
SPOT:	96	3	8	5	2	0	34	4	4	9	10		-43
CASS:	134	6	8	5	2	0	36	17	0	5	10		-47
OTHR:	127	1	8	5	2	0	22	3	5	10	10		-34
VEGE:	101	4	8	5	2	0	44	5	3	8	10		-51
FRUI:	17	0	8	5	2	0	5	1	7	12	10		-20
TOBA:	2	0	8	5	2	0	28	0	5	10	10		-38

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Table 80 The P205-balance per crop and Land Use System for Ghana, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4505	4603	2804	6335	0	289	20273	6428	0	0	21843	2200	-32313 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	200	128	184	174	0	0	712	669	0	0	1305	168	-2032 (TON/LWC)
UR-L.1 TOTAL	37	1	1	1	0	0	3	2	0	0	11		-13 (KG/HA)
MAIZ:	30	1	1	1	0	0	3	1	0	0	11		-12 (KG/HA)
SORG:	6	0	1	1	0	0	4	3	0	0	11		-16 (KG/HA)
GROU:	1	3	2	1	0	0	12	6	0	0	11		-23 (KG/HA)
UR-L.2 TOTAL	78	1	2	1	0	0	7	8	0	0	11		-22
SPOT:	12	1	2	1	0	0	13	9	0	0	11		-29
CASS:	32	2	2	1	0	0	7	11	0	0	11		-24
OTHR:	16	0	2	1	0	0	3	3	0	0	11		-14
VEGE:	14	1	2	1	0	0	9	7	0	0	11		-23
FRUI:	2	0	2	1	0	0	1	1	0	0	11		-10
TOBA:	2	0	2	1	0	0	9	0	0	0	11		-17
UR-L.3 TOTAL	1	0	0	1	0	0	18	0	0	0	11		-28
COTT:	1	0	0	1	0	0	18	0	0	0	11		-28
FALLOW:	84											2	(KG/HA)
GR TOTAL	1394	1590	2620	2058	0	0	9348	4088	0	0	4263	446	-10985
GR-L.1 TOTAL	590	1	1	2	0	0	7	3	0	0	4		-10
RICE:	12	2	2	2	0	0	8	4	0	0	4		-10
MAIZ:	108	2	2	2	0	0	12	4	0	0	4		-14
MILL:	126	0	1	2	0	0	5	2	0	0	4		-8
SORG:	193	0	1	2	0	0	5	3	0	0	4		-9
PULS:	39	0	0	2	0	0	2	0	0	0	4		-4
GROU:	112	4	1	2	0	0	11	3	0	0	4		-11
GR-L.2 TOTAL	477	2	4	2	0	0	8	5	0	0	3		-8
SPOT:	96	2	4	2	0	0	13	6	0	0	3		-14
CASS:	134	3	4	2	0	0	9	9	0	0	3		-12
OTHR:	127	1	4	2	0	0	3	2	0	0	3		-1
VEGE:	101	2	4	2	0	0	10	5	0	0	3		-10
FRUI:	17	0	4	2	0	0	1	0	0	0	3		2
TOBA:	2	0	4	2	0	0	9	0	0	0	3		-6

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Table 81 The K20-balance per crop and Land Use System for Ghana, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4505	4706	9939	13148	0	709	39042	15884	19332	0	45817	1100	-90473 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	200	123	625	361	0	0	2391	1046	499	0	2610	84	-5353 (TON/LWC)
UR-L.1 TOTAL	37	0	3	3	0	0	2	7	5	0	22		-30 (KG/HA)
MAIZ:	30	0	3	3	0	0	2	6	5	0	23		-30 (KG/HA)
SORG:	6	0	4	3	0	0	1	9	5	0	23		-31 (KG/HA)
GROU:	1	1	7	3	0	0	9	16	6	0	23		-43 (KG/HA)
UR-L.2 TOTAL	78	2	6	3	0	0	30	10	4	0	22		-55
SPOT:	12	2	7	3	0	0	62	14	0	0	23		-87
CASS:	32	2	7	3	0	0	32	6	5	0	23		-54
OTHR:	16	0	7	3	0	0	16	9	5	0	23		-43
VEGE:	14	1	7	3	0	0	14	21	3	0	23		-50
FRUI:	2	0	7	3	0	0	6	7	6	0	23		-32
TOBA:	2	0	7	3	0	0	44	0	4	0	23		-61
UR-L.3 TOTAL	1	0	0	3	0	0	9	0	17	0	22		-45
COTT:	1	0	0	3	0	0	9	0	17	0	23		-46
FALLOW:	84											1	(KG/HA)
GR TOTAL	1394	1488	9314	4272	0	0	20039	10856	5416	0	10657	223	-31671
GR-L.1 TOTAL	590	0	5	4	0	0	4	12	4	0	11		-22
RICE:	12	0	12	4	0	0	4	26	4	0	11		-29
MAIZ:	108	0	8	4	0	0	7	18	4	0	11		-28
MILL:	126	0	7	4	0	0	3	15	4	0	11		-22
SORG:	193	0	4	4	0	0	2	8	4	0	11		-17
PULS:	39	0	1	4	0	0	3	2	4	0	11		-15
GROU:	112	2	4	4	0	0	8	10	4	0	11		-23
GR-L.2 TOTAL	477	2	13	4	0	0	33	7	6	0	7		-34
SPOT:	96	4	13	4	0	0	62	8	3	0	8		-60
CASS:	134	4	13	4	0	0	43	5	6	0	8		-41
OTHR:	127	1	13	4	0	0	16	5	7	0	8		-18
VEGE:	101	2	13	4	0	0	15	14	5	0	8		-23
FRUI:	17	0	13	4	0	0	6	4	9	0	8		-10
TOBA:	2	0	13	4	0	0	44	0	6	0	8		-41

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Table 82 The N-balance per crop and Land Use System for Ghana, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5538	31228	7814	20089	24319	2179	109257	20369	22965	55921	73235	2979	-193139 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LNC)
UR TOTAL	214	994	554	602	659	0	4441	1883	449	1209	4560	124	-9609 (TON/LNC)
UR-L.1 TOTAL	48	9	3	4	5	0	13	7	6	11	30		-46 (KG/HA)
MAIZ:	41	9	3	4	4	0	12	6	7	12	30		-47 (KG/HA)
SORG:	6	4	4	4	4	0	12	8	5	10	30		-49 (KG/HA)
GROU:	1	10	10	4	55	0	56	22	3	8	30		-40 (KG/HA)
UR-L.2 TOTAL	102	5	4	4	4	0	37	15	1	6	30		-72
SPOT:	18	5	4	4	4	0	42	9	2	7	30		-73
CASS:	39	8	4	4	4	0	34	28	0	5	30		-77
OTHR:	21	2	4	4	4	0	29	6	3	8	30		-62
VEGE:	19	5	4	4	4	0	55	10	0	5	30		-83
FRUI:	3	2	4	4	4	0	6	3	6	11	30		-42
TOBA:	2	0	4	4	4	0	28	0	3	8	30		-57
UR-L.3 TOTAL	2	15	0	4	4	0	15	0	7	25	30		-54
COTT:	2	15	0	4	4	0	15	0	7	25	30		-54
FALLOW:	62											2	(KG/HA)
GR TOTAL	1518	10769	7260	5990	8905	0	49364	12417	4897	11418	15505	455	-60222
GR-L.1 TOTAL	633	9	5	5	12	0	28	11	5	10	15		-38
RICE:	26	11	4	5	2	0	15	9	7	12	15		-36
MAIZ:	107	16	6	5	2	0	40	14	5	10	15		-55
MILL:	160	2	5	5	2	0	17	11	3	9	15		-41
SORG:	171	6	4	5	2	0	19	9	5	10	15		-41
PULS:	43	2	1	5	9	0	8	2	5	10	15		-23
GROU:	126	17	6	5	50	0	52	14	4	10	15		-17
GR-L.2 TOTAL	523	8	8	5	2	0	47	10	3	7	10		-54
SPOT:	104	8	8	5	2	0	53	7	2	8	10		-57
CASS:	123	13	8	5	2	0	51	25	0	3	10		-61
OTHR:	143	4	8	5	2	0	34	4	4	9	10		-42
VEGE:	128	9	8	5	2	0	59	6	2	8	10		-61
FRUI:	23	4	8	5	2	0	7	2	8	13	10		-21
TOBA:	2	0	8	5	2	0	50	0	3	8	10		-56

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Table 83 The P205-balance per crop and Land Use System for Ghana, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5538	13812	4078	7605	0	1216	40906	12013	0	0	26300	2979	-49529 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	214	408	286	228	0	0	1377	1208	0	0	1710	124	-3249 (TON/LWC)
UR-L.1 TOTAL	48	3	2	1	0	0	7	4	0	0	11		-16 (KG/HA)
MAIZ:	41	3	1	1	0	0	7	3	0	0	11		-16 (KG/HA)
SORG:	6	1	4	1	0	0	10	8	0	0	11		-23 (KG/HA)
GROU:	1	9	4	1	0	0	21	9	0	0	11		-27 (KG/HA)
UR-L.2 TOTAL	102	3	2	1	0	0	10	10	0	0	11		-25
SPOT:	18	2	2	1	0	0	16	12	0	0	11		-34
CASS:	39	4	2	1	0	0	9	14	0	0	11		-27
OTHR:	21	1	2	1	0	0	4	3	0	0	11		-14
VEGE:	19	2	2	1	0	0	13	10	0	0	11		-29
FRUI:	3	0	2	1	0	0	2	1	0	0	11		-11
TOBA:	2	0	2	1	0	0	9	0	0	0	11		-17
UR-L.3 TOTAL	2	0	0	1	0	0	18	0	0	0	11		-28
COTT:	2	0	0	1	0	0	18	0	0	0	11		-28
FALLOW:	62											2	(KG/HA)
GR TOTAL	1518	5367	3792	2268	0	0	18451	7621	0	0	4651	455	-18841
GR-L.1 TOTAL	633	5	3	2	0	0	16	6	0	0	4		-16
RICE:	26	3	2	2	0	0	10	5	0	0	4		-12
MAIZ:	107	5	3	2	0	0	23	7	0	0	4		-24
MILL:	160	1	2	2	0	0	12	4	0	0	4		-15
SORG:	171	2	4	2	0	0	16	9	0	0	4		-21
PULS:	43	2	0	2	0	0	3	0	0	0	4		-3
GROU:	126	14	3	2	0	0	19	6	0	0	4		-10
GR-L.2 TOTAL	523	4	4	2	0	0	12	7	0	0	3		-12
SPOT:	104	4	4	2	0	0	20	9	0	0	3		-22
CASS:	123	7	4	2	0	0	13	13	0	0	3		-16
OTHR:	143	2	4	2	0	0	5	2	0	0	3		-2
VEGE:	128	4	4	2	0	0	14	6	0	0	3		-13
FRUI:	23	0	4	2	0	0	2	1	0	0	3		0
TOBA:	2	0	4	2	0	0	17	0	0	0	3		-14

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Table 84 The K20-balance per crop and Land Use System for Ghana, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5538	12813	15343	15783	0	2269	66661	34633	22190	0	54926	1489	-130712 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	214	369	1014	473	0	0	4147	2187	637	0	3420	62	-8473 (TON/LWC)
UR-L.1 TOTAL	48	0	7	3	0	0	4	16	6	0	22		-38 (KG/HA)
MAIZ:	41	0	7	3	0	0	4	15	6	0	23		-38 (KG/HA)
SORG:	6	0	11	3	0	0	4	24	7	0	23		-44 (KG/HA)
GROU:	1	4	12	3	0	0	15	27	8	0	23		-54 (KG/HA)
UR-L.2 TOTAL	102	3	6	3	0	0	39	14	3	0	22		-66
SPOT:	18	6	7	3	0	0	77	17	0	0	23		-101
CASS:	39	4	7	3	0	0	41	7	5	0	23		-62
OTHR:	21	1	7	3	0	0	22	11	4	0	23		-49
VEGE:	19	2	7	3	0	0	19	29	1	0	23		-60
FRUI:	3	0	7	3	0	0	7	9	5	0	23		-34
TOBA:	2	0	7	3	0	0	44	0	4	0	23		-61
UR-L.3 TOTAL	2	0	0	3	0	0	9	0	17	0	22		-45
COTT:	2	0	0	3	0	0	9	0	17	0	23		-46
FALLOW:	62											1	(KG/HA)
GR TOTAL	1518	4415	14329	4706	0	0	33615	23321	5741	0	11629	228	-50628
GR-L.1 TOTAL	633	2	12	4	0	0	9	26	5	0	11		-33
RICE:	26	1	15	4	0	0	5	34	5	0	11		-35
MAIZ:	107	1	15	4	0	0	14	34	4	0	11		-43
MILL:	160	0	16	4	0	0	6	35	5	0	11		-37
SORG:	171	0	12	4	0	0	6	26	4	0	11		-31
PULS:	43	0	1	4	0	0	5	3	4	0	11		-18
GROU:	126	7	8	4	0	0	14	17	7	0	11		-30
GR-L.2 TOTAL	523	5	13	4	0	0	46	11	5	0	7		-47
SPOT:	104	9	13	4	0	0	97	13	1	0	8		-93
CASS:	123	7	13	4	0	0	62	7	6	0	8		-59
OTHR:	143	2	13	4	0	0	26	8	6	0	8		-29
VEGE:	128	4	13	4	0	0	20	18	4	0	8		-29
FRUI:	23	0	13	4	0	0	8	6	8	0	8		-13
TOBA:	2	0	13	4	0	0	78	0	3	0	8		-72

Kenya

Table 91 The N-balance per crop and Land Use System for Kenya, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4456	33876	9011	12672	17300	882	72989	19452	18702	36494	115455	3158	-186193 (TON/CTY)
LR TOTAL	1830	1953	2102	1392	2340	0	4971	2236	2250	4387	11895	2671	-15281 (TON/LWC)
LR-L.1 TOTAL	194	1	2	3	5	0	10	5	3	8	30		-45 (KG/HA)
MAIZ:	81	3	3	3	3	0	13	7	3	7	30		-48 (KG/HA)
MILL:	19	0	3	3	3	0	8	7	3	7	30		-46 (KG/HA)
SORG:	29	1	2	3	3	0	6	4	3	8	30		-42 (KG/HA)
PULS:	58	1	1	3	10	0	8	3	3	7	30		-36 (KG/HA)
SESA:	7	0	2	3	3	0	9	3	3	7	30		-44 (KG/HA)
LR-L.2 TOTAL	194	1	8	3	5	0	10	5	5	9	20		-32
MAIZ:	81	3	8	3	3	0	13	7	5	9	20		-37
MILL:	19	0	8	3	3	0	8	7	4	9	20		-34
SORG:	29	1	8	3	3	0	6	4	5	10	20		-30
PULS:	58	1	8	3	10	0	8	3	5	9	20		-23
SESA:	7	0	8	3	3	0	9	3	5	9	20		-32
LR-H.1 TOTAL	106	13	1	3	3	0	10	1	7	11	20		-29
WHEA:	34	7	1	3	3	0	20	2	4	8	20		-40
BARL:	8	11	2	3	3	0	20	5	5	9	20		-40
OILC:	15	7	0	3	3	0	1	0	6	10	20		-24
FIBR:	49	20	0	3	3	0	5	1	9	13	20		-22
FALLOW:	1336											2	(KG/HA)
UR TOTAL	889	4744	3530	3090	4382	0	17979	7911	3546	7159	29310	267	-49892
UR-L.1 TOTAL	594	6	5	4	6	0	23	11	5	10	40		-68
WHEA:	9	10	3	4	4	0	47	7	4	8	40		-85
MAIZ:	390	8	7	4	4	0	29	15	5	10	40		-76
MILL:	8	0	3	4	4	0	8	7	5	9	40		-58
SORG:	37	3	3	4	4	0	9	6	5	10	40		-56
OTHC:	1	0	6	4	4	0	22	13	3	8	40		-72
PULS:	147	2	2	4	13	0	10	4	5	10	40		-48
GROU:	2	0	1	4	11	0	7	3	5	9	40		-48
UR-L.2 TOTAL	97	6	4	4	4	0	30	10	3	8	30		-63
POTA:	33	9	4	4	4	0	28	7	5	10	30		-59
SPOT:	17	4	4	4	4	0	39	9	2	7	30		-71
CASS:	22	1	4	4	4	0	21	17	1	6	30		-62
VEGE:	10	7	4	4	4	0	64	11	0	5	30		-91
FRUI:	8	5	4	4	4	0	12	5	6	11	30		-47
SUNF:	4	8	4	4	4	0	12	6	6	11	30		-45
FODD:	3	8	4	4	4	0	34	0	5	10	30		-59

Kenya

PR	TOTAL	490	7694	0	2263	2193	0	12603	1311	3866	7068	21580	196	-34082
PR-L.1	TOTAL	266	12	0	6	6	0	21	3	8	17	60		-85
	MAIZ:	222	13	0	6	5	0	24	3	8	17	60		-88
	MILL:	9	0	0	6	5	0	10	2	6	15	60		-82
	SORG:	10	5	0	6	5	0	7	1	8	17	60		-77
	PULS:	24	3	0	6	14	0	10	1	8	16	60		-72
	GROU:	1	0	0	6	19	0	15	2	6	15	60		-73
PR-L.2	TOTAL	19	3	0	6	5	0	29	7	3	12	50		-87
	SPOT:	5	6	0	6	5	0	41	4	4	13	50		-95
	CASS:	13	2	0	6	5	0	26	8	2	11	50		-84
	FRUI:	1	9	0	6	5	0	13	2	9	17	50		-71
PR-L.3	TOTAL	48	10	0	6	5	0	83	6	5	9	40		-122
	PLAN:	1	11	0	6	5	0	7	2	10	18	40		-55
	COCN:	30	0	0	6	5	0	110	10	0	1	40		-150
	COFF:	9	7	0	6	5	0	24	1	8	16	40		-71
	TEAS:	8	47	0	6	5	0	56	0	17	26	40		-81
PR-L.4	TOTAL	13	16	0	6	5	0	31	3	9	18	70		-104
	WHEA:	13	16	0	6	5	0	31	3	9	18	70		-104
PR-H.1	TOTAL	46	84	0	6	5	0	44	1	28	37	40		-55
	BARL:	2	55	0	6	5	0	40	4	19	28	40		-65
	CANE:	10	128	0	6	5	0	33	3	41	50	40		-28
	COFF:	9	14	0	6	5	0	24	1	10	18	40		-68
	TEAS:	25	95	0	6	5	0	56	0	31	40	40		-61
	FALLOW:	98											2	
NF	TOTAL	22	969	0	97	66	472	564	67	344	630	0	0	-1
NF-L.1	TOTAL	12	1	0	4	4	25	10	2	5	18	0		-1
	MILL:	4	0	0	4	2	27	10	2	4	17	0		0
	SORG:	3	3	0	4	2	24	7	1	6	19	0		0
	OTHC:	3	0	0	4	2	29	12	2	4	17	0		0
	PULS:	2	2	0	4	13	18	12	1	5	18	0		0
NF-H.1	TOTAL	10	96	0	4	2	17	44	4	29	42	0		0
	CANE:	10	96	0	4	2	17	44	4	29	42	0		0

Kenya

IR	TOTAL	41	4280	0	141	262	410	2721	166	1092	1647	0	0	-533
IR-H.1	TOTAL	12	56	0	3	17	10	58	7	13	26	0		-18
	RICE:	9	69	0	3	22	10	48	7	17	31	0		1
	VEGE:	3	18	0	3	2	10	88	6	0	12	0		-73
IR-H.2	TOTAL	29	124	0	3	2	10	70	3	32	46	0		-12
	CANE:	18	159	0	3	2	10	87	4	40	53	0		-10
	CITR:	2	36	0	3	2	10	13	0	14	27	0		-3
	COFF:	4	18	0	3	2	10	35	0	6	20	0		-28
	TEAS:	5	119	0	3	2	10	59	0	34	48	0		-7

Kenya

Table 92 The P205-balance per crop and Land Use System for Kenya, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4456	39131	4508	4798	0	175	34813	10467	0	0	43295	3158	-36805 (TON/CTY)
LR TOTAL	1830	3080	1066	527	0	0	2566	1148	0	0	4461	2671	-831 (TON/LWC)
LR-L.1 TOTAL	194	2	1	1	0	0	6	3	0	0	11		-16 (KG/HA)
MAIZ:	81	3	2	1	0	0	8	3	0	0	11		-16 (KG/HA)
MILL:	19	0	1	1	0	0	5	3	0	0	11		-17 (KG/HA)
SORG:	29	1	2	1	0	0	5	4	0	0	11		-16 (KG/HA)
PULS:	58	2	0	1	0	0	3	1	0	0	11		-12 (KG/HA)
SESA:	7	0	1	1	0	0	4	3	0	0	11		-16 (KG/HA)
LR-L.2 TOTAL	194	2	4	1	0	0	6	3	0	0	8		-10
MAIZ:	81	3	4	1	0	0	8	3	0	0	8		-11
MILL:	19	0	4	1	0	0	5	3	0	0	8		-11
SORG:	29	1	4	1	0	0	5	4	0	0	8		-11
PULS:	58	2	4	1	0	0	3	1	0	0	8		-5
SESA:	7	0	4	1	0	0	4	3	0	0	8		-10
LR-H.1 TOTAL	106	22	0	1	0	0	4	1	0	0	7		11
WHEA:	34	17	1	1	0	0	9	2	0	0	8		0
BARL:	8	24	1	1	0	0	8	1	0	0	8		9
OILC:	15	0	0	1	0	0	0	0	0	0	8		-7
FIBR:	49	32	0	1	0	0	1	1	0	0	8		23
FALLOW:	1336											2	(KG/HA)
UR TOTAL	889	6717	1752	1170	0	0	9315	4135	0	0	10991	267	-14535
UR-L.1 TOTAL	594	7	3	2	0	0	12	6	0	0	15		-21
WHEA:	9	25	3	2	0	0	21	6	0	0	15		-12
MAIZ:	390	8	3	2	0	0	16	7	0	0	15		-25
MILL:	8	0	1	2	0	0	5	3	0	0	15		-20
SORG:	37	3	3	2	0	0	8	6	0	0	15		-21
OTHC:	1	0	3	2	0	0	13	6	0	0	15		-29
PULS:	147	7	0	2	0	0	4	1	0	0	15		-11
GROU:	2	0	1	2	0	0	3	1	0	0	15		-16
UR-L.2 TOTAL	97	9	2	2	0	0	13	7	0	0	11		-18
POTA:	33	14	2	2	0	0	19	5	0	0	11		-17
SPOT:	17	6	2	2	0	0	15	11	0	0	11		-27
CASS:	22	2	2	2	0	0	5	9	0	0	11		-19
VEGE:	10	9	2	2	0	0	15	11	0	0	11		-24
FRUI:	8	5	2	2	0	0	3	1	0	0	11		-6
SUNF:	4	11	2	2	0	0	4	2	0	0	11		-2
FOOD:	3	20	2	2	0	0	15	0	0	0	11		-2

Kenya

PR	TOTAL	490	7418	0	857	0	0	5234	751	0	0	8092	196	-5606
PR-L.1	TOTAL	266	12	0	2	0	0	12	1	0	0	22		-21
	MAIZ:	222	13	0	2	0	0	13	2	0	0	23		-23
	MILL:	9	0	0	2	0	0	7	1	0	0	23		-29
	SORG:	10	5	0	2	0	0	6	1	0	0	23		-23
	PULS:	24	12	0	2	0	0	4	0	0	0	23		-13
	GROU:	1	0	0	2	0	0	5	1	0	0	23		-27
PR-L.2	TOTAL	19	5	0	2	0	0	9	4	0	0	19		-25
	SPOT:	5	10	0	2	0	0	15	5	0	0	19		-27
	CASS:	13	3	0	2	0	0	7	4	0	0	19		-25
	FRUI:	1	9	0	2	0	0	3	1	0	0	19		-12
PR-L.3	TOTAL	48	7	0	2	0	0	22	3	0	0	15		-31
	PLAN:	1	15	0	2	0	0	2	1	0	0	15		-1
	COCN:	30	0	0	2	0	0	30	5	0	0	15		-48
	COFF:	9	9	0	2	0	0	4	1	0	0	15		-9
	TEAS:	8	28	0	2	0	0	14	0	0	0	15		1
PR-L.4	TOTAL	13	42	0	2	0	0	14	3	0	0	26		1
	WHEA:	13	42	0	2	0	0	14	3	0	0	26		1
PR-H.1	TOTAL	46	71	0	2	0	0	15	2	0	0	15		41
	BARL:	2	118	0	2	0	0	17	1	0	0	15		87
	CANE:	10	148	0	2	0	0	28	8	0	0	15		99
	COFF:	9	18	0	2	0	0	4	1	0	0	15		0
	TEAS:	25	56	0	2	0	0	14	0	0	0	15		29
	FALLOW:	98											2	
NF	TOTAL	22	1130	0	37	0	52	447	115	0	0	0	0	657
NF-L.1	TOTAL	12	2	0	2	0	4	6	1	0	0	0		1
	MILL:	4	0	0	2	0	6	7	1	0	0	0		0
	SORG:	3	3	0	2	0	3	6	1	0	0	0		0
	OTHC:	3	0	0	2	0	6	7	1	0	0	0		0
	PULS:	2	7	0	2	0	0	5	0	0	0	0		4
NF-H.1	TOTAL	10	111	0	2	0	0	37	10	0	0	0		66
	CANE:	10	111	0	2	0	0	37	10	0	0	0		66

Kenya

IR	TOTAL	41	4245	0	53	0	123	1759	232	0	0	0	0	2430
IR-H.1	TOTAL	12	40	0	1	0	3	29	4	0	0	0		11
	RICE:	9	46	0	1	0	3	32	3	0	0	0		15
	VEGE:	3	24	0	1	0	3	21	6	0	0	0		1
IR-H.2	TOTAL	29	130	0	1	0	3	49	6	0	0	0		79
	CANE:	18	184	0	1	0	3	72	10	0	0	0		106
	CITR:	2	0	0	1	0	3	4	0	0	0	0		0
	COFF:	4	22	0	1	0	3	6	1	0	0	0		19
	TEAS:	5	70	0	1	0	3	15	0	0	0	0		59

Kenya

Table 93 The K2O-balance per crop and Land Use System for Kenya, 1983

	AREA 000 HA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
TOTAL	4456	5225	17867	9956	0	1242	43497	47049	15298	0	86590	1579	-156565 (TON/CTY)
LR TOTAL	1830	99	4063	1093	0	0	2255	5865	2326	0	8921	1336	-12776 (TON/LWC)
LR-L.1 TOTAL	194	0	6	2	0	0	4	13	3	0	23		-35 (KG/HA)
MAIZ:	81	0	8	2	0	0	5	17	4	0	23		-39 (KG/HA)
MILL:	19	0	10	2	0	0	3	23	5	0	23		-42 (KG/HA)
SORG:	29	0	5	2	0	0	2	12	4	0	23		-34 (KG/HA)
PULS:	58	0	2	2	0	0	5	5	3	0	23		-32 (KG/HA)
SESA:	7	0	3	2	0	0	2	6	3	0	23		-29 (KG/HA)
LR-L.2 TOTAL	194	0	13	2	0	0	4	13	7	0	15		-24
MAIZ:	81	0	13	2	0	0	5	17	6	0	15		-28
MILL:	19	0	13	2	0	0	3	23	6	0	15		-32
SORG:	29	0	13	2	0	0	2	12	7	0	15		-21
PULS:	58	0	13	2	0	0	5	5	8	0	15		-18
SESA:	7	0	13	2	0	0	2	6	8	0	15		-16
LR-H.1 TOTAL	106	1	4	2	0	0	6	8	3	0	15		-25
WHEA:	34	2	6	2	0	0	6	14	3	0	15		-28
BARL:	8	2	7	2	0	0	9	16	3	0	15		-32
OILC:	15	0	0	2	0	0	1	1	3	0	15		-18
FIBR:	49	0	2	2	0	0	7	5	2	0	15		-25
FALLOW:	1336											1	(KG/HA)
UR TOTAL	889	531	8494	2428	0	0	9493	18922	4648	0	21982	133	-43459
UR-L.1 TOTAL	594	0	12	3	0	0	8	28	7	0	30		-58
WHEA:	9	3	23	3	0	0	15	50	9	0	30		-75
MAIZ:	390	0	16	3	0	0	10	36	7	0	30		-64
MILL:	8	0	10	3	0	0	3	23	7	0	30		-50
SORG:	37	0	8	3	0	0	3	18	6	0	30		-46
OTHC:	1	0	17	3	0	0	8	38	8	0	30		-64
PULS:	147	0	3	3	0	0	7	6	5	0	30		-42
GROU:	2	0	2	3	0	0	2	4	5	0	30		-36
UR-L.2 TOTAL	97	2	6	3	0	0	40	15	2	0	22		-68
POTA:	33	2	7	3	0	0	52	17	1	0	23		-81
SPOT:	17	4	7	3	0	0	71	16	0	0	23		-96
CASS:	22	1	7	3	0	0	25	4	5	0	23		-46
VEGE:	10	2	7	3	0	0	22	33	0	0	23		-66
FRUI:	8	2	7	3	0	0	14	17	4	0	23		-46
SUNF:	4	4	7	3	0	0	3	12	7	0	23		-31
FODD:	3	0	7	3	0	0	28	0	5	0	23		-46

Kenya

PR	TOTAL	490	1229	0	1778	0	0	5518	2718	2426	0	16185	98	-23742
PR-L.1	TOTAL	266	0	0	5	0	0	7	7	5	0	45		-59
	MAIZ:	222	1	0	5	0	0	8	8	5	0	45		-60
	MILL:	9	0	0	5	0	0	3	8	5	0	45		-56
	SORG:	10	0	0	5	0	0	2	4	7	0	45		-53
	PULS:	24	0	0	5	0	0	7	2	8	0	45		-57
	GROU:	1	0	0	5	0	0	4	2	8	0	45		-54
PR-L.2	TOTAL	19	3	0	5	0	0	42	4	5	0	37		-80
	SPOT:	5	6	0	5	0	0	76	7	2	0	38		-112
	CASS:	13	2	0	5	0	0	32	2	6	0	38		-71
	FRUI:	1	3	0	5	0	0	15	7	6	0	38		-58
PR-L.3	TOTAL	48	2	0	5	0	0	21	7	5	0	30		-56
	PLAN:	1	4	0	5	0	0	42	16	0	0	30		-79
	COCN:	30	0	0	5	0	0	21	11	2	0	30		-59
	COFF:	9	2	0	5	0	0	14	2	8	0	30		-47
	TEAS:	8	12	0	5	0	0	26	0	12	0	30		-51
PR-L.4	TOTAL	13	4	0	5	0	0	10	22	6	0	52		-81
	WHEA:	13	4	0	5	0	0	10	22	6	0	53		-82
PR-H.1	TOTAL	46	19	0	5	0	0	34	2	14	0	30		-56
	BARL:	2	9	0	5	0	0	19	13	5	0	30		-53
	CANE:	10	25	0	5	0	0	78	4	12	0	30		-94
	COFF:	9	4	0	5	0	0	14	2	9	0	30		-46
	TEAS:	25	23	0	5	0	0	26	0	18	0	30		-46
	FALLOW:	98											1	
NF	TOTAL	22	188	0	77	0	1037	1085	122	94	0	0	0	1
NF-L.1	TOTAL	12	0	0	3	0	10	4	5	5	0	0		-1
	MILL:	4	0	0	3	0	11	3	8	4	0	0		0
	SORG:	3	0	0	3	0	8	2	4	5	0	0		0
	OTHC:	3	0	0	3	0	11	4	5	5	0	0		0
	PULS:	2	0	0	3	0	12	8	2	6	0	0		0
NF-H.1	TOTAL	10	19	0	3	0	91	104	6	4	0	0		-1
	CANE:	10	19	0	3	0	91	104	6	4	0	0		0

Kenya

IR	TOTAL	41	847	0	110	0	205	4152	423	99	0	0	0	-3512
IR-H.1	TOTAL	12	10	0	3	0	5	20	26	0	0	0		-28
	RICE:	9	12	0	3	0	5	17	28	0	0	0		-25
	VEGE:	3	6	0	3	0	5	30	18	0	0	0		-34
IR-H.2	TOTAL	29	25	0	3	0	5	135	4	3	0	0		-109
	CANE:	18	31	0	3	0	5	203	6	0	0	0		-170
	CITR:	2	0	0	3	0	5	20	4	0	0	0		-16
	COFF:	4	5	0	3	0	5	20	1	4	0	0		-12
	TEAS:	5	29	0	3	0	5	27	0	17	0	0		-7

Kenya

Table 94 The N-balance per crop and Land Use System for Kenya, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5639	94712	14420	16602	25751	1597	138528	37073	34358	58560148796		3529	-260703 (TON/CTY)
LR TOTAL	2439	5529	4495	2461	4522	0	12610	6643	4095	7874	21255	3122	-32348 (TON/LWC)
LR-L.1 TOTAL	367	5	4	3	6	0	15	9	4	8	30		-48 (KG/HA)
MAIZ:	115	7	4	3	3	0	18	10	4	8	30		-53 (KG/HA)
MILL:	37	9	12	3	3	0	27	26	4	8	30		-68 (KG/HA)
SORG:	71	5	4	3	3	0	12	8	4	8	30		-47 (KG/HA)
PULS:	118	1	1	3	10	0	8	3	3	7	30		-36 (KG/HA)
GROU:	3	1	5	3	30	0	30	12	1	5	30		-39 (KG/HA)
SESA:	23	4	3	3	3	0	15	6	3	8	30		-49 (KG/HA)
LR-L.2 TOTAL	367	5	8	3	6	0	15	9	5	9	20		-36
MAIZ:	115	7	8	3	3	0	18	10	5	9	20		-41
MILL:	37	9	8	3	3	0	27	26	3	7	20		-60
SORG:	71	5	8	3	3	0	12	8	5	10	20		-36
PULS:	118	1	8	3	10	0	8	3	5	9	20		-23
GROU:	3	1	8	3	30	0	30	12	2	6	20		-28
SESA:	23	4	8	3	3	0	15	6	5	9	20		-37
LR-H.1 TOTAL	144	14	1	3	3	0	14	2	6	11	20		-32
WHEA:	44	12	1	3	3	0	29	3	4	8	20		-45
BARL:	20	9	2	3	3	0	19	4	4	8	20		-38
OILC:	28	4	0	3	3	0	1	0	5	9	20		-25
FIBR:	52	23	1	3	3	0	5	1	10	14	20		-20
FALLOW:	1561											2	(KG/HA)
UR TOTAL	1036	14050	5745	3849	6739	0	30192	13289	5971	10581	36290	187	-65753
UR-L.1 TOTAL	711	15	7	4	8	0	31	16	7	12	40		-72
WHEA:	15	18	3	4	4	0	54	8	5	10	40		-88
MAIZ:	394	22	10	4	4	0	42	22	8	13	40		-85
MILL:	10	27	15	4	4	0	35	33	10	15	40		-83
SORG:	61	16	5	4	4	0	17	12	8	13	40		-61
OTHC:	1	0	7	4	4	0	27	16	3	7	40		-78
PULS:	226	2	2	4	17	0	14	5	5	9	40		-48
GROU:	4	4	4	4	24	0	22	9	4	9	40		-48
UR-L.2 TOTAL	143	10	4	4	4	0	36	13	4	8	30		-69
POTA:	46	15	4	4	4	0	31	8	6	11	30		-59
SPOT:	27	6	4	4	4	0	46	10	2	7	30		-77
CASS:	36	3	4	4	4	0	29	23	0	5	30		-72
VEGE:	14	16	4	4	4	0	76	13	1	6	30		-98
FRUI:	9	9	4	4	4	0	16	7	6	11	30		-49
SUNF:	7	15	4	4	4	0	17	8	8	12	30		-48
FODD:	4	23	4	4	4	0	46	0	9	14	30		-64

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UR-H.1	TOTAL	54	28	3	4	4	0	50	6	8	13	40		-78
	WHEA:	44	30	2	4	4	0	54	5	9	13	40		-81
	BARL:	10	21	3	4	4	0	34	8	8	13	40		-71
UR-H.2	TOTAL	35	3	0	4	4	0	7	0	5	14	40		-55
	COTT:	35	3	0	4	4	0	7	0	5	14	40		-55
	FALLOW:	93											2	
GR	TOTAL	1431	40100	4180	6934	10930	0	60297	13698	13199	23159	63631	0	-111840
GR-L.1	TOTAL	800	26	3	5	10	0	44	14	8	15	50		-87
	WHEA:	43	30	4	5	5	0	83	8	7	13	50		-117
	MAIZ:	476	37	4	5	5	0	55	19	9	16	50		-98
	MILL:	9	45	4	5	5	0	44	28	11	17	50		-91
	SORG:	21	27	4	5	5	0	25	11	11	17	50		-73
	OTHC:	4	0	4	5	5	0	27	11	3	9	50		-86
	PULS:	238	4	4	5	20	0	16	4	6	13	50		-56
	GROU:	9	6	4	5	39	0	37	10	4	10	50		-57
GR-L.2	TOTAL	259	20	3	5	5	0	59	8	4	11	40		-89
	POTA:	59	25	4	5	5	0	62	8	6	12	40		-89
	SPOT:	23	10	4	5	5	0	69	8	1	7	40		-101
	CASS:	49	5	4	5	5	0	35	14	0	6	40		-76
	VEGE:	52	27	4	5	5	0	109	10	1	7	40		-126
	FRUI:	32	16	4	5	5	0	19	4	9	15	40		-57
	SUNF:	20	25	4	5	5	0	34	8	8	15	40		-66
	TOBA:	8	25	4	5	5	0	95	0	6	12	40		-114
	FODD:	16	39	4	5	5	0	51	0	14	21	40		-73
GR-L.3	TOTAL	102	3	0	5	5	0	7	0	6	19	50		-69
	COTT:	102	3	0	5	5	0	7	0	6	19	50		-69
GR-L.4	TOTAL	137	28	4	5	5	0	26	2	12	19	30		-47
	PLAN:	33	32	4	5	5	0	10	3	15	21	30		-33
	BANA:	21	23	4	5	5	0	16	4	11	17	30		-41
	CITR:	1	9	4	5	5	0	2	0	10	17	30		-36
	COFF:	64	18	4	5	5	0	31	1	9	16	30		-55
	TEAS:	18	62	4	5	5	0	49	0	21	28	30		-52
GR-H.1	TOTAL	119	77	0	5	5	0	40	0	25	32	30		-40
	COFF:	64	35	0	5	5	0	31	0	14	20	30		-50
	TEAS:	55	125	0	5	5	0	49	0	39	45	30		-28
GR-H.2	TOTAL	14	43	0	5	5	0	58	5	11	17	40		-78
	BARL:	14	43	0	5	5	0	59	5	11	17	40		-79

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PR	TOTAL	613	21011	0	2909	2928	0	27629	2843	7412	11650	27620	221	-50085
PR-L.1	TOTAL	332	33	0	6	6	0	31	5	13	22	60		-86
	MAIZ:	258	37	0	6	5	0	35	5	13	22	60		-87
	MILL:	13	45	0	6	5	0	35	9	14	23	60		-85
	SORG:	20	27	0	6	5	0	16	3	13	22	60		-76
	PULS:	38	4	0	6	14	0	10	1	8	17	60		-72
	GROU:	3	6	0	6	25	0	22	2	7	15	60		-69
PR-L.2	TOTAL	31	7	0	6	5	0	38	8	2	11	50		-91
	SPOT:	9	10	0	6	5	0	54	5	4	12	50		-104
	CASS:	21	5	0	6	5	0	32	10	2	10	50		-88
	FRUI:	1	16	0	6	5	0	11	2	11	20	50		-67
PR-L.3	TOTAL	55	28	0	6	5	0	210	17	7	13	40		-248
	PLAN:	1	32	0	6	5	0	9	3	16	24	40		-49
	BANA:	1	23	0	6	5	0	17	5	11	20	40		-59
	COCN:	30	13	0	6	5	0	342	30	0	3	40		-391
	COFF:	9	18	0	6	5	0	38	1	9	18	40		-77
	TEAS:	14	62	0	6	5	0	63	0	21	29	40		-80
PR-L.4	TOTAL	17	30	0	6	5	0	49	5	11	20	70		-114
	WHEA:	17	30	0	6	5	0	49	5	11	20	70		-114
PR-H.1	TOTAL	68	115	0	6	5	0	56	1	37	46	40		-54
	BARL:	5	43	0	6	5	0	34	3	16	25	40		-64
	CANE:	11	172	0	6	5	0	47	5	53	62	40		-24
	COFF:	9	35	0	6	5	0	38	1	14	23	40		-70
	TEAS:	43	125	0	6	5	0	63	0	39	48	40		-54
	FALLOW:	110											2	
NF	TOTAL	38	2272	0	168	109	777	1219	180	717	1211	0	0	-1
NF-L.1	TOTAL	23	15	0	4	3	30	22	5	6	19	0		0
	MILL:	8	27	0	4	2	36	35	9	7	20	0		0
	SORG:	7	16	0	4	2	26	16	3	8	21	0		0
	OTHC:	5	0	0	4	2	32	15	2	4	17	0		0
	PULS:	3	2	0	4	13	17	12	1	5	18	0		0
NF-H.1	TOTAL	15	129	0	4	2	6	48	5	38	51	0		-1
	CANE:	15	129	0	4	2	6	48	5	38	51	0		0

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IR	TOTAL	82	11750	0	281	523	820	6581	420	2964	4085	0	0	-676
IR-H.1	TOTAL	25	91	0	3	16	10	81	10	19	33	0		-23
	RICE:	18	111	0	3	22	10	66	10	26	40	0		4
	VEGE:	7	41	0	3	2	10	121	9	1	14	0		-89
IR-H.2	TOTAL	57	166	0	3	2	10	80	3	44	57	0		-3
	CANE:	34	215	0	3	2	10	99	5	54	68	0		4
	CITR:	4	23	0	3	2	10	21	1	9	23	0		-16
	COFF:	8	44	0	3	2	10	45	1	13	27	0		-27
	TEAS:	11	156	0	3	2	10	66	0	45	59	0		1

Kenya

Table 95 The P205-balance per crop and Land Use System for Kenya, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5639	108612	7305	6285	0	251	66380	20262	0	0	55799	3529	-16458 (TON/CTY)
LR TOTAL	2439	8318	2324	932	0	0	7144	3597	0	0	7971	3122	-4016 (TON/LNC)
LR-L.1 TOTAL	367	6	2	1	0	0	9	5	0	0	11		-16 (KG/HA)
MAIZ:	115	7	2	1	0	0	10	5	0	0	11		-16 (KG/HA)
MILL:	37	12	5	1	0	0	19	10	0	0	11		-22 (KG/HA)
SORG:	71	7	4	1	0	0	10	8	0	0	11		-17 (KG/HA)
PULS:	118	3	0	1	0	0	3	1	0	0	11		-11 (KG/HA)
GROU:	3	3	2	1	0	0	11	5	0	0	11		-21 (KG/HA)
SESA:	23	8	2	1	0	0	7	5	0	0	11		-12 (KG/HA)
LR-L.2 TOTAL	367	6	4	1	0	0	9	5	0	0	8		-11
MAIZ:	115	7	4	1	0	0	10	5	0	0	8		-11
MILL:	37	12	4	1	0	0	19	10	0	0	8		-20
SORG:	71	7	4	1	0	0	10	8	0	0	8		-14
PULS:	118	3	4	1	0	0	3	1	0	0	8		-4
GROU:	3	3	4	1	0	0	11	5	0	0	8		-16
SESA:	23	8	4	1	0	0	7	5	0	0	8		-7
LR-H.1 TOTAL	144	25	1	1	0	0	5	1	0	0	7		14
WHEA:	44	31	1	1	0	0	13	3	0	0	8		9
BARL:	20	18	1	1	0	0	8	1	0	0	8		3
OILC:	28	0	0	1	0	0	0	0	0	0	8		-7
FIBR:	52	36	0	1	0	0	1	1	0	0	8		27
FALLOW:	1561											2	(KG/HA)
UR TOTAL	1036	19251	2891	1457	0	0	15669	7052	0	0	13609	187	-12544
UR-L.1 TOTAL	711	18	4	2	0	0	17	8	0	0	15		-16
WHEA:	15	47	3	2	0	0	24	7	0	0	15		6
MAIZ:	394	21	5	2	0	0	23	11	0	0	15		-21
MILL:	10	37	6	2	0	0	25	13	0	0	15		-8
SORG:	61	21	5	2	0	0	15	12	0	0	15		-14
OTHC:	1	8	3	2	0	0	16	8	0	0	15		-26
PULS:	226	10	1	2	0	0	5	1	0	0	15		-8
GROU:	4	8	2	2	0	0	8	4	0	0	15		-15
UR-L.2 TOTAL	143	16	2	2	0	0	15	9	0	0	11		-15
POTA:	46	24	2	2	0	0	21	6	0	0	11		-10
SPOT:	27	9	2	2	0	0	17	13	0	0	11		-28
CASS:	36	5	2	2	0	0	8	12	0	0	11		-22
VEGE:	14	21	2	2	0	0	18	13	0	0	11		-17
FRUI:	9	9	2	2	0	0	4	2	0	0	11		-4
SUNF:	7	23	2	2	0	0	6	3	0	0	11		7
FODD:	4	43	2	2	0	0	20	0	0	0	11		16

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UR-H.1	TOTAL	54	73	2	2	0	0	22	5	0	0	15	35	
	WHEA:	44	79	2	2	0	0	24	5	0	0	15	39	
	BARL:	10	45	1	2	0	0	14	3	0	0	15	16	
UR-H.2	TOTAL	35	2	0	2	0	0	9	0	0	0	15	-20	
	COTT:	35	2	0	2	0	0	9	0	0	0	15	-20	
	FALLOW:	93											2	
GR	TOTAL	1431	46063	2090	2625	0	0	27632	7260	0	0	23862	0	-7976
GR-L.1	TOTAL	800	32	2	2	0	0	23	7	0	0	19	-13	
	WHEA:	43	79	2	2	0	0	37	8	0	0	19	19	
	MAIZ:	476	36	2	2	0	0	31	10	0	0	19	-20	
	MILL:	9	62	2	2	0	0	32	11	0	0	19	4	
	SORG:	21	35	2	2	0	0	21	11	0	0	19	-12	
	OTHC:	4	13	2	2	0	0	16	5	0	0	19	-23	
	PULS:	238	16	2	2	0	0	6	1	0	0	19	-6	
	GROU:	9	13	2	2	0	0	14	4	0	0	19	-20	
GR-L.2	TOTAL	259	30	2	2	0	0	22	6	0	0	15	-9	
	POTA:	59	40	2	2	0	0	42	6	0	0	15	-19	
	SPOT:	23	15	2	2	0	0	26	10	0	0	15	-32	
	CASS:	49	9	2	2	0	0	9	7	0	0	15	-18	
	VEGE:	52	36	2	2	0	0	25	10	0	0	15	-10	
	FRUI:	32	16	2	2	0	0	5	1	0	0	15	-1	
	SUNF:	20	38	2	2	0	0	11	3	0	0	15	13	
	TOBA:	8	50	2	2	0	0	32	0	0	0	15	7	
	FODD:	16	72	2	2	0	0	23	0	0	0	15	38	
GR-L.3	TOTAL	102	2	0	2	0	0	9	0	0	0	19	-24	
	COTT:	102	2	0	2	0	0	9	0	0	0	19	-24	
GR-L.4	TOTAL	137	31	2	2	0	0	6	1	0	0	11	17	
	PLAN:	33	41	2	2	0	0	3	2	0	0	11	29	
	BANA:	21	32	2	2	0	0	9	2	0	0	11	14	
	CITR:	1	9	2	2	0	0	1	0	0	0	11	1	
	COFF:	64	23	2	2	0	0	5	2	0	0	11	9	
	TEAS:	18	37	2	2	0	0	12	0	0	0	11	18	
GR-H.1	TOTAL	119	59	0	2	0	0	9	0	0	0	11	41	
	COFF:	64	46	0	2	0	0	5	1	0	0	11	31	
	TEAS:	55	74	0	2	0	0	12	0	0	0	11	53	
GR-H.2	TOTAL	14	89	0	2	0	0	24	2	0	0	15	50	
	BARL:	14	89	0	2	0	0	24	2	0	0	15	50	

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PR	TOTAL	613	20548	0	1101	0	0	0	10909	1592	0	0	10357	221	-988
PR-L.1	TOTAL	332	34	0	2	0	0	0	18	2	0	0	22		-6
	MAIZ:	258	36	0	2	0	0	0	20	2	0	0	23		-7
	MILL:	13	62	0	2	0	0	0	25	4	0	0	23		12
	SORG:	20	35	0	2	0	0	0	14	3	0	0	23		-3
	PULS:	38	16	0	2	0	0	0	4	0	0	0	23		-9
	GROU:	3	13	0	2	0	0	0	8	1	0	0	23		-17
PR-L.2	TOTAL	31	11	0	2	0	0	0	12	5	0	0	19		-23
	SPOT:	9	15	0	2	0	0	0	20	6	0	0	19		-28
	CASS:	21	9	0	2	0	0	0	8	5	0	0	19		-21
	FRUI:	1	16	0	2	0	0	0	3	1	0	0	19		-5
PR-L.3	TOTAL	55	24	0	2	0	0	0	56	8	0	0	15		-53
	PLAN:	1	41	0	2	0	0	0	3	2	0	0	15		23
	BANA:	1	32	0	2	0	0	0	10	2	0	0	15		7
	COCN:	30	17	0	2	0	0	0	92	15	0	0	15		-103
	COFF:	9	23	0	2	0	0	0	7	2	0	0	15		1
	TEAS:	14	37	0	2	0	0	0	16	0	0	0	15		8
PR-L.4	TOTAL	17	79	0	2	0	0	0	22	5	0	0	26		28
	WHEA:	17	79	0	2	0	0	0	22	5	0	0	26		28
PR-H.1	TOTAL	68	92	0	2	0	0	0	18	2	0	0	15		59
	BARL:	5	89	0	2	0	0	0	14	1	0	0	15		61
	CANE:	11	197	0	2	0	0	0	39	11	0	0	15		134
	COFF:	9	46	0	2	0	0	0	7	2	0	0	15		24
	TEAS:	43	74	0	2	0	0	0	16	0	0	0	15		45
	FALLOW:	110												2	
NF	TOTAL	38	2723	0	64	0	5	5	954	223	0	0	0	0	1615
NF-L.1	TOTAL	23	22	0	2	0	0	0	15	2	0	0	0		7
	MILL:	8	37	0	2	0	0	0	25	4	0	0	0		10
	SORG:	7	21	0	2	0	0	0	14	3	0	0	0		6
	OTHC:	5	8	0	2	0	1	1	9	1	0	0	0		0
	PULS:	3	10	0	2	0	0	0	5	0	0	0	0		7
NF-H.1	TOTAL	15	148	0	2	0	0	0	40	11	0	0	0		99
	CANE:	15	148	0	2	0	0	0	40	11	0	0	0		99

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IR	TOTAL	82	11709	0	106	0	246	4072	538	0	0	0	0	7451
IR-H.1	TOTAL	25	71	0	1	0	3	40	5	0	0	0		30
	RICE:	18	78	0	1	0	3	44	4	0	0	0		34
	VEGE:	7	54	0	1	0	3	28	9	0	0	0		21
IR-H.2	TOTAL	57	174	0	1	0	3	54	7	0	0	0		117
	CANE:	34	246	0	1	0	3	83	12	0	0	0		155
	CITR:	4	23	0	1	0	3	6	1	0	0	0		20
	COFF:	8	58	0	1	0	3	8	1	0	0	0		53
	TEAS:	11	92	0	1	0	3	17	0	0	0	0		79

Kenya

Table 96 The K20-balance per crop and Land Use System for Kenya, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5639	14121	29702	13045	0	2285	81449	90489	20213	0	111596	1765	-242830 (TON/CTY)
LR TOTAL	2439	517	9168	1934	0	0	5149	17958	4221	0	15941	1561	-30089 (TON/LWC)
LR-L.1 TOTAL	367	0	10	2	0	0	6	22	4	0	23		-43 (KG/HA)
MAIZ:	115	0	11	2	0	0	6	23	4	0	23		-43 (KG/HA)
MILL:	37	1	36	2	0	0	9	81	10	0	23		-84 (KG/HA)
SORG:	71	0	11	2	0	0	4	24	5	0	23		-43 (KG/HA)
PULS:	118	0	2	2	0	0	5	5	3	0	23		-32 (KG/HA)
GROU:	3	0	7	2	0	0	8	15	3	0	23		-40 (KG/HA)
SESA:	23	2	4	2	0	0	4	9	4	0	23		-32 (KG/HA)
LR-L.2 TOTAL	367	0	13	2	0	0	6	22	6	0	15		-34
MAIZ:	115	0	13	2	0	0	6	23	6	0	15		-35
MILL:	37	1	13	2	0	0	9	81	0	0	15		-89
SORG:	71	0	13	2	0	0	4	24	6	0	15		-34
PULS:	118	0	13	2	0	0	5	5	8	0	15		-18
GROU:	3	0	13	2	0	0	8	15	6	0	15		-29
SESA:	23	2	13	2	0	0	4	9	8	0	15		-19
LR-H.1 TOTAL	144	1	5	2	0	0	7	11	3	0	15		-28
WHEA:	44	4	9	2	0	0	9	21	4	0	15		-34
BARL:	20	1	7	2	0	0	9	15	3	0	15		-32
OILC:	28	0	0	2	0	0	2	1	3	0	15		-19
FIBR:	52	0	3	2	0	0	8	6	2	0	15		-26
FALLOW:	1561											1	(KG/HA)
UR TOTAL	1036	1562	13965	3024	0	0	16420	31448	6481	0	27217	93	-62922
UR-L.1 TOTAL	711	1	17	3	0	0	12	38	8	0	30		-67
WHEA:	15	5	26	3	0	0	17	58	11	0	30		-82
MAIZ:	394	1	24	3	0	0	14	53	9	0	30		-78
MILL:	10	4	47	3	0	0	12	104	15	0	30		-107
SORG:	61	1	16	3	0	0	5	36	8	0	30		-59
OTHC:	1	0	21	3	0	0	9	46	8	0	30		-69
PULS:	226	0	4	3	0	0	9	8	5	0	30		-45
GROU:	4	0	5	3	0	0	6	11	5	0	30		-44
UR-L.2 TOTAL	143	4	6	3	0	0	48	17	2	0	22		-76
POTA:	46	3	7	3	0	0	58	19	0	0	23		-87
SPOT:	27	6	7	3	0	0	84	19	0	0	23		-110
CASS:	36	1	7	3	0	0	35	6	4	0	23		-57
VEGE:	14	5	7	3	0	0	26	39	0	0	23		-73
FRUI:	9	3	7	3	0	0	19	24	3	0	23		-56
SUNF:	7	8	7	3	0	0	5	17	8	0	23		-35
FODD:	4	0	7	3	0	0	39	0	4	0	23		-56

Kenya

UR-H.1 TOTAL	54	8	16	3	0	0	17	37	8	0	30	-65	
WHEA:	44	9	17	3	0	0	17	38	9	0	30	-65	
BARL:	10	4	12	3	0	0	16	28	6	0	30	-61	
UR-H.2 TOTAL	35	0	0	3	0	0	4	0	10	0	30	-41	
COTT:	35	0	0	3	0	0	4	0	10	0	30	-41	
FALLOW:	93										1		
GR TOTAL	1431	6310	6569	5448	0	0	37699	33858	6260	0	47723	0	-107213
GR-L.1 TOTAL	800	2	5	4	0	0	16	35	2	0	37	-79	
WHEA:	43	9	6	4	0	0	26	59	0	0	38	-104	
MAIZ:	476	1	6	4	0	0	19	47	0	0	38	-93	
MILL:	9	6	6	4	0	0	15	89	0	0	38	-126	
SORG:	21	2	6	4	0	0	8	34	3	0	38	-71	
OTHC:	4	0	6	4	0	0	9	31	2	0	38	-70	
PULS:	238	0	6	4	0	0	11	6	7	0	38	-52	
GROU:	9	0	6	4	0	0	10	12	6	0	38	-56	
GR-L.2 TOTAL	259	6	5	4	0	0	64	15	2	0	30	-96	
POTA:	59	6	6	4	0	0	116	19	0	0	30	-149	
SPOT:	23	10	6	4	0	0	126	14	0	0	30	-150	
CASS:	49	2	6	4	0	0	43	4	5	0	30	-70	
VEGE:	52	9	6	4	0	0	38	28	0	0	30	-77	
FRUI:	32	5	6	4	0	0	22	14	4	0	30	-55	
SUNF:	20	13	6	4	0	0	9	17	8	0	30	-41	
TOBA:	8	13	6	4	0	0	148	0	1	0	30	-156	
FOOD:	16	0	6	4	0	0	43	0	5	0	30	-68	
GR-L.3 TOTAL	102	0	0	4	0	0	4	0	13	0	37	-50	
COTT:	102	0	0	4	0	0	4	0	13	0	38	-51	
GR-L.4 TOTAL	137	8	6	4	0	0	36	12	6	0	23	-59	
PLAN:	33	9	6	4	0	0	59	22	0	0	23	-85	
BANA:	21	9	6	4	0	0	70	37	0	0	23	-111	
CITR:	1	0	6	4	0	0	3	1	9	0	23	-26	
COFF:	64	5	6	4	0	0	18	2	9	0	23	-37	
TEAS:	18	15	6	4	0	0	23	0	15	0	23	-36	
GR-H.1 TOTAL	119	19	0	4	0	0	20	1	14	0	23	-35	
COFF:	64	9	0	4	0	0	18	1	9	0	23	-38	
TEAS:	55	30	0	4	0	0	23	0	19	0	23	-31	
GR-H.2 TOTAL	14	7	0	4	0	0	27	19	0	0	30	-65	
BARL:	14	7	0	4	0	0	27	19	0	0	30	-65	

Kenya

PR	TOTAL	613	3071	0	2286	0	0	11072	5672	2824	0	20715	110	-34816
PR-L.1	TOTAL	332	2	0	5	0	0	11	11	4	0	45		-64
	MAIZ:	258	1	0	5	0	0	12	12	3	0	45		-66
	MILL:	13	6	0	5	0	0	12	28	0	0	45		-74
	SORG:	20	2	0	5	0	0	5	9	5	0	45		-57
	PULS:	38	0	0	5	0	0	7	2	8	0	45		-57
	GROU:	3	0	0	5	0	0	6	3	7	0	45		-56
PR-L.2	TOTAL	31	5	0	5	0	0	55	5	4	0	37		-91
	SPOT:	9	10	0	5	0	0	99	9	0	0	38		-131
	CASS:	21	2	0	5	0	0	39	3	5	0	38		-78
	FRUI:	1	5	0	5	0	0	14	7	7	0	38		-56
PR-L.3	TOTAL	55	9	0	5	0	0	50	20	5	0	30		-91
	PLAN:	1	9	0	5	0	0	52	20	0	0	30		-88
	BANA:	1	9	0	5	0	0	77	41	0	0	30		-134
	COCN:	30	7	0	5	0	0	66	34	0	0	30		-118
	COFF:	9	5	0	5	0	0	22	2	8	0	30		-52
	TEAS:	14	15	0	5	0	0	29	0	14	0	30		-53
PR-L.4	TOTAL	17	9	0	5	0	0	15	35	5	0	52		-93
	WHEA:	17	9	0	5	0	0	15	35	5	0	53		-94
PR-H.1	TOTAL	68	26	0	5	0	0	40	2	17	0	30		-58
	BARL:	5	7	0	5	0	0	16	11	6	0	30		-51
	CANE:	11	34	0	5	0	0	110	6	12	0	30		-119
	COFF:	9	9	0	5	0	0	22	2	10	0	30		-50
	TEAS:	43	30	0	5	0	0	29	0	21	0	30		-45
	FALLOW:	110											1	
NF	TOTAL	38	423	0	132	0	1875	1858	419	152	0	0	0	1
NF-L.1	TOTAL	23	2	0	3	0	19	8	14	3	0	0		-1
	MILL:	8	4	0	3	0	32	12	28	0	0	0		0
	SORG:	7	1	0	3	0	12	5	9	3	0	0		0
	OTHC:	5	0	0	3	0	12	5	7	4	0	0		0
	PULS:	3	0	0	3	0	12	8	2	6	0	0		0
NF-H.1	TOTAL	15	26	0	3	0	95	112	6	6	0	0		0
	CANE:	15	26	0	3	0	95	112	6	6	0	0		0

Kenya

IR	TOTAL	82	2238	0	221	0	410	9251	1134	275	0	0	0	-7791
IR-H.1	TOTAL	25	12	0	3	0	5	28	35	0	0	0		-43
	RICE:	18	11	0	3	0	5	23	39	0	0	0		-43
	VEGE:	7	13	0	3	0	5	42	25	0	0	0		-46
IR-H.2	TOTAL	57	34	0	3	0	5	150	5	5	0	0		-118
	CANE:	34	43	0	3	0	5	231	7	0	0	0		-187
	CITR:	4	0	0	3	0	5	32	6	0	0	0		-30
	COFF:	8	12	0	3	0	5	26	1	7	0	0		-14
	TEAS:	11	37	0	3	0	5	31	0	20	0	0		-6

Lesotho

PR	TOTAL	54	:	0	0	87	0	0	:	105	140	23	0	525	:	26	:	-680
PR-L.1	TOTAL	28	:	0	0	3	0	0	:	4	5	1	0	19	:		:	-26

	MAIZ:	19	:	0	0	3	0	0	:	4	5	1	0	19	:		:	-26
	SORG:	6	:	0	0	3	0	0	:	2	5	1	0	19	:		:	-24
	OTHC:	1	:	0	0	3	0	0	:	8	14	0	0	19	:		:	-38
	PULS:	2	:	0	0	3	0	0	:	4	1	2	0	19	:		:	-23
	FALLOW:	26	:						:						:	1	:	
NF	TOTAL	0	:	0	0	0	0	0	:	0	0	0	0	0	:	0	:	0
IR	TOTAL	0	:	0	0	0	0	0	:	0	0	0	0	0	:	0	:	0

Liberia

IR	TOTAL	3	9	0	20	66	30	77	12	14	29	0	0	-7
IR-H.1	TOTAL	3	3	0	7	22	10	26	4	5	10	0		-3
	RICE:	3	3	0	7	22	10	26	4	5	10	0		-3

Liberia

IR	TOTAL	3	6	0	7	0	9	51	5	0	0	0	0	-34
IR-H.1	TOTAL	3	2	0	2	0	3	17	2	0	0	0	-12	
	RICE:	3	2	0	2	0	3	17	2	0	0	0	-12	

Liberia

IR	TOTAL	3	:	0	0	15	0	15	:	27	45	0	0	0	:	0	:	-42
IR-H.1	TOTAL	3	:	0	0	5	0	5	:	9	15	0	0	0	:		:	-14
	RICE:	3	:	0	0	5	0	5	:	9	15	0	0	0	:		:	-14

Liberia

Table 106 The N-balance per crop and Land Use System for Liberia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1035	2000	0	3727	6780	2222	14450	3455	2393	8088	5120	377	-18400 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
PR TOTAL	726	1159	0	2604	3058	0	9964	2441	1651	6322	5120	377	-18300 (TON/LWC)
PR-L.1 TOTAL	156	4	0	5	7	0	16	7	4	12	15		-38 (KG/HA)
RICE:	137	5	0	5	5	0	15	7	4	13	15		-39 (KG/HA)
PULS:	8	0	0	5	18	0	14	3	4	12	15		-25 (KG/HA)
SOYB:	6	0	0	5	30	0	31	4	1	10	15		-26 (KG/HA)
GROU:	5	0	0	5	29	0	26	5	2	11	15		-25 (KG/HA)
PR-L.2 TOTAL	175	1	0	5	5	0	26	7	1	9	10		-42
SPOT:	4	0	0	5	5	0	62	7	0	6	10		-75
CASS:	119	0	0	5	5	0	22	9	0	9	10		-40
OTHR:	3	0	0	5	5	0	45	5	0	8	10		-58
CANE:	20	5	0	5	5	0	23	3	4	12	10		-37
VEGE:	26	4	0	5	5	0	38	3	2	10	10		-49
FRUI:	3	0	0	5	5	0	13	3	3	12	10		-31
PR-L.3 TOTAL	206	1	0	5	5	0	14	1	5	13	5		-27
PLAN:	7	0	0	5	5	0	6	1	4	13	5		-19
BANA:	15	0	0	5	5	0	10	1	3	12	5		-21
CITR:	2	0	0	5	5	0	13	0	4	13	5		-25
PALM:	15	0	0	5	5	0	8	1	4	12	5		-20
COCN:	7	0	0	5	5	0	159	7	0	3	5		-164
COCO:	25	0	0	5	5	0	12	1	4	13	5		-25
COFF:	31	3	0	5	5	0	18	0	5	14	5		-29
RUBB:	104	2	0	5	5	0	6	0	6	14	5		-19
FALLOW:	189											2	(KG/HA)

Liberia

NF	TOTAL	300	776	0	1064	3524	2132	4142	961	707	1686	0	0	0
NF-L.1	TOTAL	160	5	0	7	22	13	26	6	4	10	0		1
	RICE:	160	5	0	7	22	13	26	6	4	10	0		0
NF-L.2	TOTAL	2	1	0	7	2	36	30	2	4	10	0		0
	VEGE:	1	2	0	7	2	51	49	2	3	9	0		0
	BANA:	1	0	0	7	2	21	11	1	6	12	0		0
	FALLOW:	138											2	
IR	TOTAL	9	65	0	59	198	90	344	53	35	80	0	0	-100
IR-H.1	TOTAL	9	7	0	7	22	10	38	6	4	9	0		-11
	RICE:	9	7	0	7	22	10	38	6	4	9	0		-11

Liberia

Table 107 The P205-balance per crop and Land Use System for Liberia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1035	1502	0	1411	0	2315	6959	1931	0	0	1536	377	-4821 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
PR TOTAL	726	886	0	986	0	0	3964	1415	0	0	1536	377	-4666 (TON/LWC)
PR-L.1 TOTAL	156	4	0	2	0	0	10	3	0	0	4		-11 (KG/HA)
RICE:	137	4	0	2	0	0	10	4	0	0	4		-12 (KG/HA)
PULS:	8	13	0	2	0	0	5	1	0	0	4		5 (KG/HA)
SOYB:	6	0	0	2	0	0	13	1	0	0	4		-16 (KG/HA)
GROU:	5	0	0	2	0	0	10	2	0	0	4		-14 (KG/HA)
PR-L.2 TOTAL	175	1	0	2	0	0	8	5	0	0	3		-13
SPOT:	4	0	0	2	0	0	23	9	0	0	3		-33
CASS:	119	0	0	2	0	0	6	5	0	0	3		-12
OTHR:	3	0	0	2	0	0	7	3	0	0	3		-11
CANE:	20	5	0	2	0	0	20	7	0	0	3		-23
VEGE:	26	0	0	2	0	0	9	3	0	0	3		-13
FRUI:	3	0	0	2	0	0	3	1	0	0	3		-5
PR-L.3 TOTAL	206	1	0	2	0	0	5	0	0	0	1		-3
PLAN:	7	0	0	2	0	0	2	1	0	0	2		-3
BANA:	15	0	0	2	0	0	6	1	0	0	2		-7
CITR:	2	0	0	2	0	0	4	0	0	0	2		-4
PALM:	15	0	0	2	0	0	5	0	0	0	2		-5
COCN:	7	0	0	2	0	0	43	3	0	0	2		-46
COCO:	25	0	0	2	0	0	6	0	0	0	2		-6
COFF:	31	3	0	2	0	0	3	0	0	0	2		0
RUBB:	104	1	0	2	0	0	2	0	0	0	2		-1
FALLOW:	189											2	(KG/HA)

Liberia

NF	TOTAL	300	568	0	403	0	2288	2763	495	0	0	0	0	1
NF-L.1	TOTAL	160	4	0	2	0	14	17	3	0	0	0	0	0
	RICE:	160	4	0	2	0	14	17	3	0	0	0	0	0
NF-L.2	TOTAL	2	0	0	2	0	7	9	1	0	0	0	0	-1
	VEGE:	1	0	0	2	0	11	11	2	0	0	0	0	0
	BANA:	1	0	0	2	0	4	6	1	0	0	0	0	0
	FALLOW:	138											2	
IR	TOTAL	9	48	0	22	0	27	232	21	0	0	0	0	-156
IR-H.1	TOTAL	9	5	0	2	0	3	26	2	0	0	0	0	-18
	RICE:	9	5	0	2	0	3	26	2	0	0	0	0	-18

Liberia

Table 108 The K20-balance per crop and Land Use System for Liberia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1035	600	0	2928	0	4382	10204	8782	940	0	3840	189	-15667 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
PR TOTAL	726	600	0	2046	0	0	8575	4916	939	0	3840	189	-15435 (TON/LWC)
PR-L.1 TOTAL	156	0	0	4	0	0	6	24	0	0	11		-37 (KG/HA)
RICE:	137	0	0	4	0	0	5	27	0	0	11		-39 (KG/HA)
PULS:	8	0	0	4	0	0	9	4	2	0	11		-22 (KG/HA)
SOYB:	6	0	0	4	0	0	12	4	2	0	11		-25 (KG/HA)
GROU:	5	0	0	4	0	0	7	7	2	0	11		-23 (KG/HA)
PR-L.2 TOTAL	175	0	0	4	0	0	30	4	0	0	7		-37
SPOT:	4	0	0	4	0	0	114	13	0	0	8		-131
CASS:	119	0	0	4	0	0	27	2	1	0	8		-34
OTHR:	3	0	0	4	0	0	34	9	0	0	8		-47
CANE:	20	0	0	4	0	0	55	4	0	0	8		-63
VEGE:	26	0	0	4	0	0	13	10	0	0	8		-27
FRUI:	3	0	0	4	0	0	15	9	0	0	8		-28
PR-L.3 TOTAL	206	3	0	4	0	0	12	2	4	0	4		-15
PLAN:	7	0	0	4	0	0	34	6	0	0	4		-40
BANA:	15	0	0	4	0	0	47	12	0	0	4		-59
CIIR:	2	0	0	4	0	0	21	4	0	0	4		-25
PALM:	15	27	0	4	0	0	14	2	15	0	4		-4
COCN:	7	0	0	4	0	0	31	8	0	0	4		-39
COCO:	25	0	0	4	0	0	7	1	2	0	4		-10
COFF:	31	0	0	4	0	0	10	1	3	0	4		-14
RUBB:	104	2	0	4	0	0	5	0	4	0	4		-7
FALLOW:	189											1	(KG/HA)

Liberia

NF	TOTAL	300	0	0	836	0	4337	1507	3664	1	0	0	0	1
NF-L.1	TOTAL	160	0	0	5	0	27	9	23	0	0	0		0
	RICE:	160	0	0	5	0	27	9	23	0	0	0		0
NF-L.2	TOTAL	2	0	0	5	0	36	32	9	0	0	0		0
	VEGE:	1	0	0	5	0	17	17	5	1	0	0		0
	BANA:	1	0	0	5	0	55	48	13	0	0	0		0
	FALLOW:	138											1	
IR	TOTAL	9	0	0	46	0	45	122	202	0	0	0	0	-233
IR-H.1	TOTAL	9	0	0	5	0	5	14	22	0	0	0		-26
	RICE:	9	0	0	5	0	5	14	22	0	0	0		-26

Madagascar

Table 109 The N-balance per crop and Land Use System for Madagascar, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	3131	5198	3209	14970	32366	10660	54286	13005	11526	23885	32595	1415	-67478 (TON/CTY)
LR TOTAL	83	7	85	82	209	0	390	189	69	156	480	118	-783 (TON/LWC)
LR-L.1 TOTAL	24	0	4	3	9	0	16	8	3	6	20		-37 (KG/HA)
MAIZ:	13	0	4	3	3	0	17	9	3	6	20		-45 (KG/HA)
SORG:	3	0	2	3	3	0	7	5	4	7	20		-35 (KG/HA)
PULS:	2	0	1	3	10	0	8	3	4	7	20		-28 (KG/HA)
GROU:	6	1	4	3	23	0	22	9	2	6	20		-28 (KG/HA)
FALLOW:	59											2	(KG/HA)
UR TOTAL	206	152	647	701	999	0	2969	958	579	1380	5010	78	-8319
UR-L.1 TOTAL	48	1	4	4	11	0	19	9	4	8	30		-50
MAIZ:	32	1	4	4	4	0	17	9	4	9	30		-56
PULS:	9	1	4	4	22	0	20	8	4	8	30		-39
GROU:	7	2	5	4	28	0	26	10	3	8	30		-38
UR-L.2 TOTAL	114	1	4	4	4	0	18	5	3	8	30		-51
POTA:	1	2	4	4	4	0	29	4	3	7	30		-59
SPOT:	20	0	4	4	4	0	18	2	4	9	30		-51
CASS:	62	0	4	4	4	0	17	7	2	7	30		-51
OTHR:	2	0	4	4	4	0	30	3	2	7	30		-60
VEGE:	9	1	4	4	4	0	37	3	2	6	30		-65
FRUI:	11	2	4	4	4	0	12	3	5	10	30		-46
OILC:	2	0	4	4	4	0	1	0	7	11	30		-37
TOBA:	1	0	4	4	4	0	39	0	3	7	30		-67
FIBR:	6	2	4	4	4	0	3	0	7	11	30		-37
UR-L.3 TOTAL	5	7	0	4	4	0	9	0	6	19	30		-49
COTT:	5	7	0	4	4	0	9	0	6	19	30		-49
FALLOW:	39											2	
GR TOTAL	776	989	1351	2776	3894	0	11416	2827	2021	4357	10490	528	-21573
GR-L.1 TOTAL	132	1	3	5	15	0	22	7	4	8	25		-42
MAIZ:	80	1	3	5	5	0	18	6	5	9	25		-49
PULS:	35	2	2	5	23	0	20	5	5	9	25		-32
GROU:	17	3	5	5	46	0	45	12	2	6	25		-31

Madagascar

Table 110 The P205-balance per crop and Land Use System for Madagascar, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	3131	2501	1561	5668	0	4213	26670	7081	0	0	10190	1415	-28582 (TON/CTY)
LR TOTAL	83	9	43	31	0	0	197	95	0	0	180	118	-271 (TON/LWC)
LR-L.1 TOTAL	24	0	2	1	0	0	8	4	0	0	7		-16 (KG/HA)
MAIZ:	13	0	2	1	0	0	9	4	0	0	8		-18 (KG/HA)
SORG:	3	0	2	1	0	0	6	5	0	0	8		-16 (KG/HA)
PULS:	2	1	0	1	0	0	3	1	0	0	8		-10 (KG/HA)
GROU:	6	1	2	1	0	0	8	4	0	0	8		-16 (KG/HA)
FALLOW:	59											2	(KG/HA)
UR TOTAL	206	119	311	266	0	0	1061	499	0	0	1879	78	-2665
UR-L.1 TOTAL	48	1	2	2	0	0	9	4	0	0	11		-19
MAIZ:	32	1	2	2	0	0	9	4	0	0	11		-19
PULS:	9	3	1	2	0	0	8	2	0	0	11		-15
GROU:	7	2	2	2	0	0	10	4	0	0	11		-19
UR-L.2 TOTAL	114	0	2	2	0	0	5	3	0	0	11		-15
POTA:	1	2	2	2	0	0	20	3	0	0	11		-28
SPOT:	20	0	2	2	0	0	7	3	0	0	11		-17
CASS:	62	0	2	2	0	0	4	4	0	0	11		-15
OTHR:	2	0	2	2	0	0	5	2	0	0	11		-14
VEGE:	9	0	2	2	0	0	9	3	0	0	11		-19
FRUI:	11	1	2	2	0	0	3	1	0	0	11		-10
OILC:	2	0	2	2	0	0	0	0	0	0	11		-7
TOBA:	1	0	2	2	0	0	13	0	0	0	11		-20
FIBR:	6	2	2	2	0	0	1	0	0	0	11		-6
UR-L.3 TOTAL	5	4	0	2	0	0	11	0	0	0	11		-16
COTT:	5	4	0	2	0	0	11	0	0	0	11		-16
FALLOW:	39											2	
GR TOTAL	776	680	643	1051	0	0	4354	1561	0	0	3147	528	-6160
GR-L.1 TOTAL	132	2	1	2	0	0	10	3	0	0	7		-15
MAIZ:	80	1	1	2	0	0	10	3	0	0	8		-17
PULS:	35	5	1	2	0	0	8	1	0	0	8		-9
GROU:	17	3	2	2	0	0	16	5	0	0	8		-22

Madagascar

Table 111 The K20-balance per crop and Land Use System for Madagascar, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	3131	3997	5365	11763	0	9251	35709	33140	8244	0	24445	708	-70454 (TON/CTY)
LR TOTAL	83	4	178	65	0	0	127	396	114	0	360	59	-691 (TON/LWC)
LR-L.1 TOTAL	24	0	7	3	0	0	5	17	5	0	15		-32 (KG/HA)
MAIZ:	13	0	10	3	0	0	6	21	5	0	15		-34 (KG/HA)
SORG:	3	0	7	3	0	0	2	15	5	0	15		-27 (KG/HA)
PULS:	2	0	2	3	0	0	5	5	4	0	15		-24 (KG/HA)
GROU:	6	1	5	3	0	0	6	11	4	0	15		-27 (KG/HA)
FALLOW:	59											1	(KG/HA)
UR TOTAL	206	167	1135	551	0	0	2780	1280	1002	0	3757	39	-6927
UR-L.1 TOTAL	48	0	8	3	0	0	7	18	6	0	22		-42
MAIZ:	32	0	10	3	0	0	6	21	7	0	23		-44
PULS:	9	0	5	3	0	0	13	12	5	0	23		-45
GROU:	7	2	6	3	0	0	7	13	7	0	23		-39
UR-L.2 TOTAL	114	1	6	3	0	0	21	4	6	0	22		-43
POTA:	1	2	7	3	0	0	56	9	0	0	23		-76
SPOT:	20	1	7	3	0	0	33	4	4	0	23		-53
CASS:	62	1	7	3	0	0	20	2	6	0	23		-40
OTHR:	2	0	7	3	0	0	23	6	4	0	23		-46
VEGE:	9	1	7	3	0	0	13	10	4	0	23		-39
FRUI:	11	4	7	3	0	0	14	9	6	0	23		-38
OILC:	2	0	7	3	0	0	2	1	8	0	23		-24
TOBA:	1	0	7	3	0	0	61	0	2	0	23		-76
FIBR:	6	0	7	3	0	0	5	2	7	0	23		-27
UR-L.3 TOTAL	5	4	0	3	0	0	5	0	14	0	22		-34
COTT:	5	4	0	3	0	0	5	0	14	0	23		-35
FALLOW:	39											1	
GR TOTAL	776	1091	2282	2181	0	0	10656	3859	2529	0	7867	264	-19093
GR-L.1 TOTAL	132	0	6	4	0	0	9	13	5	0	19		-36
MAIZ:	80	0	7	4	0	0	6	16	5	0	19		-35
PULS:	35	0	4	4	0	0	13	8	4	0	19		-36
GROU:	17	3	7	4	0	0	12	15	6	0	19		-38

Madagascar

Table 112 The N-balance per crop and Land Use System for Madagascar, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4025	19614	4402	19226	43575	14165	94177	22239	14702	30848	40575	1859	-99701 (TON/CTY)
LR TOTAL	107	20	112	106	299	0	520	249	91	202	620	152	-993 (TON/LWC)
LR-L.1 TOTAL	31	1	4	3	10	0	17	8	3	7	20		-37 (KG/HA)
MAIZ:	16	1	4	3	3	0	17	9	3	7	20		-45 (KG/HA)
SORG:	3	0	3	3	3	0	9	6	4	7	20		-37 (KG/HA)
PULS:	3	1	1	3	10	0	8	3	4	8	20		-28 (KG/HA)
GROU:	9	1	4	3	23	0	22	9	2	6	20		-28 (KG/HA)
FALLOW:	76											2	(KG/HA)
UR TOTAL	273	402	783	836	1479	0	4410	1339	638	1642	5970	147	-10352
UR-L.1 TOTAL	71	2	4	4	14	0	21	10	4	9	30		-50
MAIZ:	45	2	4	4	4	0	17	9	4	9	30		-55
PULS:	13	3	4	4	26	0	24	9	4	9	30		-39
GROU:	13	3	6	4	35	0	33	13	3	7	30		-38
UR-L.2 TOTAL	118	1	4	4	4	0	24	5	2	7	30		-55
POTA:	2	4	4	4	4	0	29	4	3	8	30		-58
SPOT:	23	1	4	4	4	0	27	3	3	7	30		-57
CASS:	55	1	4	4	4	0	21	8	2	6	30		-54
OTHR:	3	0	4	4	4	0	46	5	0	5	30		-74
VEGE:	14	1	4	4	4	0	41	4	1	6	30		-69
FRUI:	15	3	4	4	4	0	13	3	5	10	30		-46
OILC:	1	0	4	4	4	0	1	0	7	11	30		-37
TOBA:	1	0	4	4	4	0	45	0	2	7	30		-72
FIBR:	4	0	4	4	4	0	3	0	6	11	30		-38
UR-L.3 TOTAL	10	9	0	4	4	0	11	0	6	21	30		-51
COTT:	10	9	0	4	4	0	11	0	6	21	30		-51
FALLOW:	74											2	
GR TOTAL	1002	2179	1875	3367	5747	0	20517	5241	2055	5114	12900	761	-31898
GR-L.1 TOTAL	179	4	4	5	20	0	32	10	4	8	25		-46
MAIZ:	112	3	4	5	5	0	25	9	4	8	25		-54
PULS:	41	6	3	5	31	0	28	7	5	9	25		-29
GROU:	26	4	8	5	66	0	67	18	0	4	25		-31

Madagascar

NF	TOTAL	285	1133	999	2189	6280	2325	4305	2019	2759	3844	0	0	-1
NF-L.1	TOTAL	285	4	4	8	22	8	15	7	10	13	0		1
	RICE:	285	4	4	8	22	8	15	7	10	13	0		0
IR	TOTAL	1184	12947	0	7413	25329	11840	39238	8923	4843	11565	0	0	-7040
IR-L.1	TOTAL	1179	11	0	6	21	10	33	8	4	10	0		-7
	RICE:	1148	10	0	6	22	10	32	8	4	9	0		-5
	CANE:	31	43	0	6	2	10	58	6	12	18	0		-33
IR-H.1	TOTAL	5	47	0	6	2	10	30	0	17	41	0		-23
	COTT:	5	47	0	6	2	10	30	0	17	41	0		-23

Madagascar

Table 113 The P205-balance per crop and Land Use System for Madagascar, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4025	7700	2121	7278	0	5788	47455	12226	0	0	12666	1859	-47602 (TON/CTY)
LR TOTAL	107	16	55	40	0	0	256	123	0	0	232	152	-348 (TON/LWC)
LR-L.1 TOTAL	31	1	2	1	0	0	8	4	0	0	7		-15 (KG/HA)
MAIZ:	16	0	2	1	0	0	9	4	0	0	8		-18 (KG/HA)
SORG:	3	0	3	1	0	0	8	6	0	0	8		-18 (KG/HA)
PULS:	3	2	0	1	0	0	3	1	0	0	8		-9 (KG/HA)
GROU:	9	1	2	1	0	0	8	4	0	0	8		-16 (KG/HA)
FALLOW:	76											2	(KG/HA)
UR TOTAL	273	231	369	316	0	0	1635	698	0	0	2239	147	-3509
UR-L.1 TOTAL	71	2	2	2	0	0	10	4	0	0	11		-19
MAIZ:	45	0	2	2	0	0	9	4	0	0	11		-20
PULS:	13	6	1	2	0	0	9	2	0	0	11		-13
GROU:	13	3	2	2	0	0	12	6	0	0	11		-22
UR-L.2 TOTAL	118	1	2	2	0	0	7	3	0	0	11		-16
POTA:	2	3	2	2	0	0	20	3	0	0	11		-27
SPOT:	23	0	2	2	0	0	10	4	0	0	11		-21
CASS:	55	1	2	2	0	0	5	4	0	0	11		-15
OTHR:	3	0	2	2	0	0	7	3	0	0	11		-17
VEGE:	14	1	2	2	0	0	10	4	0	0	11		-20
FRUI:	15	2	2	2	0	0	3	1	0	0	11		-9
OILC:	1	0	2	2	0	0	0	0	0	0	11		-7
TOBA:	1	0	2	2	0	0	15	0	0	0	11		-22
FIBR:	4	0	2	2	0	0	0	0	0	0	11		-7
UR-L.3 TOTAL	10	3	0	2	0	0	13	0	0	0	11		-19
COTT:	10	3	0	2	0	0	13	0	0	0	11		-19
FALLOW:	74											2	
GR TOTAL	1002	1343	880	1275	0	0	8156	2855	0	0	3870	761	-10622
GR-L.1 TOTAL	179	3	2	2	0	0	15	4	0	0	7		-19
MAIZ:	112	1	2	2	0	0	14	4	0	0	8		-21
PULS:	41	10	1	2	0	0	11	2	0	0	8		-8
GROU:	26	4	3	2	0	0	25	7	0	0	8		-31

Madagascar

NF	TOTAL	285	369	500	829	0	2236	2894	1039	0	0	0	0	1
NF-L.1	TOTAL	285	1	2	3	0	8	10	4	0	0	0	0	0
	RICE:	285	1	2	3	0	8	10	4	0	0	0	0	0
IR	TOTAL	1184	4323	0	2806	0	3552	26751	4920	0	0	0	0	-20990
IR-L.1	TOTAL	1179	4	0	2	0	3	23	4	0	0	0	0	-18
	RICE:	1148	3	0	2	0	3	22	4	0	0	0	0	-18
	CANE:	31	18	0	2	0	3	48	14	0	0	0	0	-39
IR-H.1	TOTAL	5	13	0	2	0	3	36	0	0	0	0	0	-18
	COTT:	5	13	0	2	0	3	36	0	0	0	0	0	-18

Madagascar

Table 114 The K20-balance per crop and Land Use System for Madagascar, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4025	14711	7412	15108	0	13092	61897	57233	11604	0	30431	929	-109912 (TON/CTY)
LR TOTAL	107	17	228	84	0	0	168	506	152	0	465	76	-886 (TON/LWC)
LR-L.1 TOTAL	31	1	7	3	0	0	5	16	5	0	15		-30 (KG/HA)
MAIZ:	16	0	10	3	0	0	6	21	5	0	15		-34 (KG/HA)
SORG:	3	0	8	3	0	0	3	18	5	0	15		-30 (KG/HA)
PULS:	3	0	2	3	0	0	5	5	4	0	15		-24 (KG/HA)
GROU:	9	2	5	3	0	0	6	11	5	0	15		-27 (KG/HA)
FALLOW:	76											1	(KG/HA)
UR TOTAL	273	479	1377	657	0	0	3915	1955	1245	0	4477	74	-9005
UR-L.1 TOTAL	71	1	9	3	0	0	8	19	7	0	22		-43
MAIZ:	45	0	10	3	0	0	6	21	7	0	23		-44
PULS:	13	0	6	3	0	0	16	14	5	0	23		-49
GROU:	13	5	7	3	0	0	9	16	8	0	23		-41
UR-L.2 TOTAL	118	3	6	3	0	0	28	5	5	0	22		-48
POTA:	2	4	7	3	0	0	56	9	1	0	23		-75
SPOT:	23	3	7	3	0	0	50	6	2	0	23		-68
CASS:	55	3	7	3	0	0	25	2	6	0	23		-43
OTHR:	3	4	7	3	0	0	35	9	3	0	23		-56
VEGE:	14	2	7	3	0	0	14	11	4	0	23		-40
FRUI:	15	6	7	3	0	0	16	10	6	0	23		-39
OILC:	1	0	7	3	0	0	2	1	8	0	23		-24
TOBA:	1	0	7	3	0	0	70	0	1	0	23		-84
FIBR:	4	0	7	3	0	0	4	1	8	0	23		-26
UR-L.3 TOTAL	10	4	0	3	0	0	6	0	16	0	22		-37
COTT:	10	4	0	3	0	0	6	0	16	0	23		-38
FALLOW:	74											1	
GR TOTAL	1002	2818	3242	2646	0	0	18694	6886	3372	0	9675	381	-29540
GR-L.1 TOTAL	179	2	9	4	0	0	12	19	5	0	19		-40
MAIZ:	112	1	10	4	0	0	9	21	5	0	19		-39
PULS:	41	0	5	4	0	0	19	11	4	0	19		-44
GROU:	26	8	10	4	0	0	18	22	8	0	19		-45

Madagascar

NF	TOTAL	285	571	1570	1720	0	7172	1521	7689	1822	0	0	0	1
NF-L.1	TOTAL	285	2	6	6	0	25	5	27	6	0	0		1
	RICE:	285	2	6	6	0	25	5	27	6	0	0		0
IR	TOTAL	1184	7080	0	5825	0	5920	17467	33542	466	0	0	0	-32650
IR-L.1	TOTAL	1179	6	0	5	0	5	15	28	0	0	0		-27
	RICE:	1148	5	0	5	0	5	11	29	0	0	0		-25
	CANE:	31	40	0	5	0	5	136	8	9	0	0		-103
IR-H.1	TOTAL	5	20	0	5	0	5	17	0	35	0	0		-22
	COTT:	5	20	0	5	0	5	17	0	35	0	0		-22

Malawi

Table 115 The N-balance per crop and Land Use System for Malawi, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2518	24976	1484	10736	16556	736	49620	9599	14021	30927	121475	292	-170863 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	377	1123	884	1172	2512	0	4832	2014	1188	1970	6675	196	-10792 (TON/LWC)
UR-L.1 TOTAL	248	4	4	4	10	0	16	8	4	7	25		-38 (KG/HA)
MAIZ:	122	5	4	4	4	0	17	9	5	7	25		-46 (KG/HA)
SORG:	28	5	5	4	4	0	15	10	5	8	25		-45 (KG/HA)
PULS:	45	2	2	4	15	0	12	5	4	7	25		-30 (KG/HA)
GROU:	53	3	3	4	21	0	19	7	4	6	25		-30 (KG/HA)
UR-L.2 TOTAL	23	3	0	4	4	0	31	2	2	5	15		-44
POTA:	2	2	0	4	4	0	15	4	3	6	15		-33
VEGE:	4	4	0	4	4	0	37	7	1	4	15		-52
FRUI:	4	6	0	4	4	0	9	4	5	8	15		-27
TOBA:	13	2	0	4	4	0	39	0	1	4	15		-49
UR-H.1 TOTAL	2	22	0	4	4	0	36	0	8	11	20		-45
FODD:	2	22	0	4	4	0	36	0	8	11	20		-45
UR-H.2 TOTAL	6	3	0	4	4	0	9	0	4	13	15		-30
COIT:	6	3	0	4	4	0	9	0	4	13	15		-30
FALLOW:	98											2	(KG/HA)
GR TOTAL	1768	12446	600	7748	11004	0	37583	6802	8006	20925	99430	35	-140913
GR-L.1 TOTAL	1473	7	0	4	7	0	20	4	4	12	60		-82
WHEA:	1	0	0	4	2	0	22	1	3	10	60		-90
MAIZ:	930	8	0	4	2	0	22	5	5	12	60		-90
SORG:	84	8	0	4	2	0	17	5	5	12	60		-85
PULS:	265	4	0	4	13	0	12	2	5	12	60		-70
GROU:	193	4	0	4	26	0	26	4	3	10	60		-69
GR-L.2 TOTAL	150	5	4	4	2	0	22	5	5	12	40		-69
POTA:	71	3	4	4	2	0	15	2	5	13	40		-62
CASS:	33	6	4	4	2	0	29	14	1	9	40		-77
VEGE:	23	7	4	4	2	0	44	5	3	10	40		-85
FRUI:	21	11	4	4	2	0	10	3	8	16	40		-56
OILC:	2	0	4	4	2	0	2	0	7	14	40		-53

Malawi

IR	TOTAL	41	4141	0	215	542	410	1771	194	1263	1624	0	0	456
IR-H.1	TOTAL	41	101	0	5	13	10	43	5	31	40	0		10

	RICE:	23	13	0	5	22	10	20	3	8	16	0		3
	CANE:	14	271	0	5	2	10	73	7	78	86	0		44
	VEGE:	4	10	0	5	2	10	74	5	0	9	0		-61

Malawi

Table 116 The P205-balance per crop and Land Use System for Malawi, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2518	11032	758	4064	0	361	24986	5092	0	0	45052	292	-58624 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	377	647	458	444	0	0	2407	1054	0	0	2002	196	-3718 (TON/LWC)
UR-L.1 TOTAL	248	2	2	2	0	0	8	4	0	0	7		-13 (KG/HA)
MAIZ:	122	2	2	2	0	0	9	4	0	0	8		-15 (KG/HA)
SORG:	28	2	4	2	0	0	13	10	0	0	8		-23 (KG/HA)
PULS:	45	4	0	2	0	0	5	1	0	0	8		-8 (KG/HA)
GROU:	53	2	1	2	0	0	7	3	0	0	8		-13 (KG/HA)
UR-L.2 TOTAL	23	1	0	2	0	0	10	2	0	0	4		-13
POTA:	2	1	0	2	0	0	11	3	0	0	4		-15
VEGE:	4	1	0	2	0	0	9	7	0	0	4		-17
FRUI:	4	2	0	2	0	0	2	1	0	0	4		-3
TOBA:	13	2	0	2	0	0	13	0	0	0	4		-13
UR-H.1 TOTAL	2	17	0	2	0	0	16	0	0	0	6		-3
FODD:	2	17	0	2	0	0	16	0	0	0	6		-3
UR-H.2 TOTAL	6	1	0	2	0	0	11	0	0	0	4		-12
COTT:	6	1	0	2	0	0	11	0	0	0	4		-12
FALLOW:	98											2	(KG/HA)
GR TOTAL	1768	6513	300	2933	0	0	18962	3435	0	0	37286	35	-49902
GR-L.1 TOTAL	1473	4	0	2	0	0	11	2	0	0	22		-29
WHEA:	1	0	0	2	0	0	10	1	0	0	23		-32
MAIZ:	930	3	0	2	0	0	12	2	0	0	23		-32
SORG:	84	4	0	2	0	0	15	5	0	0	23		-37
PULS:	265	7	0	2	0	0	5	0	0	0	23		-19
GROU:	193	4	0	2	0	0	10	2	0	0	23		-29
GR-L.2 TOTAL	150	2	2	2	0	0	9	3	0	0	15		-21
POTA:	71	1	2	2	0	0	11	2	0	0	15		-23
CASS:	33	3	2	2	0	0	7	7	0	0	15		-22
VEGE:	23	2	2	2	0	0	10	5	0	0	15		-24
FRUI:	21	3	2	2	0	0	2	1	0	0	15		-11
OILC:	2	0	2	2	0	0	1	0	0	0	15		-12

Malawi

IR	TOTAL	41	1689	0	81	0	123	1226	288	0	0	0	0	379
IR-H.1	TOTAL	41	41	0	2	0	3	30	7	0	0	0		9

	RICE:	23	3	0	2	0	3	13	1	0	0	0		-6
	CANE:	14	114	0	2	0	3	61	17	0	0	0		41
	VEGE:	4	3	0	2	0	3	17	5	0	0	0		-14

Malawi

Table 117 The K20-balance per crop and Land Use System for Malawi, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2518	5335	2877	8435	0	584	28661	20939	8916	0	91105	146	-132244 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	377	161	1902	921	0	0	2477	4375	1203	0	5006	98	-9979 (TON/LWC)
UR-L.1 TOTAL	248	0	8	3	0	0	6	17	5	0	19		-36 (KG/HA)
MAIZ:	122	0	10	3	0	0	6	21	5	0	19		-38 (KG/HA)
SORG:	28	0	13	3	0	0	5	30	6	0	19		-44 (KG/HA)
PULS:	45	0	3	3	0	0	8	7	3	0	19		-31 (KG/HA)
GROU:	53	1	4	3	0	0	5	9	4	0	19		-29 (KG/HA)
UR-L.2 TOTAL	23	2	0	3	0	0	41	6	0	0	11		-53
POTA:	2	1	0	3	0	0	29	9	0	0	11		-45
VEGE:	4	1	0	3	0	0	13	19	0	0	11		-39
FRUI:	4	3	0	3	0	0	10	13	1	0	11		-29
TOBA:	13	2	0	3	0	0	61	0	0	0	11		-67
UR-H.1 TOTAL	2	0	0	3	0	0	30	0	0	0	15		-42
FODD:	2	0	0	3	0	0	30	0	0	0	15		-42
UR-H.2 TOTAL	6	1	0	3	0	0	5	0	10	0	11		-22
COTT:	6	1	0	3	0	0	5	0	10	0	11		-22
FALLOW:	98											1	(KG/HA)
GR TOTAL	1768	1859	975	6087	0	0	20461	14349	4908	0	74572	18	-105351
GR-L.1 TOTAL	1473	1	0	3	0	0	7	9	2	0	45		-59
WHEA:	1	0	0	3	0	0	7	10	2	0	45		-61
MAIZ:	930	0	0	3	0	0	7	11	1	0	45		-61
SORG:	84	1	0	3	0	0	5	14	1	0	45		-61
PULS:	265	0	0	3	0	0	8	3	4	0	45		-57
GROU:	193	2	0	3	0	0	7	5	4	0	45		-56
GR-L.2 TOTAL	150	2	6	3	0	0	25	7	5	0	30		-56
POTA:	71	1	7	3	0	0	29	6	5	0	30		-59
CASS:	33	3	7	3	0	0	35	4	6	0	30		-62
VEGE:	23	2	7	3	0	0	15	14	4	0	30		-51
FRUI:	21	5	7	3	0	0	12	9	8	0	30		-44
OILC:	2	0	7	3	0	0	3	1	8	0	30		-32

Malawi

IR	TOTAL	41	:	1114	0	169	0	205	:	2647	464	381	0	0	:	0	:	-2004
IR-H.1	TOTAL	41	:	27	0	4	0	5	:	65	11	9	0	0	:		:	-49
	RICE:	23	:	0	0	4	0	5	:	7	12	1	0	0	:		:	-11
	CANE:	14	:	79	0	4	0	5	:	170	10	25	0	0	:		:	-117
	VEGE:	4	:	3	0	4	0	5	:	25	15	0	0	0	:		:	-28

Malawi

Table 118 The N-balance per crop and Land Use System for Malawi, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2980	56835	2606	12571	24168	970	82845	17004	20990	40506	135788	392	-199591 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	630	4656	1866	2037	5271	0	12664	5150	2361	3931	11160	290	-21146 (TON/LWC)
UR-L.1 TOTAL	387	9	5	4	13	0	22	11	5	8	25		-40 (KG/HA)
MAIZ:	182	12	5	4	4	0	22	12	6	9	25		-49 (KG/HA)
SORG:	51	10	5	4	4	0	17	12	6	9	25		-46 (KG/HA)
PULS:	61	7	4	4	22	0	20	8	5	8	25		-29 (KG/HA)
GROU:	93	4	5	4	28	0	26	10	4	6	25		-30 (KG/HA)
UR-L.2 TOTAL	74	8	0	4	4	0	49	14	1	4	15		-67
POTA:	3	3	0	4	4	0	21	5	3	5	15		-38
CASS:	21	13	0	4	4	0	53	43	0	3	15		-93
VEGE:	7	6	0	4	4	0	43	8	1	4	15		-57
FRUI:	6	9	0	4	4	0	9	4	6	9	15		-26
TOBA:	37	5	0	4	4	0	56	0	1	3	15		-62
UR-H.1 TOTAL	3	35	0	4	4	0	39	0	11	14	20		-41
FODD:	3	35	0	4	4	0	39	0	11	14	20		-41
UR-H.2 TOTAL	21	23	0	4	4	0	21	0	8	24	15		-37
COTT:	21	23	0	4	4	0	21	0	8	24	15		-37
FALLOW:	145											2	(KG/HA)
GR TOTAL	1832	31325	740	8110	14451	0	57955	10510	10895	24578	103748	0	-153060
GR-L.1 TOTAL	1525	17	0	4	9	0	31	6	6	13	60		-86
WHEA:	2	0	0	4	2	0	42	2	1	8	60		-107
MAIZ:	981	20	0	4	2	0	34	7	6	13	60		-94
SORG:	92	17	0	4	2	0	23	6	6	14	60		-86
PULS:	242	11	0	4	20	0	20	3	6	13	60		-67
GROU:	208	7	0	4	33	0	33	5	3	10	60		-67
GR-L.2 TOTAL	185	11	4	4	2	0	26	6	6	13	40		-70
POTA:	95	6	4	4	2	0	21	3	6	13	40		-67
CASS:	35	21	4	4	2	0	30	15	5	13	40		-72
VEGE:	27	11	4	4	2	0	51	5	3	10	40		-88
FRUI:	26	16	4	4	2	0	12	3	9	17	40		-55
OILC:	2	0	4	4	2	0	1	0	7	14	40		-52

Malawi

IR	TOTAL	48	6153	0	251	436	480	2737	301	1775	2189	0	0	318
IR-H.1	TOTAL	48	128	0	5	9	10	57	6	37	46	0		6
	WHEA:	1	0	0	5	2	10	40	2	2	11	0		-38
	RICE:	17	133	0	5	22	10	50	8	38	47	0		27
	CANE:	24	158	0	5	2	10	53	5	47	56	0		14
	VEGE:	6	16	0	5	2	10	98	7	0	7	0		-79

Malawi

Table 119 The P205-balance per crop and Land Use System for Malawi, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2980	25780	1333	4759	0	367	41550	8930	0	0	50084	392	-67933 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	630	2508	963	771	0	0	6043	2679	0	0	3348	290	-7538 (TON/LWC)
UR-L.1 TOTAL	387	5	2	2	0	0	11	6	0	0	7		-15 (KG/HA)
MAIZ:	182	4	3	2	0	0	12	6	0	0	8		-17 (KG/HA)
SORG:	51	5	5	2	0	0	15	12	0	0	8		-23 (KG/HA)
PULS:	61	10	1	2	0	0	8	2	0	0	8		-5 (KG/HA)
GROU:	93	4	2	2	0	0	10	4	0	0	8		-14 (KG/HA)
UR-L.2 TOTAL	74	5	0	2	0	0	15	7	0	0	4		-19
POTA:	3	2	0	2	0	0	14	4	0	0	4		-18
CASS:	21	6	0	2	0	0	14	22	0	0	4		-32
VEGE:	7	3	0	2	0	0	10	8	0	0	4		-17
FRUI:	6	3	0	2	0	0	2	1	0	0	4		-2
TOBA:	37	5	0	2	0	0	19	0	0	0	4		-16
UR-H.1 TOTAL	3	25	0	2	0	0	17	0	0	0	6		4
FOOD:	3	25	0	2	0	0	17	0	0	0	6		4
UR-H.2 TOTAL	21	7	0	2	0	0	24	0	0	0	4		-19
COTT:	21	7	0	2	0	0	24	0	0	0	4		-19
FALLOW:	145											2	(KG/HA)
GR TOTAL	1832	15935	370	3070	0	0	29657	5297	0	0	38906	0	-54485
GR-L.1 TOTAL	1525	8	0	2	0	0	16	3	0	0	23		-32
WHEA:	2	0	0	2	0	0	19	2	0	0	23		-42
MAIZ:	981	7	0	2	0	0	19	3	0	0	23		-36
SORG:	92	8	0	2	0	0	20	6	0	0	23		-39
PULS:	242	17	0	2	0	0	8	1	0	0	23		-13
GROU:	208	6	0	2	0	0	12	2	0	0	23		-29
GR-L.2 TOTAL	185	5	2	2	0	0	11	4	0	0	15		-21
POTA:	95	3	2	2	0	0	14	2	0	0	15		-24
CASS:	35	10	2	2	0	0	8	8	0	0	15		-17
VEGE:	27	5	2	2	0	0	12	5	0	0	15		-23
FRUI:	26	5	2	2	0	0	3	1	0	0	15		-10
OILC:	2	0	2	2	0	0	1	0	0	0	15		-12

Malawi

IR	TOTAL	48	2151	0	95	0	144	1776	390	0	0	0	0	224
IR-H.1	TOTAL	48	45	0	2	0	3	37	8	0	0	0		5

	WHEA:	1	0	0	2	0	3	18	1	0	0	0		-14
	RICE:	17	30	0	2	0	3	34	3	0	0	0		-2
	CANE:	24	67	0	2	0	3	44	12	0	0	0		16
	VEGE:	6	7	0	2	0	3	23	7	0	0	0		-18

Malawi

Table 120 The K20-balance per crop and Land Use System for Malawi, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2980	10692	5141	9877	0	831	48436	35828	9830	0	0101841	196	-169198 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	630	813	3939	1600	0	0	8294	9274	2362	0	8370	145	-21803 (TON/LWC)
UR-L.1 TOTAL	387	1	10	3	0	0	8	23	5	0	19		-41 (KG/HA)
MAIZ:	182	1	12	3	0	0	7	28	6	0	19		-44 (KG/HA)
SORG:	51	1	16	3	0	0	5	36	6	0	19		-46 (KG/HA)
PULS:	61	0	5	3	0	0	13	12	3	0	19		-39 (KG/HA)
GROU:	93	2	6	3	0	0	7	13	5	0	19		-33 (KG/HA)
UR-L.2 TOTAL	74	5	0	3	0	0	66	7	0	0	11		-76
POTA:	3	1	0	3	0	0	39	13	0	0	11		-59
CASS:	21	8	0	3	0	0	65	11	0	0	11		-76
VEGE:	7	3	0	3	0	0	15	23	0	0	11		-43
FRUI:	6	5	0	3	0	0	11	14	2	0	11		-30
TOBA:	37	5	0	3	0	0	87	0	0	0	11		-90
UR-H.1 TOTAL	3	0	0	3	0	0	32	0	0	0	15		-44
FODD:	3	0	0	3	0	0	32	0	0	0	15		-44
UR-H.2 TOTAL	21	3	0	3	0	0	12	0	17	0	11		-34
COTT:	21	3	0	3	0	0	12	0	17	0	11		-34
FALLOW:	145											1	(KG/HA)
GR TOTAL	1832	4642	1202	6372	0	0	31195	22727	3814	0	77811	0	-123331
GR-L.1 TOTAL	1525	1	0	3	0	0	11	14	1	0	45		-67
WHEA:	2	0	0	3	0	0	13	18	0	0	45		-73
MAIZ:	981	1	0	3	0	0	11	17	0	0	45		-69
SORG:	92	1	0	3	0	0	7	19	0	0	45		-67
PULS:	242	0	0	3	0	0	13	5	3	0	45		-63
GROU:	208	3	0	3	0	0	9	7	4	0	45		-59
GR-L.2 TOTAL	185	5	6	3	0	0	32	8	6	0	30		-62
POTA:	95	2	7	3	0	0	39	8	3	0	30		-68
CASS:	35	13	7	3	0	0	37	4	10	0	30		-58
VEGE:	27	5	7	3	0	0	18	16	4	0	30		-53
FRUI:	26	9	7	3	0	0	14	11	8	0	30		-44
OILC:	2	0	7	3	0	0	3	1	8	0	30		-32

Malawi

IR	TOTAL	48	1359	0	198	0	240	3458	799	358	0	0	0	-2818
IR-H.1	TOTAL	48	28	0	4	0	5	72	17	7	0	0		-59
	WHEA:	1	0	0	4	0	5	13	12	1	0	0		-17
	RICE:	17	13	0	4	0	5	18	29	0	0	0		-25
	CANE:	24	46	0	4	0	5	123	7	15	0	0		-90
	VEGE:	6	7	0	4	0	5	34	20	0	0	0		-38

Mali

Table 121 The N-balance per crop and Land Use System for Mali, 1983

	AREA 000 HA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
TOTAL	8015	8603	9819	7492	14321	2544	30954	19871	9533	23694	31942	11507	-61708 (TON/CTY)
LR TOTAL	4648	1265	4656	2367	3541	0	11700	10315	2501	7039	9656	7343	-22039 (TON/LWC)
LR-L.1 TOTAL	950	1	5	2	4	0	12	11	3	7	10		-31 (KG/HA)
MAIZ:	20	1	1	2	3	0	5	3	3	8	10		-22 (KG/HA)
MILL:	885	1	5	2	3	0	12	11	3	7	10		-32 (KG/HA)
GROU:	45	1	3	2	17	0	15	6	2	7	10		-17 (KG/HA)
LR-L.2 TOTAL	26	1	4	2	3	0	28	8	1	6	6		-39
VEGE:	23	1	4	2	3	0	32	8	0	5	6		-41
FRUI:	3	0	4	2	3	0	3	2	4	9	6		-15
FALLOW:	3672											2	(KG/HA)
UR TOTAL	2025	3385	3836	3062	4634	0	10364	6232	4176	8161	11480	2592	-22904
UR-L.1 TOTAL	370	4	7	4	9	0	20	16	5	9	20		-46
MAIZ:	58	2	4	4	4	0	15	8	5	9	20		-43
MILL:	225	4	9	4	4	0	21	20	5	9	20		-54
PULS:	15	9	3	4	20	0	18	7	6	11	20		-26
GROU:	72	2	4	4	24	0	22	9	4	8	20		-29
UR-L.2 TOTAL	310	2	4	4	4	0	6	1	6	11	10		-20
SPOT:	5	0	4	4	4	0	49	11	0	4	10		-62
CASS:	7	12	4	4	4	0	37	30	1	5	10		-59
VEGE:	20	2	4	4	4	0	51	9	0	5	10		-61
FRUI:	2	0	4	4	4	0	7	3	5	10	10		-23
OILC:	276	2	4	4	4	0	1	0	7	12	10		-16
UR-H.1 TOTAL	49	28	0	4	4	0	22	0	10	29	20		-45
COTT:	49	28	0	4	4	0	22	0	10	29	20		-45
FALLOW:	1296											2	
GR TOTAL	302	2096	608	717	1280	0	2666	977	1322	2766	2310	320	-5020
GR-L.1 TOTAL	64	8	7	5	14	0	22	15	7	13	20		-43
MAIZ:	12	4	4	5	5	0	17	9	6	13	20		-47
MILL:	29	7	9	5	5	0	21	20	7	13	20		-55
PULS:	16	14	5	5	29	0	26	10	9	15	20		-27
GROU:	7	3	5	5	32	0	30	12	5	11	20		-33

Mali

Table 122 The P205-balance per crop and Land Use System for Mali, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	8015	3202	4088	2835	0	778	19948	8370	0	0	11978	11507	-17886 (TON/CTY)
LR TOTAL	4648	433	1870	896	0	0	7749	4235	0	0	3621	7343	-5063 (TON/LWC)
LR-L.1 TOTAL	950	0	2	1	0	0	8	4	0	0	4		-13 (KG/HA)
MAIZ:	20	0	1	1	0	0	3	1	0	0	4		-6 (KG/HA)
MILL:	885	0	2	1	0	0	8	4	0	0	4		-13 (KG/HA)
GROU:	45	0	1	1	0	0	5	2	0	0	4		-9 (KG/HA)
LR-L.2 TOTAL	26	0	2	1	0	0	7	8	0	0	2		-14
VEGE:	23	0	2	1	0	0	7	8	0	0	2		-14
FRUI:	3	0	2	1	0	0	1	1	0	0	2		-1
FALLOW:	3672											2	(KG/HA)
UR TOTAL	2025	1064	1671	1159	0	0	6377	2754	0	0	4305	2592	-6950
UR-L.1 TOTAL	370	2	3	2	0	0	12	6	0	0	7		-18
MAIZ:	58	0	2	2	0	0	8	4	0	0	8		-16
MILL:	225	1	4	2	0	0	15	8	0	0	8		-24
PULS:	15	10	1	2	0	0	7	2	0	0	8		-4
GROU:	72	1	2	2	0	0	8	4	0	0	8		-15
UR-L.2 TOTAL	310	1	2	2	0	0	2	1	0	0	4		-2
SPOT:	5	0	2	2	0	0	18	14	0	0	4		-32
CASS:	7	0	2	2	0	0	10	15	0	0	4		-25
VEGE:	20	0	2	2	0	0	12	9	0	0	4		-21
FRUI:	2	0	2	2	0	0	2	1	0	0	4		-3
OILC:	276	1	2	2	0	0	0	0	0	0	4		1
UR-H.1 TOTAL	49	7	0	2	0	0	27	0	0	0	7		-25
COTT:	49	7	0	2	0	0	27	0	0	0	8		-26
FALLOW:	1296											2	
GR TOTAL	302	748	253	271	0	0	1990	394	0	0	866	320	-1658
GR-L.1 TOTAL	64	5	3	2	0	0	12	6	0	0	7		-15
MAIZ:	12	0	2	2	0	0	9	4	0	0	8		-17
MILL:	29	2	4	2	0	0	15	8	0	0	8		-23
PULS:	16	17	1	2	0	0	10	2	0	0	8		0
GROU:	7	2	2	2	0	0	11	5	0	0	8		-18

Mali

Table 123 The K2O-balance per crop and Land Use System for Mali, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	8015	2703	27005	5887	0	2398	12450	58700	15363	0	23956	5754	-66722 (TON/CTY)
LR TOTAL	4648	380	14191	1860	0	0	3924	31750	4739	0	7242	3672	-27552 (TON/LNC)
LR-L.1 TOTAL	950	0	15	2	0	0	4	33	5	0	7		-32 (KG/HA)
MAIZ:	20	0	3	2	0	0	2	6	3	0	8		-14 (KG/HA)
MILL:	885	0	16	2	0	0	4	35	5	0	8		-34 (KG/HA)
GROU:	45	0	3	2	0	0	4	7	3	0	8		-17 (KG/HA)
LR-L.2 TOTAL	26	1	6	2	0	0	10	23	2	0	4		-30
VEGE:	23	1	7	2	0	0	11	25	1	0	4		-31
FRUI:	3	0	7	2	0	0	4	8	4	0	4		-11
FALLOW:	3672											1	(KG/HA)
UR TOTAL	2025	1141	9380	2406	0	0	4715	17346	6933	0	8610	1296	-23381
UR-L.1 TOTAL	370	1	20	3	0	0	7	44	9	0	15		-51
MAIZ:	58	0	9	3	0	0	5	19	6	0	15		-33
MILL:	225	1	29	3	0	0	7	64	11	0	15		-64
PULS:	15	0	5	3	0	0	12	11	5	0	15		-35
GROU:	72	1	5	3	0	0	6	11	6	0	15		-29
UR-L.2 TOTAL	310	1	6	3	0	0	5	3	8	0	7		-13
SPOT:	5	15	7	3	0	0	90	20	3	0	8		-96
CASS:	7	12	7	3	0	0	45	8	8	0	8		-47
VEGE:	20	2	7	3	0	0	18	27	2	0	8		-43
FRUI:	2	0	7	3	0	0	8	10	6	0	8		-22
OILC:	276	1	7	3	0	0	2	1	9	0	8		-9
UR-H.1 TOTAL	49	7	0	3	0	0	13	0	23	0	15		-41
COTT:	49	7	0	3	0	0	13	0	23	0	15		-41
FALLOW:	1296											1	
GR TOTAL	302	547	1393	563	0	0	1504	2533	2119	0	1732	160	-5225
GR-L.1 TOTAL	64	1	17	4	0	0	9	38	10	0	15		-50
MAIZ:	12	0	10	4	0	0	6	21	9	0	15		-37
MILL:	29	2	29	4	0	0	7	64	13	0	15		-64
PULS:	16	0	7	4	0	0	17	15	7	0	15		-43
GROU:	7	2	7	4	0	0	8	15	9	0	15		-34

Mali

Table 124 The N-balance per crop and Land Use System for Mali, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	8547	20322	14521	9993	22846	4202	53051	31569	13702	33390	42958	11242	-91544 (TON/CTY)
LR TOTAL	4604	1985	5337	2679	4956	0	14332	11903	2894	8016	10922	6998	-26112 (TON/LWC)
LR-L.1 TOTAL	1073	2	5	2	5	0	12	11	3	7	10		-29 (KG/HA)
MAIZ:	11	1	1	2	3	0	3	2	3	8	10		-19 (KG/HA)
MILL:	980	2	5	2	3	0	12	11	3	7	10		-31 (KG/HA)
PULS:	16	9	4	2	21	0	20	8	4	9	10		-15 (KG/HA)
GROU:	66	1	4	2	23	0	22	9	2	6	10		-19 (KG/HA)
LR-L.2 TOTAL	32	2	4	2	3	0	38	10	0	4	6		-47
VEGE:	29	2	4	2	3	0	41	11	0	4	6		-51
FRUI:	3	0	4	2	3	0	4	3	4	8	6		-16
FALLOW:	3499											2	(KG/HA)
UR TOTAL	2323	6213	6854	4196	7242	0	19188	12999	5616	10959	16840	2649	-38448
UR-L.1 TOTAL	605	5	9	4	9	0	26	21	4	9	20		-53
MAIZ:	58	3	4	4	4	0	15	8	5	9	20		-42
MILL:	441	5	11	4	4	0	25	24	5	9	20		-59
PULS:	1	28	5	4	30	0	28	11	11	16	20		-19
GROU:	105	4	6	4	35	0	33	13	3	8	20		-28
UR-L.2 TOTAL	314	3	4	4	4	0	8	2	6	11	10		-22
SPOT:	4	10	4	4	4	0	58	13	1	6	10		-66
CASS:	4	30	4	4	4	0	58	47	0	5	10		-78
VEGE:	26	5	4	4	4	0	67	12	0	4	10		-76
FRUI:	1	0	4	4	4	0	2	1	6	11	10		-18
OILC:	279	2	4	4	4	0	1	0	7	12	10		-16
UR-H.1 TOTAL	80	31	0	4	4	0	17	0	12	27	20		-37
COTT:	80	31	0	4	4	0	17	0	12	27	20		-37
FALLOW:	1324											2	
GR TOTAL	431	3689	1167	1065	1788	0	5442	2299	1923	4099	3580	439	-9195
GR-L.1 TOTAL	112	9	8	5	12	0	28	19	7	13	20		-53
MAIZ:	51	5	5	5	5	0	20	11	6	12	20		-49
MILL:	42	9	13	5	5	0	31	30	6	13	20		-68
PULS:	8	48	8	5	45	0	44	17	17	23	20		-15
GROU:	11	7	7	5	42	0	41	16	5	11	20		-32

Mauritania

Table 130 The N-balance per crop and Land Use System for Mauritania, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1013	2082	960	701	1927	70	3288	2100	1299	3140	9236	1478	-11845 (TON/CTY)
LR TOTAL	660	205	347	261	761	0	1070	732	356	1016	1296	1056	-1840 (TON/LWC)
LR-L.1 TOTAL	126	2	3	2	6	0	8	6	3	8	10		-22 (KG/HA)
MILL:	76	1	3	2	3	0	8	7	3	8	10		-27 (KG/HA)
PULS:	50	3	1	2	10	0	8	3	3	8	10		-16 (KG/HA)
LR-L.2 TOTAL	6	0	4	2	3	0	14	3	2	7	6		-23
VEGE:	6	0	4	2	3	0	14	3	2	7	6		-23
FALLOW:	528											2	(KG/HA)
UR TOTAL	346	690	613	423	1052	0	1917	1323	616	1709	7940	422	-10305
UR-L.1 TOTAL	127	5	5	3	8	0	14	10	4	12	60		-79
MAIZ:	18	11	4	3	4	0	18	10	6	14	60		-86
MILL:	70	3	6	3	4	0	13	13	4	12	60		-86
PULS:	23	8	2	3	17	0	14	5	5	13	60		-67
GROU:	16	0	3	3	18	0	15	6	3	11	60		-71
UR-L.2 TOTAL	7	0	4	3	4	0	10	3	4	12	40		-58
SPOT:	5	0	4	3	4	0	7	2	5	13	40		-56
VEGE:	2	0	4	3	4	0	17	5	3	11	40		-65
UR-H.1 TOTAL	1	100	0	3	4	0	13	3	32	40	40		-21
FRUI:	1	100	0	3	4	0	13	3	32	40	40		-21
FALLOW:	211											2	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	7	1187	0	17	114	70	301	45	327	415	0	0	300
IR-H.1 TOTAL	7	170	0	2	16	10	43	6	47	59	0		43
WHEA:	1	0	0	2	2	10	20	1	1	14	0		-22
RICE:	5	188	0	2	22	10	49	8	51	64	0		50
FRUI:	1	250	0	2	2	10	37	7	71	84	0		65

Mauritania

Table 131 The P205-balance per crop and Land Use System for Mauritania, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1013	303	373	265	0	21	1870	830	0	0	3463	1478	-3723 (TON/CTY)
LR TOTAL	660	68	128	99	0	0	593	273	0	0	486	1056	-1 (TON/LWC)
LR-L.1 TOTAL	126	1	1	1	0	0	5	2	0	0	4		-8 (KG/HA)
MILL:	76	0	1	1	0	0	5	3	0	0	4		-10 (KG/HA)
PULS:	50	1	0	1	0	0	3	1	0	0	4		-6 (KG/HA)
LR-L.2 TOTAL	6	0	2	1	0	0	3	3	0	0	2		-5
VEGE:	6	0	2	1	0	0	3	3	0	0	2		-5
FALLOW:	528											2	(KG/HA)
UR TOTAL	346	131	245	160	0	0	1095	539	0	0	2977	422	-3653
UR-L.1 TOTAL	127	1	2	1	0	0	8	4	0	0	22		-30
MAIZ:	18	0	2	1	0	0	10	5	0	0	23		-35
MILL:	70	1	2	1	0	0	10	5	0	0	23		-34
PULS:	23	3	1	1	0	0	5	1	0	0	23		-24
GROU:	16	0	1	1	0	0	5	2	0	0	23		-28
UR-L.2 TOTAL	7	0	2	1	0	0	3	3	0	0	15		-18
SPOT:	5	0	2	1	0	0	3	3	0	0	15		-18
VEGE:	2	0	2	1	0	0	4	5	0	0	15		-21
UR-H.1 TOTAL	1	0	0	1	0	0	3	1	0	0	15		-18
FRUI:	1	0	0	1	0	0	3	1	0	0	15		-18
FALLOW:	211											2	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	7	104	0	6	0	21	182	18	0	0	0	0	-69
IR-H.1 TOTAL	7	15	0	1	0	3	26	3	0	0	0		-10
WHEA:	1	0	0	1	0	3	9	1	0	0	0		-6
RICE:	5	21	0	1	0	3	33	3	0	0	0		-11
FRUI:	1	0	0	1	0	3	9	2	0	0	0		-7

Mauritania

Table 132 The K20-balance per crop and Land Use System for Mauritania, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1013	0	2584	550	0	35	1432	5828	1178	0	6927	739	-11457 (TON/CTY)
LR TOTAL	660	0	936	205	0	0	493	2038	358	0	972	528	-2192 (TON/LWC)
LR-L.1 TOTAL	126	0	7	2	0	0	4	16	3	0	7		-21 (KG/HA)
MILL:	76	0	10	2	0	0	3	23	3	0	8		-25 (KG/HA)
PULS:	50	0	2	2	0	0	5	5	2	0	8		-16 (KG/HA)
LR-L.2 TOTAL	6	0	6	2	0	0	5	8	3	0	4		-12
VEGE:	6	0	7	2	0	0	5	8	3	0	4		-11
FALLOW:	528											1	(KG/HA)
UR TOTAL	346	0	1648	332	0	0	802	3619	820	0	5955	211	-9005
UR-L.1 TOTAL	127	0	13	2	0	0	6	28	6	0	45		-70
MAIZ:	18	0	11	2	0	0	6	23	6	0	45		-67
MILL:	70	0	18	2	0	0	5	40	7	0	45		-77
PULS:	23	0	4	2	0	0	9	8	4	0	45		-60
GROU:	16	0	3	2	0	0	4	7	4	0	45		-55
UR-L.2 TOTAL	7	0	6	2	0	0	11	7	5	0	30		-45
SPOT:	5	0	7	2	0	0	13	4	5	0	30		-43
VEGE:	2	0	7	2	0	0	6	13	5	0	30		-45
UR-H.1 TOTAL	1	0	0	2	0	0	16	10	0	0	30		-54
FRUI:	1	0	0	2	0	0	16	10	0	0	30		-54
FALLOW:	211											1	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IR TOTAL	7	0	0	13	0	35	137	171	0	0	0	0	-260
IR-H.1 TOTAL	7	0	0	2	0	5	20	24	0	0	0		-37
WHEA:	1	0	0	2	0	5	6	6	0	0	0		-5
RICE:	5	0	0	2	0	5	17	29	0	0	0		-39
FRUI:	1	0	0	2	0	5	45	22	0	0	0		-60

Mozambique

GR	TOTAL	1712	2918	2889	3417	3041	0	11873	6124	4023	9311	18310	1951	-35425
GR-L.1	TOTAL	408	2	3	5	6	0	14	8	5	12	30		-53
	MAIZ:	232	1	3	5	2	0	12	6	5	12	30		-54
	MILL:	2	0	4	5	2	0	10	9	5	12	30		-55
	SORG:	84	5	5	5	2	0	16	11	6	13	30		-59
	PULS:	30	2	2	5	15	0	14	5	5	12	30		-42
	GROU:	58	2	4	5	22	0	22	9	5	11	30		-44
	SESA:	2	0	3	5	2	0	15	6	5	12	30		-58
GR-L.2	TOTAL	188	4	8	5	2	0	25	16	4	11	20		-57
	SPOT:	4	0	8	5	2	0	32	7	4	11	20		-59
	CASS:	111	3	8	5	2	0	28	22	2	9	20		-63
	OTHR:	1	0	8	5	2	0	23	5	5	12	20		-50
	VEGE:	25	2	8	5	2	0	36	6	4	11	20		-60
	FRUI:	16	15	8	5	2	0	17	8	10	17	20		-42
	SUNF:	17	7	8	5	2	0	17	8	7	14	20		-44
	TOBA:	1	0	8	5	2	0	62	0	2	9	20		-78
	FIBR:	13	0	8	5	2	0	1	0	8	15	20		-29
GR-H.1	TOTAL	49	17	0	5	2	0	14	1	9	16	10		-26
	POTA:	3	50	0	5	2	0	60	9	12	19	10		-53
	BANA:	15	0	0	5	2	0	6	2	5	12	10		-28
	CITR:	19	0	0	5	2	0	4	0	6	12	10		-25
	COFF:	1	0	0	5	2	0	24	1	3	10	10		-41
	TEAS:	11	63	0	5	2	0	28	0	22	29	10		-19
GR-H.2	TOTAL	19	12	0	5	2	0	11	2	8	15	20		-37
	CANE:	19	12	0	5	2	0	11	2	8	15	20		-37
GR-H.3	TOTAL	72	3	0	5	2	0	6	0	6	16	20		-38
	COTT:	72	3	0	5	2	0	6	0	6	16	20		-38
	FALLOW:	976											2	
PR	TOTAL	607	906	120	2402	2251	0	29350	6877	834	3220	17230	328	-51504
PR-L.1	TOTAL	71	2	2	5	6	0	9	4	7	16	50		-71
	RICE:	13	0	2	5	5	0	6	3	7	16	50		-70
	MAIZ:	32	1	2	5	5	0	10	4	7	16	50		-74
	SORG:	21	5	2	5	5	0	10	5	8	17	50		-73
	PULS:	5	2	1	5	12	0	8	2	7	17	50		-64
PR-L.2	TOTAL	120	3	0	5	5	0	26	9	2	11	30		-65
	CASS:	120	3	0	5	5	0	26	9	2	11	30		-65

Mozambique

GR	TOTAL	1712	2667	1602	1294	0	0	5538	3563	0	0	6866	1951	-8453
GR-L.1	TOTAL	408	2	2	2	0	0	8	5	0	0	11		-18
	MAIZ:	232	1	1	2	0	0	7	3	0	0	11		-17
	MILL:	2	0	2	2	0	0	7	4	0	0	11		-18
	SORG:	84	4	5	2	0	0	14	11	0	0	11		-25
	PULS:	30	7	1	2	0	0	5	1	0	0	11		-7
	GROU:	58	4	2	2	0	0	8	4	0	0	11		-15
	SESA:	2	0	2	2	0	0	7	5	0	0	11		-19
GR-L.2	TOTAL	188	5	4	2	0	0	7	8	0	0	7		-11
	SPOT:	4	0	4	2	0	0	12	9	0	0	8		-23
	CASS:	111	4	4	2	0	0	7	12	0	0	8		-17
	OTHR:	1	0	4	2	0	0	3	3	0	0	8		-8
	VEGE:	25	2	4	2	0	0	8	6	0	0	8		-14
	FRUI:	16	12	4	2	0	0	4	2	0	0	8		4
	SUNF:	17	7	4	2	0	0	6	3	0	0	8		-4
	TOBA:	1	50	4	2	0	0	21	0	0	0	8		27
	FIBR:	13	0	4	2	0	0	0	0	0	0	8		-2
GR-H.1	TOTAL	49	10	0	2	0	0	6	1	0	0	4		1
	POTA:	3	50	0	2	0	0	41	7	0	0	4		0
	BANA:	15	0	0	2	0	0	3	1	0	0	4		-6
	CITR:	19	0	0	2	0	0	1	0	0	0	4		-3
	COFF:	1	0	0	2	0	0	4	2	0	0	4		-8
	TEAS:	11	31	0	2	0	0	7	0	0	0	4		22
GR-H.2	TOTAL	19	10	0	2	0	0	9	4	0	0	7		-8
	CANE:	19	10	0	2	0	0	9	4	0	0	8		-9
GR-H.3	TOTAL	72	2	0	2	0	0	7	0	0	0	7		-10
	COTT:	72	2	0	2	0	0	7	0	0	0	8		-11
	FALLOW:	976											2	
PR	TOTAL	607	825	80	909	0	0	8170	3422	0	0	6461	328	-15911
PR-L.1	TOTAL	71	2	1	2	0	0	6	3	0	0	19		-23
	RICE:	13	0	1	2	0	0	4	2	0	0	19		-22
	MAIZ:	32	1	1	2	0	0	6	2	0	0	19		-23
	SORG:	21	4	2	2	0	0	9	5	0	0	19		-25
	PULS:	5	7	0	2	0	0	3	0	0	0	19		-13
PR-L.2	TOTAL	120	4	0	2	0	0	7	4	0	0	11		-16
	CASS:	120	4	0	2	0	0	7	4	0	0	11		-16

Mozambique

GR	TOTAL	1712	1638	5662	2685	0	0	8506	9534	6196	0	13732	976	-27007
GR-L.1	TOTAL	408	0	8	4	0	0	5	18	8	0	22		-41
	MAIZ:	232	0	7	4	0	0	4	15	7	0	23		-38
	MILL:	2	0	13	4	0	0	3	29	9	0	23		-47
	SORG:	84	1	15	4	0	0	5	33	9	0	23		-50
	PULS:	30	0	4	4	0	0	9	8	6	0	23		-38
	GROU:	58	2	5	4	0	0	6	11	8	0	23		-37
	SESA:	2	0	4	4	0	0	4	9	7	0	23		-35
GR-L.2	TOTAL	188	4	13	4	0	0	26	10	10	0	15		-40
	SPOT:	4	0	13	4	0	0	58	13	4	0	15		-73
	CASS:	111	4	13	4	0	0	34	6	10	0	15		-44
	OTHR:	1	0	13	4	0	0	18	9	9	0	15		-34
	VEGE:	25	2	13	4	0	0	12	19	9	0	15		-36
	FRUI:	16	12	13	4	0	0	20	25	12	0	15		-43
	SUNF:	17	7	13	4	0	0	5	17	12	0	15		-25
	TOBA:	1	50	13	4	0	0	96	0	28	0	15		-72
	FIBR:	13	0	13	4	0	0	1	1	12	0	15		-12
GR-H.1	TOTAL	49	10	0	4	0	0	20	9	7	0	7		-29
	POTA:	3	25	0	4	0	0	114	22	0	0	8		-115
	BANA:	15	0	0	4	0	0	26	21	0	0	8		-51
	CITR:	19	0	0	4	0	0	6	3	4	0	8		-17
	COFF:	1	0	0	4	0	0	14	2	4	0	8		-24
	TEAS:	11	38	0	4	0	0	13	0	24	0	8		-3
GR-H.2	TOTAL	19	5	0	4	0	0	25	2	5	0	15		-38
	CANE:	19	5	0	4	0	0	25	2	5	0	15		-38
GR-H.3	TOTAL	72	1	0	4	0	0	3	0	10	0	15		-23
	COTT:	72	1	0	4	0	0	3	0	10	0	15		-23
	FALLOW:	976											1	
PR	TOTAL	607	661	336	1887	0	0	9139	7304	1697	0	12922	164	-28014
PR-L.1	TOTAL	71	0	5	4	0	0	3	11	8	0	37		-50
	RICE:	13	0	6	4	0	0	2	13	8	0	38		-51
	MAIZ:	32	0	4	4	0	0	3	9	8	0	38		-50
	SORG:	21	1	6	4	0	0	3	14	9	0	38		-53
	PULS:	5	0	1	4	0	0	5	3	8	0	38		-49
PR-L.2	TOTAL	120	4	0	4	0	0	32	2	6	0	22		-54
	CASS:	120	4	0	4	0	0	32	2	6	0	23		-55

Mozambique

GR	TOTAL	2235	7980	4903	5293	4973	0	20956	10950	6922	14932	29170	2191	-57590
GR-L.1	TOTAL	695	3	4	5	6	0	15	8	5	12	30		-52
	MAIZ:	417	2	3	5	2	0	13	7	5	12	30		-55
	MILL:	4	0	7	5	2	0	17	17	4	11	30		-65
	SORG:	146	4	5	5	2	0	15	10	6	13	30		-58
	PULS:	42	4	3	5	18	0	18	7	5	12	30		-42
	GROU:	84	4	5	5	26	0	26	10	5	12	30		-43
	SESA:	2	0	3	5	2	0	18	7	4	11	30		-60
GR-L.2	TOTAL	294	6	8	5	2	0	28	17	4	11	20		-59
	SPOT:	5	0	8	5	2	0	34	7	4	11	20		-61
	CASS:	182	4	8	5	2	0	29	23	2	9	20		-64
	OTHR:	1	0	8	5	2	0	24	5	5	12	20		-51
	VEGE:	35	3	8	5	2	0	43	8	4	10	20		-67
	FRUI:	24	23	8	5	2	0	19	8	12	19	20		-40
	SUNF:	31	14	8	5	2	0	24	12	8	15	20		-50
	TOBA:	2	0	8	5	2	0	62	0	2	9	20		-78
	FIBR:	14	0	8	5	2	0	1	0	8	15	20		-29
GR-H.1	TOTAL	58	33	0	5	2	0	17	2	14	21	10		-24
	POTA:	4	50	0	5	2	0	73	11	10	17	10		-64
	BANA:	18	6	0	5	2	0	7	3	6	13	10		-26
	CITR:	22	0	0	5	2	0	5	0	6	12	10		-26
	COFF:	1	150	0	5	2	0	35	1	47	54	10		10
	TEAS:	13	114	0	5	2	0	35	0	37	44	10		-5
GR-H.2	TOTAL	34	67	0	5	2	0	18	3	24	30	20		-21
	CANE:	34	67	0	5	2	0	18	3	24	30	20		-21
GR-H.3	TOTAL	59	2	0	5	2	0	6	0	6	16	20		-39
	COTT:	59	2	0	5	2	0	6	0	6	16	20		-39
	FALLOW:	1095											2	
PR	TOTAL	749	3245	213	3248	3072	0	57186	13265	1521	5401	23150	300	-90445
PR-L.1	TOTAL	115	3	2	5	6	0	10	4	7	17	50		-72
	RICE:	14	4	2	5	5	0	8	5	8	17	50		-72
	MAIZ:	47	2	2	5	5	0	12	4	7	16	50		-75
	SORG:	47	4	2	5	5	0	9	4	8	17	50		-72
	PULS:	7	4	1	5	16	0	12	3	7	17	50		-63
PR-L.2	TOTAL	196	4	0	5	5	0	25	8	2	12	30		-63
	CASS:	196	4	0	5	5	0	25	8	2	12	30		-63

Mozambique

GR	TOTAL	2235	7349	2688	2004	0	0	9647	6296	0	0	10939	2191	-12650
GR-L.1	TOTAL	695	3	2	2	0	0	9	5	0	0	11		-18
	MAIZ:	417	1	2	2	0	0	8	3	0	0	11		-17
	MILL:	4	0	3	2	0	0	12	7	0	0	11		-25
	SORG:	146	4	4	2	0	0	13	10	0	0	11		-24
	PULS:	42	13	1	2	0	0	7	2	0	0	11		-4
	GROU:	84	7	2	2	0	0	10	4	0	0	11		-14
	SESA:	2	0	3	2	0	0	8	6	0	0	11		-20
GR-L.2	TOTAL	294	6	4	2	0	0	7	9	0	0	7		-11
	SPOT:	5	0	4	2	0	0	13	9	0	0	8		-24
	CASS:	182	4	4	2	0	0	7	12	0	0	8		-17
	OTHR:	1	0	4	2	0	0	4	3	0	0	8		-9
	VEGE:	35	3	4	2	0	0	10	8	0	0	8		-17
	FRUI:	24	14	4	2	0	0	5	2	0	0	8		5
	SUNF:	31	18	4	2	0	0	8	4	0	0	8		4
	TOBA:	2	33	4	2	0	0	21	0	0	0	8		10
	FIBR:	14	0	4	2	0	0	0	0	0	0	8		-2
GR-H.1	TOTAL	58	21	0	2	0	0	7	1	0	0	4		11
	POTA:	4	67	0	2	0	0	50	8	0	0	4		7
	BANA:	18	6	0	2	0	0	4	1	0	0	4		-1
	CITR:	22	0	0	2	0	0	1	0	0	0	4		-3
	COFF:	1	150	0	2	0	0	6	3	0	0	4		139
	TEAS:	13	52	0	2	0	0	9	0	0	0	4		41
GR-H.2	TOTAL	34	57	0	2	0	0	15	6	0	0	7		31
	CANE:	34	57	0	2	0	0	15	6	0	0	8		30
GR-H.3	TOTAL	59	1	0	2	0	0	7	0	0	0	7		-11
	COTT:	59	1	0	2	0	0	7	0	0	0	8		-12
	FALLOW:	1095											2	
PR	TOTAL	749	2974	144	1230	0	0	15905	6599	0	0	8681	300	-26537
PR-L.1	TOTAL	115	3	1	2	0	0	7	3	0	0	19		-23
	RICE:	14	3	1	2	0	0	5	2	0	0	19		-20
	MAIZ:	47	1	1	2	0	0	7	2	0	0	19		-24
	SORG:	47	4	2	2	0	0	8	4	0	0	19		-23
	PULS:	7	13	0	2	0	0	5	1	0	0	19		-10
PR-L.2	TOTAL	196	4	0	2	0	0	7	4	0	0	11		-16
	CASS:	196	4	0	2	0	0	7	4	0	0	11		-16

Mozambique

GR	TOTAL	2235	4383	9750	4159	0	0	14912	17384	10222	0	21877	1095	-45008
GR-L.1	TOTAL	695	1	9	4	0	0	5	19	8	0	22		-40
	MAIZ:	417	0	8	4	0	0	5	17	7	0	23		-40
	MILL:	4	0	23	4	0	0	6	52	10	0	23		-64
	SORG:	146	1	13	4	0	0	5	30	9	0	23		-49
	PULS:	42	0	5	4	0	0	12	11	6	0	23		-43
	GROU:	84	3	6	4	0	0	7	13	8	0	23		-38
	SESA:	2	0	5	4	0	0	5	11	7	0	23		-37
GR-L.2	TOTAL	294	6	13	4	0	0	28	12	11	0	15		-43
	SPOT:	5	11	13	4	0	0	62	14	9	0	15		-72
	CASS:	182	4	13	4	0	0	35	6	10	0	15		-45
	OTHR:	1	0	13	4	0	0	18	10	9	0	15		-35
	VEGE:	35	2	13	4	0	0	15	23	8	0	15		-42
	FRUI:	24	17	13	4	0	0	22	27	14	0	15		-44
	SUNF:	31	16	13	4	0	0	7	25	15	0	15		-29
	TOBA:	2	33	13	4	0	0	96	0	20	0	15		-81
	FIBR:	14	0	13	4	0	0	2	2	12	0	15		-14
GR-H.1	TOTAL	58	20	0	4	0	0	26	11	10	0	7		-30
	POTA:	4	33	0	4	0	0	137	27	0	0	8		-135
	BANA:	18	6	0	4	0	0	32	25	0	0	8		-55
	CITR:	22	5	0	4	0	0	7	4	6	0	8		-16
	COFF:	1	0	0	4	0	0	20	3	3	0	8		-30
	TEAS:	13	62	0	4	0	0	16	0	36	0	8		6
GR-H.2	TOTAL	34	30	0	4	0	0	42	4	16	0	15		-43
	CANE:	34	30	0	4	0	0	42	4	16	0	15		-43
GR-H.3	TOTAL	59	0	0	4	0	0	3	0	10	0	15		-24
	COTT:	59	0	0	4	0	0	3	0	10	0	15		-24
	FALLOW:	1095											1	
PR	TOTAL	749	3201	590	2552	0	0	16547	14338	2455	0	17362	150	-44209
PR-L.1	TOTAL	115	0	5	4	0	0	4	11	8	0	37		-51
	RICE:	14	1	8	4	0	0	3	18	9	0	38		-55
	MAIZ:	47	0	4	4	0	0	4	10	8	0	38		-52
	SORG:	47	1	5	4	0	0	3	12	9	0	38		-52
	PULS:	7	0	2	4	0	0	8	5	8	0	38		-53
PR-L.2	TOTAL	196	4	0	4	0	0	31	2	6	0	22		-53
	CASS:	196	4	0	4	0	0	31	2	6	0	23		-54

Niger

NF	TOTAL	17	64	0	65	374	109	315	74	25	197	0	0	1
NF-L.1	TOTAL	17	4	0	4	22	6	19	4	1	12	0		0
	RICE:	17	4	0	4	22	6	19	4	1	12	0		0
IR	TOTAL	12	71	0	38	104	120	615	61	3	99	0	0	-445
IR-H.1	TOTAL	12	6	0	3	9	10	51	5	0	8	0		-36
	WHEA:	2	0	0	3	2	10	25	1	1	11	0		-23
	RICE:	4	9	0	3	22	10	48	7	0	8	0		-19
	CANE:	4	0	0	3	2	10	22	2	0	10	0		-19
	VEGE:	2	17	0	3	2	10	144	10	0	3	0		-125

Niger

Table 146 The P205-balance per crop and Land Use System for Niger, 1983

	AREA :	FERT	MANU	DEPO	FIXA	SEDI :	PROD	RESI	LEAC	GASE	EROS :	FALL :	TOTAL
	000 HA												
TOTAL	10984 :	300	5149	6719	0	261 :	21998	12273	0	0	43723 :	10235	-55330 (TON/CTY)
LR TOTAL	10430 :	271	4617	6215	0	0 :	18803	10272	0	0	41460 :	9804	-49628 (TON/LWC)
LR-L.1 TOTAL	5519 :	0	1	1	0	0 :	3	2	0	0	7 :		-10 (KG/HA)
MILL:	2898 :	0	1	1	0	0 :	4	2	0	0	8 :		-12 (KG/HA)
SORG:	1017 :	0	1	1	0	0 :	4	3	0	0	8 :		-13 (KG/HA)
OTHC:	4 :	0	1	1	0	0 :	6	3	0	0	8 :		-15 (KG/HA)
PULS:	1484 :	0	0	1	0	0 :	2	0	0	0	8 :		-9 (KG/HA)
GROU:	116 :	0	1	1	0	0 :	5	2	0	0	8 :		-13 (KG/HA)
LR-L.2 TOTAL	9 :	0	2	1	0	0 :	8	6	0	0	7 :		-18
VEGE:	6 :	0	2	1	0	0 :	10	8	0	0	8 :		-23
FRUI:	3 :	0	2	1	0	0 :	3	2	0	0	8 :		-10
FALLOW:	4902 :											2 :	(KG/HA)
UR TOTAL	525 :	29	532	465	0	0 :	2693	1908	0	0	2263 :	431	-5407
UR-L.1 TOTAL	267 :	0	2	1	0	0 :	8	4	0	0	7 :		-16
MAIZ:	14 :	0	2	1	0	0 :	8	3	0	0	8 :		-16
MILL:	122 :	0	3	1	0	0 :	11	6	0	0	8 :		-21
SORG:	33 :	0	3	1	0	0 :	9	7	0	0	8 :		-20
PULS:	48 :	0	0	1	0	0 :	3	1	0	0	8 :		-11
GROU:	50 :	0	1	1	0	0 :	7	3	0	0	8 :		-16
UR-L.2 TOTAL	41 :	0	0	1	0	0 :	11	18	0	0	6 :		-34
SPOT:	5 :	0	0	1	0	0 :	11	12	0	0	6 :		-28
CASS:	25 :	0	0	1	0	0 :	8	19	0	0	6 :		-32
VEGE:	8 :	0	0	1	0	0 :	21	24	0	0	6 :		-50
FRUI:	2 :	0	0	1	0	0 :	4	3	0	0	6 :		-12
TOBA:	1 :	0	0	1	0	0 :	13	0	0	0	6 :		-18
UR-L.3 TOTAL	2 :	0	0	1	0	0 :	13	0	0	0	7 :		-19
COTT:	2 :	0	0	1	0	0 :	13	0	0	0	8 :		-20
FALLOW:	215 :											2 :	
GR TOTAL	0 :	0	0	0	0	0 :	0	0	0	0	0 :	0	0
PR TOTAL	0 :	0	0	0	0	0 :	0	0	0	0	0 :	0	0

Niger

NF	TOTAL	17	0	0	25	0	225	212	38	0	0	0	0	0
NF-L.1	TOTAL	17	0	0	1	0	13	12	2	0	0	0		0
	RICE:	17	0	0	1	0	13	12	2	0	0	0		0
IR	TOTAL	12	0	0	14	0	36	290	55	0	0	0	0	-295
IR-H.1	TOTAL	12	0	0	1	0	3	24	5	0	0	0		-25
	WHEA:	2	0	0	1	0	3	11	1	0	0	0		-8
	RICE:	4	0	0	1	0	3	32	3	0	0	0		-31
	CANE:	4	0	0	1	0	3	18	5	0	0	0		-19
	VEGE:	2	0	0	1	0	3	34	10	0	0	0		-40

Niger

NF	TOTAL	17	0	0	51	0	342	111	282	0	0	0	0	0
NF-L.1	TOTAL	17	0	0	3	0	20	7	17	0	0	0		-1

	RICE:	17	0	0	3	0	20	7	17	0	0	0		0
IR	TOTAL	12	0	0	29	0	60	388	197	0	0	0	0	-496
IR-H.1	TOTAL	12	0	0	2	0	5	32	16	0	0	0		-41

	WHEA:	2	0	0	2	0	5	8	7	0	0	0		-8
	RICE:	4	0	0	2	0	5	17	28	0	0	0		-38
	CANE:	4	0	0	2	0	5	52	3	0	0	0		-48
	VEGE:	2	0	0	2	0	5	50	30	0	0	0		-73

Niger

NF	TOTAL	35	191	0	134	770	233	690	162	61	415	0	0	0
NF-L.1	TOTAL	35	5	0	4	22	7	20	5	2	12	0		-1
	RICE:	35	5	0	4	22	7	20	5	2	12	0		0
IR	TOTAL	23	255	0	72	206	230	1684	162	15	183	0	0	-1281
IR-H.1	TOTAL	23	11	0	3	9	10	73	7	1	8	0		-56
	WHEA:	3	0	0	3	2	10	58	2	0	7	0		-52
	RICE:	8	14	0	3	22	10	58	9	0	7	0		-25
	CANE:	8	13	0	3	2	10	37	4	2	12	0		-27
	VEGE:	4	12	0	3	2	10	187	13	0	3	0		-176

Niger

NF	TOTAL	35	64	0	51	0	433	464	83	0	0	0	0	1
NF-L.1	TOTAL	35	2	0	1	0	12	13	2	0	0	0		0
	RICE:	35	2	0	1	0	12	13	2	0	0	0		0
IR	TOTAL	23	36	0	27	0	69	812	158	0	0	0	0	-838
IR-H.1	TOTAL	23	2	0	1	0	3	35	7	0	0	0		-36
	WHEA:	3	0	0	1	0	3	26	2	0	0	0		-24
	RICE:	8	5	0	1	0	3	39	4	0	0	0		-34
	CANE:	8	0	0	1	0	3	31	9	0	0	0		-36
	VEGE:	4	0	0	1	0	3	44	13	0	0	0		-53

Niger

NF	TOTAL	35	:	0	0	105	0	755	:	244	616	0	0	0	:	0	:	0
NF-L.1	TOTAL	35	:	0	0	3	0	22	:	7	18	0	0	0	:		:	0
	RICE:	35	:	0	0	3	0	22	:	7	18	0	0	0	:		:	0
IR	TOTAL	23	:	46	0	57	0	115	:	1171	518	0	0	0	:	0	:	-1471
IR-H.1	TOTAL	23	:	2	0	2	0	5	:	51	23	0	0	0	:		:	-65
	WHEA:	3	:	0	0	2	0	5	:	18	17	0	0	0	:		:	-28
	RICE:	8	:	0	0	2	0	5	:	20	34	0	0	0	:		:	-47
	CANE:	8	:	0	0	2	0	5	:	87	5	0	0	0	:		:	-85
	VEGE:	4	:	12	0	2	0	5	:	64	39	0	0	0	:		:	-84

Nigeria

GR	TOTAL	9038	39580	16942	43831	57847	0	161275	49002	47249106397258329	0	-464052	
GR-L.1	TOTAL	6737	2	3	5	7	0	12	6	5	12	30	-48
	MAIZ:	677	9	5	5	5	0	30	11	5	12	30	-64
	MILL:	1400	2	5	5	5	0	17	11	5	11	30	-57
	SORG:	2765	1	2	5	5	0	9	4	6	12	30	-48
	OTHC:	22	5	2	5	5	0	13	5	6	13	30	-50
	PULS:	1244	0	0	5	9	0	4	1	6	13	30	-40
	SOYB:	121	1	1	5	20	0	19	3	5	11	30	-41
	GROU:	461	2	2	5	19	0	15	4	5	12	30	-38
	SESA:	47	4	1	5	5	0	12	3	6	13	30	-49
GR-L.2	TOTAL	1280	7	0	5	5	0	26	7	4	10	20	-50
	CASS:	309	13	0	5	5	0	39	19	0	6	20	-61
	OTHR:	152	3	0	5	5	0	24	3	4	10	20	-48
	PLAN:	116	1	0	5	5	0	3	2	6	13	20	-33
	VEGE:	427	5	0	5	5	0	35	4	3	10	20	-57
	FRUI:	94	10	0	5	5	0	9	2	8	14	20	-33
	OILC:	164	6	0	5	5	0	1	0	8	15	20	-28
	TOBA:	18	4	0	5	5	0	28	0	5	11	20	-50
GR-L.3	TOTAL	250	0	0	5	5	0	2	0	6	14	30	-42
	COTT:	250	0	0	5	5	0	2	0	6	14	30	-42
GR-H.1	TOTAL	771	24	0	5	5	0	58	4	5	12	30	-75
	RICE:	36	40	0	5	5	0	12	1	16	23	30	-32
	POTA:	1	113	0	5	5	0	86	7	27	34	30	-61
	SPOT:	730	23	0	5	5	0	60	4	5	11	30	-77
	CANE:	4	83	0	5	5	0	23	2	28	34	30	-24
PR	TOTAL	10506	31884	0	33546	28597	0	76960	15591	44123	85290128600	10296	-246241
PR-L.1	TOTAL	2050	4	0	6	6	0	5	1	10	17	40	-57
	MAIZ:	893	9	0	6	5	0	5	1	11	19	40	-56
	MILL:	337	2	0	6	5	0	8	1	8	16	40	-60
	SORG:	477	1	0	6	5	0	4	1	9	16	40	-58
	OTHC:	3	5	0	6	5	0	8	1	9	17	40	-59
	PULS:	275	0	0	6	9	0	4	0	9	16	40	-54
	GROU:	59	2	0	6	19	0	15	1	8	15	40	-52
	SESA:	6	4	0	6	5	0	9	1	9	17	40	-61
PR-L.2	TOTAL	1270	12	0	6	5	0	39	10	4	12	20	-62
	SPOT:	238	15	0	6	5	0	56	5	6	14	20	-75
	CASS:	852	13	0	6	5	0	39	13	3	11	20	-62
	OTHR:	51	3	0	6	5	0	24	2	7	14	20	-53
	VEGE:	83	5	0	6	5	0	29	2	7	15	20	-57
	FRUI:	46	10	0	6	5	0	7	1	11	19	20	-37

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GR	TOTAL	9038	33568	9902	16593	0	0	80631	30853	0	0	96873	0	-148294
GR-L.1	TOTAL	6737	1	1	2	0	0	8	3	0	0	11		-18
	MAIZ:	677	5	2	2	0	0	17	5	0	0	11		-24
	MILL:	1400	1	2	2	0	0	12	4	0	0	11		-22
	SORG:	2765	1	2	2	0	0	8	4	0	0	11		-18
	OTHC:	22	5	1	2	0	0	8	3	0	0	11		-14
	PULS:	1244	1	0	2	0	0	2	0	0	0	11		-10
	SOYB:	121	1	0	2	0	0	8	1	0	0	11		-17
	GROU:	461	2	1	2	0	0	5	2	0	0	11		-13
	SESA:	47	3	1	2	0	0	6	2	0	0	11		-13
GR-L.2	TOTAL	1280	6	0	2	0	0	6	4	0	0	8		-10
	CASS:	309	12	0	2	0	0	10	10	0	0	8		-14
	OTHR:	152	3	0	2	0	0	4	2	0	0	8		-9
	PLAN:	116	1	0	2	0	0	1	1	0	0	8		-7
	VEGE:	427	4	0	2	0	0	8	4	0	0	8		-14
	FRUI:	94	6	0	2	0	0	2	1	0	0	8		-3
	OILC:	164	5	0	2	0	0	0	0	0	0	8		-1
	TOBA:	18	8	0	2	0	0	9	0	0	0	8		-7
GR-L.3	TOTAL	250	0	0	2	0	0	2	0	0	0	11		-11
	COTT:	250	0	0	2	0	0	2	0	0	0	11		-11
GR-H.1	TOTAL	771	22	0	2	0	0	22	5	0	0	11		-14
	RICE:	36	16	0	2	0	0	8	1	0	0	11		-2
	POTA:	1	113	0	2	0	0	59	5	0	0	11		40
	SPOT:	730	22	0	2	0	0	22	5	0	0	11		-14
	CANE:	4	56	0	2	0	0	20	4	0	0	11		23
PR	TOTAL	10506	25799	0	12700	0	0	28065	8910	0	0	48225	10296	-36405
PR-L.1	TOTAL	2050	3	0	2	0	0	3	0	0	0	15		-13
	MAIZ:	893	5	0	2	0	0	3	0	0	0	15		-11
	MILL:	337	1	0	2	0	0	5	1	0	0	15		-18
	SORG:	477	1	0	2	0	0	4	1	0	0	15		-17
	OTHC:	3	5	0	2	0	0	5	0	0	0	15		-13
	PULS:	275	1	0	2	0	0	2	0	0	0	15		-14
	GROU:	59	2	0	2	0	0	5	0	0	0	15		-16
	SESA:	6	3	0	2	0	0	4	1	0	0	15		-15
PR-L.2	TOTAL	1270	12	0	2	0	0	11	6	0	0	7		-10
	SPOT:	238	15	0	2	0	0	21	6	0	0	8		-18
	CASS:	852	12	0	2	0	0	10	6	0	0	8		-10
	OTHR:	51	3	0	2	0	0	4	1	0	0	8		-8
	VEGE:	83	4	0	2	0	0	7	2	0	0	8		-11
	FRUI:	46	6	0	2	0	0	2	0	0	0	8		-2

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Table 153 The K20-balance per crop and Land Use System for Nigeria, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	32869	46702	107322	99205	0	30191	320764	276848	163965	0475578	5830	-947905	(TON/CTY)
LR TOTAL	3120	116	9704	7482	0	0	5320	21201	7474	0 10414	343	-26764	(TON/LWC)
LR-L.1 TOTAL	2581	0	3	3	0	0	2	7	3	0 4		-10	(KG/HA)
MILL:	1124	0	6	3	0	0	2	13	3	0 4		-13	(KG/HA)
SORG:	597	0	2	3	0	0	1	4	3	0 4		-7	(KG/HA)
OTHC:	51	0	5	3	0	0	3	11	3	0 4		-13	(KG/HA)
PULS:	600	0	0	3	0	0	1	1	2	0 4		-5	(KG/HA)
GROU:	61	0	1	3	0	0	2	3	2	0 4		-7	(KG/HA)
SESA:	148	0	2	3	0	0	2	4	2	0 4		-7	(KG/HA)
LR-L.2 TOTAL	196	0	6	3	0	0	6	13	4	0 4		-18	
VEGE:	141	0	7	3	0	0	5	12	4	0 4		-15	
FRUI:	55	0	7	3	0	0	8	14	3	0 4		-19	
FALLOW:	343										1		(KG/HA)
UR TOTAL	8483	3725	50937	25338	0	0	71495	114325	43108	0174967	339	-323556	
UR-L.1 TOTAL	6878	0	6	3	0	0	3	14	6	0 22		-36	
MAIZ:	332	0	7	3	0	0	4	15	6	0 23		-38	
MILL:	1685	0	16	3	0	0	4	35	8	0 23		-51	
SORG:	1890	0	5	3	0	0	2	12	6	0 23		-35	
OTHC:	14	0	10	3	0	0	5	23	6	0 23		-44	
PULS:	2040	0	1	3	0	0	3	2	5	0 23		-29	
SOYB:	76	0	2	3	0	0	7	4	4	0 23		-33	
GROU:	783	0	3	3	0	0	4	7	5	0 23		-33	
SESA:	58	1	3	3	0	0	2	6	5	0 23		-29	
UR-L.2 TOTAL	1103	3	6	3	0	0	46	15	3	0 15		-67	
POTA:	1	0	7	3	0	0	58	19	0	0 15		-82	
SPOT:	463	6	7	3	0	0	90	20	0	0 15		-109	
CASS:	57	2	7	3	0	0	41	7	4	0 15		-55	
OTHR:	98	1	7	3	0	0	19	10	4	0 15		-37	
VEGE:	303	1	7	3	0	0	12	18	3	0 15		-37	
FRUI:	62	1	7	3	0	0	11	13	5	0 15		-33	
OILC:	107	1	7	3	0	0	2	1	8	0 15		-15	
TOBA:	12	0	7	3	0	0	44	0	4	0 15		-53	
UR-L.3 TOTAL	163	0	0	3	0	0	1	0	6	0 22		-26	
COTT:	163	0	0	3	0	0	1	0	6	0 23		-27	
FALLOW:	339										1		

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GR	TOTAL	9038	13862	46681	34438	0	0	137059118568	51361	0193747	0	-405754		
GR-L.1	TOTAL	6737	0	7	4	0	0	4	15	7	0	23	-38	
	MAIZ:	677	0	12	4	0	0	10	26	6	0	23	-49	
	MILL:	1400	0	16	4	0	0	6	35	7	0	23	-51	
	SORG:	2765	0	5	4	0	0	3	12	7	0	23	-36	
	OTHC:	22	0	7	4	0	0	5	15	7	0	23	-39	
	PULS:	1244	0	1	4	0	0	3	2	7	0	23	-30	
	SOYB:	121	0	1	4	0	0	7	3	6	0	23	-34	
	GROU:	461	0	2	4	0	0	4	5	7	0	23	-33	
	SESA:	47	1	2	4	0	0	3	5	7	0	23	-31	
GR-L.2	TOTAL	1280	2	0	4	0	0	21	7	3	0	15	-40	
	CASS:	309	4	0	4	0	0	48	5	2	0	15	-62	
	OTHR:	152	1	0	4	0	0	19	6	3	0	15	-38	
	PLAN:	116	0	0	4	0	0	20	11	1	0	15	-43	
	VEGE:	427	1	0	4	0	0	12	11	2	0	15	-35	
	FRUI:	94	2	0	4	0	0	11	8	4	0	15	-32	
	OILC:	164	1	0	4	0	0	2	1	7	0	15	-20	
	TOBA:	18	0	0	4	0	0	44	0	2	0	15	-57	
GR-L.3	TOTAL	250	0	0	4	0	0	1	0	8	0	23	-28	
	COTT:	250	0	0	4	0	0	1	0	8	0	23	-28	
GR-H.1	TOTAL	771	14	0	4	0	0	105	7	0	0	22	-116	
	RICE:	36	0	0	4	0	0	4	5	3	0	23	-31	
	POTA:	1	0	0	4	0	0	163	16	0	0	23	-198	
	SPOT:	730	15	0	4	0	0	110	7	0	0	23	-121	
	CANE:	4	11	0	4	0	0	55	2	5	0	23	-70	
PR	TOTAL	10506	27479	0	26358	0	0	82583	13648	55847	0	96450	5148	-189543
PR-L.1	TOTAL	2050	0	0	5	0	0	2	2	9	0	30	-38	
	MAIZ:	893	0	0	5	0	0	2	1	10	0	30	-38	
	MILL:	337	0	0	5	0	0	3	5	8	0	30	-41	
	SORG:	477	0	0	5	0	0	1	2	10	0	30	-38	
	OTHC:	3	0	0	5	0	0	3	3	9	0	30	-40	
	PULS:	275	0	0	5	0	0	3	0	10	0	30	-38	
	GROU:	59	0	0	5	0	0	4	1	10	0	30	-40	
	SESA:	6	1	0	5	0	0	2	1	10	0	30	-37	
PR-L.2	TOTAL	1270	5	0	5	0	0	52	5	6	0	15	-68	
	SPOT:	238	10	0	5	0	0	102	9	1	0	15	-112	
	CASS:	852	4	0	5	0	0	47	3	6	0	15	-62	
	OTHR:	51	1	0	5	0	0	18	4	8	0	15	-39	
	VEGE:	83	1	0	5	0	0	10	6	7	0	15	-32	
	FRUI:	46	2	0	5	0	0	8	4	9	0	15	-29	

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GR	TOTAL	9609	126681	32319	46594	67960	0	261868	87035	630971	276772	74339	0	-540462
GR-L.1	TOTAL	7036	10	5	5	8	0	22	10	7	13	30		-54
	MAIZ:	744	25	6	5	5	0	37	13	9	16	30		-64
	MILL:	1450	14	9	5	5	0	33	21	6	13	30		-70
	SORG:	2763	11	4	5	5	0	20	9	7	14	30		-55
	OTHC:	22	7	3	5	5	0	15	6	7	13	30		-51
	PULS:	1430	1	1	5	12	0	8	2	6	12	30		-39
	SOYB:	132	1	2	5	30	0	31	6	3	10	30		-42
	GROU:	452	2	2	5	19	0	15	4	5	12	30		-38
	SESA:	43	3	1	5	5	0	12	3	6	12	30		-49
GR-L.2	TOTAL	1389	14	0	5	5	0	36	8	4	11	20		-55
	CASS:	330	23	0	5	5	0	46	22	1	8	20		-64
	OTHR:	167	7	0	5	5	0	33	4	4	10	20		-54
	PLAN:	135	9	0	5	5	0	5	2	8	14	20		-30
	VEGE:	490	14	0	5	5	0	56	6	3	10	20		-71
	FRUI:	104	18	0	5	5	0	11	3	10	16	20		-32
	OILC:	140	5	0	5	5	0	1	0	8	14	20		-28
	TOBA:	23	9	0	5	5	0	39	0	5	12	20		-57
GR-L.3	TOTAL	325	5	0	5	5	0	7	0	7	20	30		-49
	COTT:	325	5	0	5	5	0	7	0	7	20	30		-49
GR-H.1	TOTAL	859	37	0	5	5	0	64	4	8	15	30		-74
	RICE:	67	98	0	5	5	0	15	2	33	40	30		-12
	POTA:	2	120	0	5	5	0	88	7	29	36	30		-60
	SPOT:	783	31	0	5	5	0	68	4	6	13	30		-80
	CANE:	7	119	0	5	5	0	25	2	38	45	30		-11
PR	TOTAL	13969	129852	0	50727	43003	0	199149	36276	762101	384452	202760	11734	-417524
PR-L.1	TOTAL	3136	17	0	6	6	0	14	2	12	20	40		-59
	MAIZ:	1542	25	0	6	5	0	20	2	13	21	40		-60
	MILL:	473	14	0	6	5	0	12	2	11	19	40		-59
	SORG:	590	11	0	6	5	0	9	1	11	19	40		-58
	OTHC:	3	7	0	6	5	0	10	1	10	17	40		-60
	PULS:	463	1	0	6	9	0	4	0	9	17	40		-54
	GROU:	59	2	0	6	19	0	15	1	8	15	40		-52
	SESA:	6	3	0	6	5	0	9	1	9	16	40		-61
PR-L.2	TOTAL	2599	21	0	6	5	0	50	11	5	13	20		-67
	SPOT:	827	21	0	6	5	0	60	5	7	15	20		-75
	CASS:	1395	23	0	6	5	0	50	16	3	11	20		-66
	OTHR:	93	7	0	6	5	0	30	3	7	15	20		-57
	VEGE:	179	14	0	6	5	0	42	3	8	15	20		-63
	FRUI:	105	18	0	6	5	0	10	2	13	20	20		-36

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PR-L.3 TOTAL	2200	3	0	6	5	0	9	1	9	17	10		-32
PLAN:	227	9	0	6	5	0	4	2	11	18	10		-25
PALM:	1128	0	0	6	5	0	3	1	9	16	10		-28
COCN:	32	22	0	6	5	0	317	28	0	3	10		-325
COCO:	703	5	0	6	5	0	8	1	10	17	10		-30
COFF:	7	29	0	6	5	0	24	1	15	23	10		-33
RUBB:	103	7	0	6	5	0	3	0	11	19	10		-25
PR-H.1 TOTAL	167	98	0	6	5	0	19	1	35	43	20		-9
RICE:	166	98	0	6	5	0	19	1	35	43	20		-9
POTA:	1	120	0	6	5	0	62	3	36	44	20		-34
FALLOW:	5867											2	
NF TOTAL	2092	114780	0	11335	20486	52992	66381	6246	41029	63814	0	0	22123
NF-L.1 TOTAL	781	7	0	5	2	31	17	4	7	18	0		-1
MILL:	353	9	0	5	2	34	21	5	6	17	0		0
SORG:	349	7	0	5	2	31	16	3	8	18	0		0
PULS:	79	1	0	5	6	20	4	0	8	19	0		0
NF-L.2 TOTAL	510	10	0	5	2	56	49	4	4	15	0		1
SPOT:	265	12	0	5	2	67	64	6	3	14	0		0
OTHR:	55	4	0	5	2	47	34	3	5	16	0		0
PLAN:	46	5	0	5	2	23	5	2	9	20	0		0
VEGE:	112	8	0	5	2	59	52	4	4	15	0		0
FRUI:	32	11	0	5	2	24	10	2	10	21	0		0
NF-H.1 TOTAL	801	130	0	5	22	0	35	1	41	52	0		28
RICE:	801	130	0	5	22	0	35	1	41	52	0		28
IR TOTAL	213	21285	0	939	2155	2122	12093	1172	5806	8117	0	0	-687
IR-H.1 TOTAL	197	107	0	4	11	10	60	6	29	39	0		-2
WHEA:	22	82	0	4	2	10	67	3	22	33	0		-27
RICE:	87	130	0	4	22	10	44	7	37	47	0		31
CANE:	43	158	0	4	2	10	45	5	47	57	0		20
VEGE:	45	28	0	4	2	10	104	7	0	10	0		-77
IR-H.2 TOTAL	16	11	0	4	2	10	15	0	7	26	0		-21
COTT:	16	11	0	4	2	10	15	0	7	26	0		-21

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Table 155 The P205-balance per crop and Land Use System for Nigeria, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	38355	304622	42823	58822	0	12713	361122141955	0	0	0278943	12732		-350308 (TON/CTY)
LR TOTAL	3198	4645	3001	3986	0	0	14530 6596	0	0	4605	256		-13843 (TON/LWC)
LR-L.1 TOTAL	2849	1	1	1	0	0	5 2	0	0	1			-5 (KG/HA)
MILL:	1265	2	1	1	0	0	7 3	0	0	2			-8 (KG/HA)
SORG:	600	2	1	1	0	0	5 3	0	0	2			-6 (KG/HA)
OTHC:	51	1	1	1	0	0	6 2	0	0	2			-7 (KG/HA)
PULS:	735	1	0	1	0	0	2 0	0	0	2			-2 (KG/HA)
GROU:	62	0	0	1	0	0	3 1	0	0	2			-5 (KG/HA)
SESA:	136	0	1	1	0	0	3 1	0	0	2			-4 (KG/HA)
LR-L.2 TOTAL	221	2	2	1	0	0	4 4	0	0	1			-4
VEGE:	156	2	2	1	0	0	5 5	0	0	2			-7
FRUI:	65	2	2	1	0	0	2 1	0	0	2			0
FALLOW:	128										2		(KG/HA)
UR TOTAL	9274	42287	19950	13346	0	0	84479 51333	0	0	95426	742		-154913
UR-L.1 TOTAL	7444	4	2	1	0	0	9 5	0	0	11			-18
MAIZ:	270	9	2	1	0	0	11 5	0	0	11			-15
MILL:	2289	6	4	1	0	0	15 8	0	0	11			-23
SORG:	1951	5	4	1	0	0	10 8	0	0	11			-19
OTHC:	14	4	2	1	0	0	9 4	0	0	11			-17
PULS:	1999	2	0	1	0	0	2 1	0	0	11			-11
SOYB:	84	2	1	1	0	0	10 2	0	0	11			-19
GROU:	783	1	1	1	0	0	5 2	0	0	11			-15
SESA:	54	1	1	1	0	0	4 3	0	0	11			-15
UR-L.2 TOTAL	1262	9	2	1	0	0	13 10	0	0	7			-18
POTA:	1	48	2	1	0	0	21 6	0	0	8			16
SPOT:	571	12	2	1	0	0	21 15	0	0	8			-29
CASS:	70	13	2	1	0	0	10 16	0	0	8			-18
OTHR:	117	4	2	1	0	0	5 4	0	0	8			-10
VEGE:	320	6	2	1	0	0	9 7	0	0	8			-15
FRUI:	74	5	2	1	0	0	3 1	0	0	8			-4
OILC:	91	2	2	1	0	0	0 0	0	0	8			-3
TOBA:	18	7	2	1	0	0	11 0	0	0	8			-9
UR-L.3 TOTAL	197	2	0	1	0	0	4 0	0	0	11			-12
COTT:	197	2	0	1	0	0	4 0	0	0	11			-12
FALLOW:	371										2		

Nigeria

GR	TOTAL	9609	97496	19872	17639	0	0	142751	56126	0	0102877	0	-166747	
GR-L.1	TOTAL	7036	8	3	2	0	0	15	6	0	0	11	-19	
	MAIZ:	744	15	3	2	0	0	21	6	0	0	11	-18	
	MILL:	1450	11	4	2	0	0	23	8	0	0	11	-25	
	SORG:	2763	8	4	2	0	0	18	9	0	0	11	-24	
	OTHC:	22	7	1	2	0	0	9	3	0	0	11	-13	
	PULS:	1430	3	0	2	0	0	3	0	0	0	11	-9	
	SOYB:	132	3	1	2	0	0	13	2	0	0	11	-20	
	GROU:	452	2	1	2	0	0	5	2	0	0	11	-13	
	SESA:	43	2	1	2	0	0	6	2	0	0	11	-14	
GR-L.2	TOTAL	1389	12	0	2	0	0	9	5	0	0	7	-7	
	CASS:	330	22	0	2	0	0	12	11	0	0	8	-7	
	OTHR:	167	6	0	2	0	0	5	2	0	0	8	-7	
	PLAN:	135	7	0	2	0	0	1	1	0	0	8	-1	
	VEGE:	490	10	0	2	0	0	13	6	0	0	8	-15	
	FRUI:	104	9	0	2	0	0	3	1	0	0	8	-1	
	OILC:	140	4	0	2	0	0	0	0	0	0	8	-2	
	TOBA:	23	12	0	2	0	0	13	0	0	0	8	-7	
GR-L.3	TOTAL	325	3	0	2	0	0	9	0	0	0	11	-15	
	COTT:	325	3	0	2	0	0	9	0	0	0	11	-15	
GR-H.1	TOTAL	859	31	0	2	0	0	24	5	0	0	11	-7	
	RICE:	67	39	0	2	0	0	10	1	0	0	11	19	
	POTA:	2	120	0	2	0	0	60	5	0	0	11	46	
	SPOT:	783	30	0	2	0	0	26	6	0	0	11	-11	
	CANE:	7	83	0	2	0	0	21	4	0	0	11	49	
PR	TOTAL	13969	98185	0	19204	0	0	76017	22144	0	0	76035	11734	-45073
PR-L.1	TOTAL	3136	11	0	2	0	0	9	1	0	0	15	-12	
	MAIZ:	1542	15	0	2	0	0	11	1	0	0	15	-10	
	MILL:	473	11	0	2	0	0	8	1	0	0	15	-11	
	SORG:	590	8	0	2	0	0	8	1	0	0	15	-14	
	OTHC:	3	7	0	2	0	0	6	1	0	0	15	-13	
	PULS:	463	3	0	2	0	0	2	0	0	0	15	-12	
	GROU:	59	2	0	2	0	0	5	0	0	0	15	-16	
	SESA:	6	2	0	2	0	0	4	1	0	0	15	-16	
PR-L.2	TOTAL	2599	20	0	2	0	0	15	7	0	0	7	-7	
	SPOT:	827	20	0	2	0	0	22	7	0	0	8	-15	
	CASS:	1395	22	0	2	0	0	13	8	0	0	8	-5	
	OTHR:	93	6	0	2	0	0	5	1	0	0	8	-6	
	VEGE:	179	10	0	2	0	0	10	3	0	0	8	-9	
	FRUI:	105	9	0	2	0	0	2	0	0	0	8	1	

Nigeria

PR-L.3 TOTAL	2200	3	0	2	0	0	4	1	0	0	4		-4
PLAN:	227	7	0	2	0	0	1	1	0	0	4		3
PALM:	1128	0	0	2	0	0	2	0	0	0	4		-4
COCN:	32	16	0	2	0	0	86	14	0	0	4		-86
COCO:	703	6	0	2	0	0	4	0	0	0	4		0
COFF:	7	14	0	2	0	0	4	1	0	0	4		7
RUBB:	103	2	0	2	0	0	1	0	0	0	4		-1
PR-H.1 TOTAL	167	39	0	2	0	0	13	1	0	0	7		20
RICE:	166	39	0	2	0	0	12	1	0	0	8		20
POTA:	1	120	0	2	0	0	42	2	0	0	8		70
FALLOW:	5867											2	
NF TOTAL	2092	50046	0	4291	0	12076	37147	4683	0	0	0	0	24583
NF-L.1 TOTAL	781	5	0	2	0	8	13	2	0	0	0		0
MILL:	353	6	0	2	0	9	15	2	0	0	0		0
SORG:	349	5	0	2	0	10	14	3	0	0	0		0
PULS:	79	2	0	2	0	0	2	0	0	0	0		2
NF-L.2 TOTAL	510	9	0	2	0	11	16	5	0	0	0		1
SPOT:	265	12	0	2	0	17	24	7	0	0	0		0
OTHR:	55	4	0	2	0	1	5	2	0	0	0		0
PLAN:	46	4	0	2	0	0	1	1	0	0	0		4
VEGE:	112	6	0	2	0	8	12	4	0	0	0		0
FRUI:	32	5	0	2	0	0	2	0	0	0	0		5
NF-H.1 TOTAL	801	52	0	2	0	0	23	1	0	0	0		30
RICE:	801	52	0	2	0	0	23	1	0	0	0		30
IR TOTAL	213	11963	0	356	0	637	6198	1073	0	0	0	0	5685
IR-H.1 TOTAL	197	60	0	2	0	3	30	5	0	0	0		30
WHEA:	22	77	0	2	0	3	30	2	0	0	0		50
RICE:	87	52	0	2	0	3	30	3	0	0	0		24
CANE:	43	110	0	2	0	3	38	11	0	0	0		66
VEGE:	45	21	0	2	0	3	24	7	0	0	0		-5
IR-H.2 TOTAL	16	6	0	2	0	3	18	0	0	0	0		-7
COTT:	16	6	0	2	0	3	18	0	0	0	0		-7

Nigeria

GR	TOTAL	9609	23934	91133	36609	0	0	192939224508	55732	0205754	0	-527257	
GR-L.1	TOTAL	7036	0	13	4	0	0	8	29	7	0	22	-49
	MAIZ:	744	1	14	4	0	0	13	31	7	0	23	-55
	MILL:	1450	1	29	4	0	0	11	66	8	0	23	-74
	SORG:	2763	0	12	4	0	0	6	28	7	0	23	-48
	OTHC:	22	0	8	4	0	0	5	17	7	0	23	-40
	PULS:	1430	0	1	4	0	0	5	3	6	0	23	-32
	SOYB:	132	1	2	4	0	0	12	5	6	0	23	-39
	GROU:	452	0	2	4	0	0	4	5	7	0	23	-33
	SESA:	43	0	2	4	0	0	3	5	7	0	23	-32
GR-L.2	TOTAL	1389	3	0	4	0	0	28	11	2	0	15	-49
	CASS:	330	7	0	4	0	0	56	6	3	0	15	-69
	OTHR:	167	2	0	4	0	0	25	8	3	0	15	-45
	PLAN:	135	2	0	4	0	0	27	15	0	0	15	-51
	VEGE:	490	3	0	4	0	0	19	17	0	0	15	-44
	FRUI:	104	4	0	4	0	0	13	10	4	0	15	-34
	OILC:	140	1	0	4	0	0	2	1	7	0	15	-20
	TOBA:	23	3	0	4	0	0	61	0	2	0	15	-71
GR-L.3	TOTAL	325	0	0	4	0	0	4	0	13	0	23	-36
	COTT:	325	0	0	4	0	0	4	0	13	0	23	-36
GR-H.1	TOTAL	859	19	0	4	0	0	115	8	0	0	23	-123
	RICE:	67	1	0	4	0	0	5	7	2	0	23	-32
	POTA:	2	30	0	4	0	0	166	16	0	0	23	-171
	SPOT:	783	20	0	4	0	0	125	8	0	0	23	-132
	CANE:	7	14	0	4	0	0	59	3	6	0	23	-73
PR	TOTAL	13969	53081	0	39857	0	0	215337	36822	71585	0152070	5867	-377009
PR-L.1	TOTAL	3136	1	0	5	0	0	5	4	8	0	30	-41
	MAIZ:	1542	1	0	5	0	0	7	5	7	0	30	-43
	MILL:	473	1	0	5	0	0	4	7	6	0	30	-41
	SORG:	590	0	0	5	0	0	3	4	8	0	30	-40
	OTHC:	3	0	0	5	0	0	3	3	8	0	30	-39
	PULS:	463	0	0	5	0	0	3	0	10	0	30	-38
	GROU:	59	0	0	5	0	0	4	1	10	0	30	-40
	SESA:	6	0	0	5	0	0	2	1	10	0	30	-38
PR-L.2	TOTAL	2599	8	0	5	0	0	70	6	5	0	15	-83
	SPOT:	827	13	0	5	0	0	109	10	2	0	15	-118
	CASS:	1395	7	0	5	0	0	61	4	6	0	15	-74
	OTHR:	93	2	0	5	0	0	23	5	7	0	15	-43
	VEGE:	179	3	0	5	0	0	15	9	6	0	15	-37
	FRUI:	105	4	0	5	0	0	12	6	9	0	15	-33

Nigeria

PR-L.3 TOTAL	2200	13	0	5	0	0	8	3	16	0	7	-16
PLAN:	227	2	0	5	0	0	26	10	4	0	8	-41
PALM:	1128	24	0	5	0	0	5	1	22	0	8	-7
COCN:	32	9	0	5	0	0	61	32	0	0	8	-87
COCO:	703	2	0	5	0	0	5	2	11	0	8	-19
COFF:	7	0	0	5	0	0	14	2	9	0	8	-28
RUBB:	103	3	0	5	0	0	3	0	12	0	8	-15
PR-H.1 TOTAL	167	1	0	5	0	0	7	5	5	0	15	-26
RICE:	166	1	0	5	0	0	7	5	5	0	15	-26
POTA:	1	30	0	5	0	0	116	8	7	0	15	-111
FALLOW:	5867										1	
NF TOTAL	2092	3681	0	8906	0	61599	50523	18118	5544	0	0	1
NF-L.1 TOTAL	781	0	0	4	0	18	6	12	5	0	0	-1
MILL:	353	1	0	4	0	22	7	17	2	0	0	0
SORG:	349	0	0	4	0	16	5	9	7	0	0	0
PULS:	79	0	0	4	0	10	3	1	11	0	0	0
NF-L.2 TOTAL	510	5	0	4	0	74	71	10	3	0	0	-1
SPOT:	265	8	0	4	0	115	117	10	0	0	0	0
OTHR:	55	1	0	4	0	33	26	6	7	0	0	0
PLAN:	46	1	0	4	0	39	30	11	3	0	0	0
VEGE:	112	2	0	4	0	28	18	11	5	0	0	0
FRUI:	32	2	0	4	0	19	12	6	8	0	0	0
NF-H.1 TOTAL	801	1	0	4	0	12	12	5	0	0	0	0
RICE:	801	1	0	4	0	12	12	5	0	0	0	0
IR TOTAL	213	1364	0	738	0	1061	8069	3883	311	0	0	-9100
IR-H.1 TOTAL	197	7	0	3	0	5	40	20	0	0	0	-45
WHEA:	22	9	0	3	0	5	21	19	0	0	0	-23
RICE:	87	1	0	3	0	5	16	26	0	0	0	-33
CANE:	43	19	0	3	0	5	105	6	2	0	0	-86
VEGE:	45	6	0	3	0	5	36	22	0	0	0	-44
IR-H.2 TOTAL	16	1	0	3	0	5	9	0	15	0	0	-15
COTT:	16	1	0	3	0	5	9	0	15	0	0	-15

Rwanda

Table 157 The N-balance per crop and Land Use System for Rwanda, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1109	400	1790	5611	9827	2016	24264	5879	4262	12865	32138	0	-59764 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	375	125	1249	1669	3285	0	9662	3331	962	2898	4755	0	-15280 (TON/LWC)
GR-L.1 TOTAL	203	0	5	4	14	0	23	11	3	8	15		-37 (KG/HA)
WHEA:	3	0	1	4	2	0	22	3	3	8	15		-44 (KG/HA)
MAIZ:	29	0	5	4	2	0	22	12	3	8	15		-49 (KG/HA)
SORG:	64	1	6	4	2	0	19	13	3	9	15		-46 (KG/HA)
PULS:	91	1	4	4	22	0	22	9	3	9	15		-27 (KG/HA)
SOYB:	3	0	11	4	78	0	93	25	0	1	15		-41 (KG/HA)
GROU:	13	0	7	4	39	0	41	16	1	6	15		-29 (KG/HA)
GR-L.2 TOTAL	29	0	8	5	2	0	46	15	2	7	10		-65
POTA:	4	0	8	4	2	0	29	8	3	8	10		-44
SPOT:	13	0	8	4	2	0	36	8	2	8	10		-50
CASS:	4	0	8	4	2	0	58	47	0	3	10		-104
OTHR:	2	0	8	4	2	0	21	4	5	10	10		-36
VEGE:	4	0	8	4	2	0	86	15	9	1	10		-98
FRUI:	1	0	8	4	2	0	6	3	6	12	10		-23
TOBA:	1	0	8	4	2	0	73	0	0	6	10		-75
GR-L.3 TOTAL	68	0	0	5	2	0	45	9	0	5	15		-67
POTA:	9	0	0	4	2	0	29	5	1	6	15		-50
SPOT:	30	0	0	4	2	0	36	5	0	5	15		-55
CASS:	10	0	0	4	2	0	58	28	0	3	15		-98
OTHR:	5	0	0	4	2	0	21	3	2	8	15		-43
VEGE:	10	0	0	4	2	0	86	9	0	3	15		-107
FRUI:	3	0	0	4	2	0	6	2	4	9	15		-30
TOBA:	1	0	0	4	2	0	73	0	0	3	15		-85
GR-H.1 TOTAL	75	0	0	4	2	0	7	1	4	9	5		-20
PLAN:	70	0	0	4	2	0	6	1	4	9	5		-19
COFF:	5	0	0	4	2	0	28	0	2	7	5		-36

Rwanda

PR	TOTAL	659	248	541	3578	6283	0	13200	2305	3085	9133	27383	0	-44456
PR-L.1	TOTAL	333	1	1	5	14	0	17	3	5	15	50		-69
	MAIZ:	38	0	2	5	5	0	20	4	5	14	50		-81
	SORG:	77	1	2	5	5	0	19	4	5	14	50		-79
	PULS:	209	1	1	5	18	0	14	2	6	15	50		-62
	SOYB:	3	0	2	5	56	0	62	6	0	9	50		-64
	GROU:	6	0	2	5	32	0	30	4	4	13	50		-62
PR-L.2	TOTAL	39	0	4	6	5	0	42	10	3	11	31		-82
	POTA:	8	0	4	5	5	0	31	5	4	13	30		-69
	SPOT:	21	0	4	5	5	0	39	5	3	12	30		-75
	CASS:	8	0	4	5	5	0	56	27	0	3	30		-102
	VEGE:	1	0	4	5	5	0	74	8	0	8	30		-106
	FRUI:	1	0	4	5	5	0	9	2	7	16	30		-50
PR-L.3	TOTAL	93	0	0	5	5	0	41	6	2	10	40		-89
	POTA:	20	0	0	5	5	0	31	3	3	12	40		-79
	SPOT:	49	0	0	5	5	0	39	3	2	11	40		-85
	CASS:	18	0	0	5	5	0	56	18	0	2	40		-106
	VEGE:	3	0	0	5	5	0	74	5	0	7	40		-116
	FRUI:	3	0	0	5	5	0	9	2	6	15	40		-62
PR-H.1	TOTAL	194	0	0	5	5	0	12	2	5	15	30		-54
	PLAN:	160	0	0	5	5	0	8	3	6	15	30		-52
	COFF:	26	0	0	5	5	0	28	1	4	14	30		-67
	TEAS:	8	0	0	5	5	0	31	0	4	14	30		-69
NF	TOTAL	74	27	0	359	237	2006	1353	232	215	829	0	0	0
NF-L.1	TOTAL	74	0	0	5	3	27	18	3	3	11	0		0
	MAIZ:	10	0	0	5	2	23	12	2	4	12	0		0
	MILL:	3	0	0	5	2	23	12	3	3	12	0		0
	SORG:	40	1	0	5	2	22	12	2	4	12	0		0
	SPOT:	9	0	0	5	2	51	46	4	0	8	0		0
	CASS:	5	0	0	5	2	56	46	15	0	3	0		0
	PULS:	7	1	0	5	15	11	14	1	4	13	0		0
IR	TOTAL	1	0	0	5	22	10	49	11	0	5	0	0	-28
IR-L.1	TOTAL	1	0	0	5	22	10	49	11	0	5	0		-28
	RICE:	1	0	0	5	22	10	49	11	0	5	0		-28

Rwanda

Table 158 The P205-balance per crop and Land Use System for Rwanda, 1983

		AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
		000 HA												
TOTAL		1109	200	987	2124	0	791	10496	3839	0	0	11695	0	-21928 (TON/CTY)
LR	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR	TOTAL	375	59	694	632	0	0	4101	2126	0	0	1426	0	-6268 (TON/LWC)
GR-L.1	TOTAL	203	0	3	2	0	0	12	6	0	0	4		-17 (KG/HA)
	WHEA:	3	0	1	2	0	0	10	3	0	0	4		-14 (KG/HA)
	MAIZ:	29	0	3	2	0	0	12	6	0	0	4		-17 (KG/HA)
	SORG:	64	0	6	2	0	0	16	13	0	0	4		-25 (KG/HA)
	PULS:	91	1	1	2	0	0	9	2	0	0	4		-11 (KG/HA)
	SOYB:	3	0	4	2	0	0	38	8	0	0	4		-44 (KG/HA)
	GROU:	13	0	3	2	0	0	15	7	0	0	4		-21 (KG/HA)
GR-L.2	TOTAL	29	0	4	2	0	0	15	12	0	0	3		-24
	POTA:	4	0	4	2	0	0	20	5	0	0	3		-22
	SPOT:	13	0	4	2	0	0	14	10	0	0	3		-21
	CASS:	4	0	4	2	0	0	15	24	0	0	3		-36
	OTHR:	2	0	4	2	0	0	3	2	0	0	3		-2
	VEGE:	4	0	4	2	0	0	20	15	0	0	3		-32
	FRUI:	1	0	4	2	0	0	2	1	0	0	3		0
	TOBA:	1	0	4	2	0	0	24	0	0	0	3		-21
GR-L.3	TOTAL	68	0	0	2	0	0	15	7	0	0	5		-25
	POTA:	9	0	0	2	0	0	20	3	0	0	4		-25
	SPOT:	30	0	0	2	0	0	14	6	0	0	4		-22
	CASS:	10	0	0	2	0	0	15	14	0	0	4		-31
	OTHR:	5	0	0	2	0	0	3	1	0	0	4		-6
	VEGE:	10	0	0	2	0	0	20	9	0	0	4		-31
	FRUI:	3	0	0	2	0	0	2	0	0	0	4		-4
	TOBA:	1	0	0	2	0	0	24	0	0	0	4		-26
GR-H.1	TOTAL	75	0	0	2	0	0	2	1	0	0	1		-2
	PLAN:	70	0	0	2	0	0	2	1	0	0	2		-3
	COFF:	5	0	0	2	0	0	5	1	0	0	2		-6

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PR	TOTAL	659	136	293	1354	0	0	5617	1524	0	0	10269	0	-15627
PR-L.1	TOTAL	333	0	1	2	0	0	9	1	0	0	19		-26
	MAIZ:	38	0	1	2	0	0	11	2	0	0	19		-29
	SORG:	77	0	2	2	0	0	16	4	0	0	19		-35
	PULS:	209	1	0	2	0	0	5	0	0	0	19		-21
	SOYB:	3	0	1	2	0	0	25	2	0	0	19		-43
	GROU:	6	0	1	2	0	0	11	2	0	0	19		-29
PR-L.2	TOTAL	39	0	2	2	0	0	16	7	0	0	12		-31
	POTA:	8	0	2	2	0	0	21	3	0	0	11		-31
	SPOT:	21	0	2	2	0	0	15	7	0	0	11		-29
	CASS:	8	0	2	2	0	0	15	14	0	0	11		-36
	VEGE:	1	0	2	2	0	0	17	8	0	0	11		-32
	FRUI:	1	0	2	2	0	0	2	1	0	0	11		-10
PR-L.3	TOTAL	93	0	0	2	0	0	16	5	0	0	15		-34
	POTA:	20	0	0	2	0	0	21	2	0	0	15		-36
	SPOT:	49	0	0	2	0	0	15	4	0	0	15		-32
	CASS:	18	0	0	2	0	0	15	9	0	0	15		-37
	VEGE:	3	0	0	2	0	0	17	5	0	0	15		-35
	FRUI:	3	0	0	2	0	0	2	0	0	0	15		-15
PR-H.1	TOTAL	194	0	0	2	0	0	3	1	0	0	11		-13
	PLAN:	160	0	0	2	0	0	2	2	0	0	11		-13
	COFF:	26	0	0	2	0	0	5	1	0	0	11		-15
	TEAS:	8	0	0	2	0	0	8	0	0	0	11		-17
NF	TOTAL	74	5	0	136	0	788	745	183	0	0	0	0	1
NF-L.1	TOTAL	74	0	0	2	0	11	10	2	0	0	0		1
	MAIZ:	10	0	0	2	0	6	7	1	0	0	0		0
	MILL:	3	0	0	2	0	8	8	1	0	0	0		0
	SORG:	40	0	0	2	0	10	10	2	0	0	0		0
	SPOT:	9	0	0	2	0	20	17	5	0	0	0		0
	CASS:	5	0	0	2	0	18	12	8	0	0	0		0
	PULS:	7	1	0	2	0	3	5	0	0	0	0		0
IR	TOTAL	1	0	0	2	0	3	33	6	0	0	0	0	-34
IR-L.1	TOTAL	1	0	0	2	0	3	33	6	0	0	0		-34
	RICE:	1	0	0	2	0	3	33	6	0	0	0		-34

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Table 159 The K20-balance per crop and Land Use System for Rwanda, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1109	100	3645	4408	0	1503	30772	12817	3489	0	24103	0	-61525 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	375	30	2558	1311	0	0	10083	6589	1026	0	3566	0	-17365 (TON/LWC)
GR-L.1 TOTAL	203	0	11	3	0	0	11	24	5	0	11		-37 (KG/HA)
WHEA:	3	0	11	3	0	0	7	24	5	0	11		-33 (KG/HA)
MAIZ:	29	0	12	3	0	0	7	28	5	0	11		-36 (KG/HA)
SORG:	64	0	17	3	0	0	6	39	7	0	11		-43 (KG/HA)
PULS:	91	0	6	3	0	0	15	13	3	0	11		-33 (KG/HA)
SOYB:	3	0	9	3	0	0	36	20	2	0	11		-57 (KG/HA)
GROU:	13	0	9	3	0	0	11	20	4	0	11		-34 (KG/HA)
GR-L.2 TOTAL	29	0	13	4	0	0	56	19	1	0	8		-67
POTA:	4	0	13	3	0	0	55	18	1	0	8		-66
SPOT:	13	0	13	3	0	0	67	15	1	0	8		-75
CASS:	4	0	13	3	0	0	70	12	1	0	8		-75
OTHR:	2	0	13	3	0	0	16	8	7	0	8		-23
VEGE:	4	0	13	3	0	0	30	45	0	0	8		-67
FRUI:	1	0	13	3	0	0	7	9	8	0	8		-16
TOBA:	1	0	13	3	0	0	113	0	0	0	8		-105
GR-L.3 TOTAL	68	0	0	4	0	0	56	11	0	0	12		-75
POTA:	9	0	0	3	0	0	55	11	0	0	11		-74
SPOT:	30	0	0	3	0	0	67	9	0	0	11		-84
CASS:	10	0	0	3	0	0	70	7	0	0	11		-85
OTHR:	5	0	0	3	0	0	16	5	0	0	11		-29
VEGE:	10	0	0	3	0	0	30	27	0	0	11		-65
FRUI:	3	0	0	3	0	0	7	5	1	0	11		-21
TOBA:	1	0	0	3	0	0	113	0	0	0	11		-121
GR-H.1 TOTAL	75	0	0	3	0	0	33	6	0	0	4		-40
PLAN:	70	0	0	3	0	0	34	6	0	0	4		-41
COFF:	5	0	0	3	0	0	16	1	1	0	4		-19

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PR	TOTAL	659	70	1087	2811	0	0	19381	5762	2396	0	20537	0	-44108
PR-L.1	TOTAL	333	0	3	4	0	0	8	6	6	0	37		-50
	MAIZ:	38	0	4	4	0	0	7	9	6	0	38		-52
	SORG:	77	0	6	4	0	0	6	13	5	0	38		-52
	PULS:	209	0	1	4	0	0	9	3	7	0	38		-52
	SOYB:	3	0	2	4	0	0	24	5	5	0	38		-66
	GROU:	6	0	2	4	0	0	8	5	7	0	38		-52
PR-L.2	TOTAL	39	0	6	4	0	0	67	10	1	0	23		-91
	POTA:	8	0	6	4	0	0	58	11	1	0	23		-83
	SPOT:	21	0	6	4	0	0	72	10	1	0	23		-96
	CASS:	8	0	6	4	0	0	68	7	2	0	23		-90
	VEGE:	1	0	6	4	0	0	25	23	1	0	23		-62
	FRUI:	1	0	6	4	0	0	10	8	7	0	23		-38
PR-L.3	TOTAL	93	0	0	4	0	0	65	7	0	0	30		-98
	POTA:	20	0	0	4	0	0	58	8	0	0	30		-92
	SPOT:	49	0	0	4	0	0	72	6	0	0	30		-104
	CASS:	18	0	0	4	0	0	68	5	0	0	30		-99
	VEGE:	3	0	0	4	0	0	25	15	0	0	30		-66
	FRUI:	3	0	0	4	0	0	10	5	5	0	30		-46
PR-H.1	TOTAL	194	0	0	4	0	0	41	15	1	0	22		-75
	PLAN:	160	0	0	4	0	0	46	17	0	0	23		-82
	COFF:	26	0	0	4	0	0	16	2	6	0	23		-43
	TEAS:	8	0	0	4	0	0	14	0	7	0	23		-40
NF	TOTAL	74	0	0	282	0	1498	1291	422	67	0	0	0	0
NF-L.1	TOTAL	74	0	0	4	0	20	17	6	1	0	0		0
	MAIZ:	10	0	0	4	0	6	4	4	2	0	0		0
	MILL:	3	0	0	4	0	9	4	9	0	0	0		0
	SORG:	40	0	0	4	0	7	4	6	1	0	0		0
	SPOT:	9	0	0	4	0	87	84	7	0	0	0		0
	CASS:	5	0	0	4	0	56	56	4	0	0	0		0
	PULS:	7	0	0	4	0	10	9	2	2	0	0		0
IR	TOTAL	1	0	0	4	0	5	17	44	0	0	0	0	-52
IR-L.1	TOTAL	1	0	0	4	0	5	17	44	0	0	0		-52
	RICE:	1	0	0	4	0	5	17	44	0	0	0		-52

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Table 160 The N-balance per crop and Land Use System for Rwanda, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1273	1997	2911	6402	14894	3020	43070	10384	3810	13207	35690	0	-76937 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	450	683	2116	1994	5332	0	18307	6121	765	2909	5595	0	-23572 (TON/LWC)
GR-L.1 TOTAL	244	1	8	4	20	0	35	17	2	8	15		-44 (KG/HA)
WHEA:	5	0	1	4	2	0	18	3	3	9	15		-41 (KG/HA)
MAIZ:	37	1	6	4	2	0	27	14	3	8	15		-54 (KG/HA)
SORG:	75	2	10	4	2	0	33	23	2	8	15		-63 (KG/HA)
PULS:	105	2	6	4	31	0	32	12	2	8	15		-26 (KG/HA)
SOYB:	5	0	15	4	103	0	124	33	0	3	15		-53 (KG/HA)
GROU:	17	0	10	4	53	0	56	22	0	5	15		-31 (KG/HA)
GR-L.2 TOTAL	32	2	8	4	2	0	78	23	0	4	10		-99
POTA:	4	3	8	4	2	0	90	23	0	0	10		-106
SPOT:	13	1	8	4	2	0	62	14	0	4	10		-75
CASS:	6	2	8	4	2	0	69	56	0	3	10		-122
OTHR:	2	0	8	4	2	0	42	9	2	7	10		-56
VEGE:	5	4	8	4	2	0	142	25	0	3	10		-162
FRUI:	1	0	8	4	2	0	14	6	5	10	10		-31
TOBA:	1	0	8	4	2	0	123	0	0	1	10		-120
GR-L.3 TOTAL	74	2	0	4	2	0	79	14	0	3	15		-103
POTA:	9	3	0	4	2	0	90	14	0	3	15		-113
SPOT:	31	1	0	4	2	0	62	8	0	2	15		-80
CASS:	13	2	0	4	2	0	69	33	0	3	15		-112
OTHR:	4	0	0	4	2	0	42	5	0	5	15		-61
VEGE:	12	4	0	4	2	0	142	15	0	3	15		-165
FRUI:	3	0	0	4	2	0	14	4	2	8	15		-37
TOBA:	2	0	0	4	2	0	123	0	0	3	15		-135
GR-H.1 TOTAL	100	2	0	4	2	0	15	2	2	7	5		-23
PLAN:	91	2	0	4	2	0	13	2	2	7	5		-21
COFF:	9	0	0	4	2	0	35	0	1	7	5		-42

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PR	TOTAL	738	1205	795	3997	9183	0	22156	3809	2915	9498	30095	0	-53293
PR-L.1	TOTAL	349	2	2	5	21	0	26	4	4	14	50		-68
	MAIZ:	46	1	2	5	5	0	25	4	4	14	50		-84
	SORG:	67	2	3	5	5	0	29	7	3	13	50		-87
	PULS:	222	2	1	5	27	0	24	3	5	14	50		-61
	SOYB:	5	0	3	5	61	0	68	6	0	9	50		-64
	GROU:	9	0	3	5	46	0	45	6	2	11	50		-60
PR-L.2	TOTAL	43	1	3	5	5	0	67	16	1	8	30		-108
	POTA:	8	3	4	5	5	0	44	7	3	12	30		-79
	SPOT:	22	1	4	5	5	0	68	9	0	8	30		-100
	CASS:	10	2	4	5	5	0	82	40	0	3	30		-139
	VEGE:	2	4	4	5	5	0	108	12	0	5	30		-137
	FRUI:	1	0	4	5	5	0	16	4	5	15	30		-56
PR-L.3	TOTAL	101	1	0	5	5	0	67	11	0	7	40		-114
	POTA:	18	3	0	5	5	0	44	5	2	11	40		-89
	SPOT:	52	1	0	5	5	0	68	6	0	7	40		-110
	CASS:	24	2	0	5	5	0	82	27	0	3	40		-140
	VEGE:	4	4	0	5	5	0	108	8	0	4	40		-146
	FRUI:	3	0	0	5	5	0	16	3	4	14	40		-67
PR-H.1	TOTAL	245	2	0	5	5	0	14	3	5	15	30		-55
	PLAN:	196	2	0	5	5	0	9	3	6	15	30		-51
	COFF:	41	0	0	5	5	0	24	1	5	14	30		-64
	TEAS:	8	13	0	5	5	0	70	0	4	14	30		-95
NF	TOTAL	82	109	0	397	313	2990	2475	423	130	781	0	0	0
NF-L.1	TOTAL	82	1	0	5	4	36	30	5	2	10	0		-1
	RICE:	2	0	0	5	22	0	8	2	4	13	0		0
	MAIZ:	14	1	0	5	2	32	24	3	2	11	0		0
	MILL:	4	0	0	5	2	26	15	4	2	11	0		0
	SORG:	40	2	0	5	2	31	23	4	2	11	0		0
	SPOT:	10	1	0	5	2	71	67	6	0	5	0		0
	CASS:	6	2	0	5	2	72	58	19	0	3	0		0
	PULS:	6	2	0	5	20	10	20	2	3	12	0		0
IR	TOTAL	3	0	0	14	66	30	132	31	0	19	0	0	-72
IR-L.1	TOTAL	3	0	0	5	22	10	44	10	0	6	0		-23
	RICE:	3	0	0	5	22	10	44	10	0	6	0		-23

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Table 161 The P205-balance per crop and Land Use System for Rwanda, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1273	700	1648	2423	0	1599	18559	6868	0	0	12964	0	-32021 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	450	231	1245	755	0	0	7977	4047	0	0	1678	0	-11471 (TON/LWC)
GR-L.1 TOTAL	244	1	5	2	0	0	19	10	0	0	4		-25 (KG/HA)
WHEA:	5	0	1	2	0	0	8	2	0	0	4		-11 (KG/HA)
MAIZ:	37	0	3	2	0	0	15	7	0	0	4		-21 (KG/HA)
SORG:	75	1	10	2	0	0	29	23	0	0	4		-43 (KG/HA)
PULS:	105	2	1	2	0	0	12	3	0	0	4		-14 (KG/HA)
SOYB:	5	0	5	2	0	0	50	11	0	0	4		-58 (KG/HA)
GROU:	17	0	4	2	0	0	21	9	0	0	4		-28 (KG/HA)
GR-L.2 TOTAL	32	0	4	2	0	0	27	19	0	0	3		-43
POTA:	4	0	4	2	0	0	61	16	0	0	3		-74
SPOT:	13	0	4	2	0	0	23	17	0	0	3		-37
CASS:	6	0	4	2	0	0	18	29	0	0	3		-44
OTHR:	2	0	4	2	0	0	6	5	0	0	3		-8
VEGE:	5	0	4	2	0	0	33	25	0	0	3		-55
FRUI:	1	0	4	2	0	0	3	2	0	0	3		-2
TOBA:	1	0	4	2	0	0	41	0	0	0	3		-38
GR-L.3 TOTAL	74	0	0	2	0	0	27	11	0	0	5		-41
POTA:	9	0	0	2	0	0	61	10	0	0	4		-73
SPOT:	31	0	0	2	0	0	23	10	0	0	4		-35
CASS:	13	0	0	2	0	0	18	17	0	0	4		-37
OTHR:	4	0	0	2	0	0	6	3	0	0	4		-11
VEGE:	12	0	0	2	0	0	33	15	0	0	4		-50
FRUI:	3	0	0	2	0	0	3	1	0	0	4		-6
TOBA:	2	0	0	2	0	0	41	0	0	0	4		-43
GR-H.1 TOTAL	100	0	0	2	0	0	4	1	0	0	1		-4
PLAN:	91	0	0	2	0	0	4	1	0	0	2		-5
COFF:	9	0	0	2	0	0	6	1	0	0	2		-7

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PR	TOTAL	738	438	403	1513	0	0	9058	2469	0	0	11286	0	-20459
PR-L.1	TOTAL	349	1	1	2	0	0	13	2	0	0	19		-30
	MAIZ:	46	0	1	2	0	0	14	2	0	0	19		-32
	SORG:	67	1	3	2	0	0	25	7	0	0	19		-45
	PULS:	222	2	0	2	0	0	9	1	0	0	19		-25
	SOYB:	5	0	1	2	0	0	28	2	0	0	19		-46
	GROU:	9	0	1	2	0	0	16	2	0	0	19		-34
PR-L.2	TOTAL	43	0	2	2	0	0	25	12	0	0	11		-44
	POTA:	8	0	2	2	0	0	30	5	0	0	11		-42
	SPOT:	22	0	2	2	0	0	26	12	0	0	11		-45
	CASS:	10	0	2	2	0	0	22	21	0	0	11		-50
	VEGE:	2	0	2	2	0	0	25	12	0	0	11		-44
	FRUI:	1	0	2	2	0	0	4	1	0	0	11		-12
PR-L.3	TOTAL	101	0	0	2	0	0	25	8	0	0	15		-46
	POTA:	18	0	0	2	0	0	30	3	0	0	15		-46
	SPOT:	52	0	0	2	0	0	26	8	0	0	15		-47
	CASS:	24	0	0	2	0	0	22	14	0	0	15		-49
	VEGE:	4	0	0	2	0	0	25	8	0	0	15		-46
	FRUI:	3	0	0	2	0	0	4	1	0	0	15		-18
PR-H.1	TOTAL	245	0	0	2	0	0	3	2	0	0	11		-14
	PLAN:	196	0	0	2	0	0	3	2	0	0	11		-14
	COFF:	41	0	0	2	0	0	4	1	0	0	11		-14
	TEAS:	8	0	0	2	0	0	17	0	0	0	11		-26
NF	TOTAL	82	31	0	150	0	1590	1435	336	0	0	0	0	0
NF-L.1	TOTAL	82	0	0	2	0	19	17	4	0	0	0		0
	RICE:	2	0	0	2	0	5	5	1	0	0	0		0
	MAIZ:	14	0	0	2	0	13	13	2	0	0	0		0
	MILL:	4	0	0	2	0	11	11	2	0	0	0		0
	SORG:	40	1	0	2	0	22	20	4	0	0	0		0
	SPOT:	10	0	0	2	0	31	25	8	0	0	0		0
	CASS:	6	0	0	2	0	23	15	10	0	0	0		0
	PULS:	6	2	0	2	0	5	8	0	0	0	0		0
IR	TOTAL	3	0	0	5	0	9	89	16	0	0	0	0	-91
IR-L.1	TOTAL	3	0	0	2	0	3	30	5	0	0	0		-30
	RICE:	3	0	0	2	0	3	30	5	0	0	0		-30

Rwanda

Table 162 The K20-balance per crop and Land Use System for Rwanda, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1273	400	6055	5030	0	2694	54615	22488	3554	0	26768	0	-93246 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	450	130	4490	1566	0	0	21478	12923	1363	0	4196	0	-33774 (TON/LWC)
GR-L.1 TOTAL	244	0	17	3	0	0	16	37	6	0	11		-50 (KG/HA)
WHEA:	5	0	9	3	0	0	6	19	5	0	11		-29 (KG/HA)
MAIZ:	37	0	15	3	0	0	9	34	6	0	11		-42 (KG/HA)
SORG:	75	0	31	3	0	0	10	68	9	0	11		-64 (KG/HA)
PULS:	105	0	8	3	0	0	21	19	3	0	11		-43 (KG/HA)
SOYB:	5	0	12	3	0	0	48	27	1	0	11		-72 (KG/HA)
GROU:	17	0	12	3	0	0	15	27	5	0	11		-43 (KG/HA)
GR-L.2 TOTAL	32	1	13	3	0	0	98	33	0	0	7		-121
POTA:	4	0	13	3	0	0	169	55	0	0	8		-216
SPOT:	13	1	13	3	0	0	114	25	0	0	8		-130
CASS:	6	2	13	3	0	0	84	15	0	0	8		-89
OTHR:	2	0	13	3	0	0	32	17	4	0	8		-45
VEGE:	5	0	13	3	0	0	49	74	0	0	8		-115
FRUI:	1	0	13	3	0	0	17	20	4	0	8		-33
TOBA:	1	0	13	3	0	0	192	0	0	0	8		-184
GR-L.3 TOTAL	74	1	0	3	0	0	99	20	0	0	11		-126
POTA:	9	0	0	3	0	0	169	33	0	0	11		-210
SPOT:	31	1	0	3	0	0	114	15	0	0	11		-136
CASS:	13	2	0	3	0	0	84	9	0	0	11		-99
OTHR:	4	0	0	3	0	0	32	10	0	0	11		-50
VEGE:	12	0	0	3	0	0	49	45	0	0	11		-102
FRUI:	3	0	0	3	0	0	17	12	0	0	11		-37
TOBA:	2	0	0	3	0	0	192	0	0	0	11		-200
GR-H.1 TOTAL	100	1	0	3	0	0	71	13	0	0	4		-84
PLAN:	91	1	0	3	0	0	76	14	0	0	4		-90
COFF:	9	0	0	3	0	0	20	1	1	0	4		-23

Rwanda

PR	TOTAL	738	252	1565	3141	0	0	30928	8609	2182	0	22572	0	-59333
PR-L.1	TOTAL	349	0	4	4	0	0	14	8	5	0	37		-56
	MAIZ:	46	0	5	4	0	0	9	11	6	0	38		-55
	SORG:	67	0	9	4	0	0	9	20	4	0	38		-58
	PULS:	222	0	2	4	0	0	16	5	6	0	38		-59
	SOYB:	5	0	2	4	0	0	26	5	5	0	38		-68
	GROU:	9	0	3	4	0	0	12	7	6	0	38		-56
PR-L.2	TOTAL	43	1	5	4	0	0	105	16	0	0	22		-133
	POTA:	8	0	6	4	0	0	82	16	0	0	23		-111
	SPOT:	22	1	6	4	0	0	125	17	0	0	23		-154
	CASS:	10	2	6	4	0	0	100	11	0	0	23		-122
	VEGE:	2	0	6	4	0	0	37	34	0	0	23		-84
	FRUI:	1	0	6	4	0	0	20	15	4	0	23		-52
PR-L.3	TOTAL	101	1	0	4	0	0	104	10	0	0	30		-139
	POTA:	18	0	0	4	0	0	82	11	0	0	30		-119
	SPOT:	52	1	0	4	0	0	125	11	0	0	30		-161
	CASS:	24	2	0	4	0	0	100	7	0	0	30		-131
	VEGE:	4	0	0	4	0	0	37	23	0	0	30		-86
	FRUI:	3	0	0	4	0	0	20	10	1	0	30		-57
PR-H.1	TOTAL	245	1	0	4	0	0	45	16	1	0	22		-79
	PLAN:	196	1	0	4	0	0	52	20	0	0	23		-90
	COFF:	41	0	0	4	0	0	14	2	6	0	23		-41
	TEAS:	8	0	0	4	0	0	32	0	5	0	23		-56
NF	TOTAL	82	18	0	312	0	2679	2162	838	9	0	0	0	0
NF-L.1	TOTAL	82	0	0	4	0	33	26	10	0	0	0		1
	RICE:	2	0	0	4	0	7	3	7	0	0	0		0
	MAIZ:	14	0	0	4	0	12	8	8	0	0	0		0
	MILL:	4	0	0	4	0	14	5	12	0	0	0		0
	SORG:	40	0	0	4	0	16	7	13	0	0	0		0
	SPOT:	10	1	0	4	0	130	123	11	0	0	0		0
	CASS:	6	2	0	4	0	70	71	5	0	0	0		0
	PULS:	6	0	0	4	0	14	13	3	1	0	0		0
IR	TOTAL	3	0	0	11	0	15	47	118	0	0	0	0	-139
IR-L.1	TOTAL	3	0	0	4	0	5	16	39	0	0	0		-46
	RICE:	3	0	0	4	0	5	16	39	0	0	0		-46

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Table 163 The N-balance per crop and Land Use System for Senegal, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5235	8804	7522	9538	37335	1256	43374	18473	9788	21220	41075	5554	-63921 (TON/CTY)
LR TOTAL	1100	603	1567	1602	5615	0	5903	3482	1582	2771	5720	1056	-9015 (TON/LWC)
LR-L.1 TOTAL	572	1	3	3	10	0	10	6	3	5	10		-17 (KG/HA)
MILL:	286	0	3	3	3	0	6	6	3	5	10		-21 (KG/HA)
GROU:	286	2	3	3	17	0	15	6	2	5	10		-13 (KG/HA)
FALLOW:	528											2	(KG/HA)
UR TOTAL	3189	3296	5955	6027	26194	0	29271	13330	5654	12725	29130	3508	-45130
UR-L.1 TOTAL	527	1	3	4	4	0	12	7	4	9	20		-40
MAIZ:	25	2	2	4	4	0	15	5	4	9	20		-41
MILL:	500	1	3	4	4	0	12	7	4	9	20		-40
OTHC:	2	0	0	4	4	0	0	0	5	10	20		-27
UR-L.2 TOTAL	865	2	5	4	28	0	26	11	4	8	20		-30
PULS:	9	0	1	4	8	0	4	2	5	10	20		-28
GROU:	856	2	5	4	28	0	26	11	4	8	20		-30
UR-L.3 TOTAL	13	3	0	4	4	0	15	7	3	8	30		-52
SPOT:	1	0	0	4	4	0	22	5	2	7	30		-58
CASS:	7	0	0	4	4	0	12	10	2	7	30		-53
VEGE:	2	1	0	4	4	0	25	4	2	7	30		-59
FRUI:	3	10	0	4	4	0	11	5	6	11	30		-45
UR-L.4 TOTAL	30	25	0	4	4	0	21	0	9	32	30		-59
COTT:	30	25	0	4	4	0	21	0	9	32	30		-59
FALLOW:	1754											2	
GR TOTAL	298	1468	0	737	2150	0	3371	1138	884	1993	4480	292	-7219
GR-L.1 TOTAL	85	5	0	5	5	0	16	4	5	12	30		-52
MAIZ:	50	7	0	5	5	0	18	4	5	12	30		-52
MILL:	35	2	0	5	5	0	12	4	5	11	30		-50
GR-L.2 TOTAL	51	8	0	5	32	0	30	15	4	11	30		-45
GROU:	51	8	0	5	32	0	30	15	4	11	30		-45

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GR-L.3 TOTAL	1	0	0	5	5	0	29	4	2	9	20		-54
POTA:	1	0	0	5	5	0	29	4	2	9	20		-54
GR-L.4 TOTAL	3	0	0	5	5	0	85	8	0	1	10		-94
COCN:	3	0	0	5	5	0	85	8	0	1	10		-94
GR-H.1 TOTAL	1	67	0	5	5	0	15	1	24	30	20		-13
FRUI:	1	67	0	5	5	0	15	1	24	30	20		-13
GR-H.2 TOTAL	11	50	0	5	5	0	21	0	18	37	30		-46
COTT:	11	50	0	5	5	0	21	0	18	37	30		-46
FALLOW:	146											2	
PR TOTAL	489	853	0	739	1913	0	2039	350	725	1197	1745	626	-1925
PR-L.1 TOTAL	173	5	0	4	11	0	12	2	4	7	10		-15
RICE:	11	12	0	4	5	0	12	3	6	9	10		-19
MILL:	99	2	0	4	5	0	8	2	4	6	10		-19
PULS:	3	0	0	4	9	0	4	0	4	7	10		-12
GROU:	60	8	0	4	22	0	19	2	4	7	10		-8
PR-L.2 TOTAL	3	0	0	4	5	0	8	2	3	6	5		-15
PALM:	3	0	0	4	5	0	8	2	3	6	5		-15
FALLOW:	313											2	
NF TOTAL	20	121	0	80	216	226	234	27	90	292	0	0	0
NF-L.1 TOTAL	18	7	0	4	12	13	13	1	5	16	0		1
RICE:	9	12	0	4	22	3	16	2	6	17	0		0
MILL:	6	2	0	4	2	22	10	1	4	16	0		0
OTHC:	3	0	0	4	2	24	10	1	4	15	0		0
FALLOW:	2											2	
IR TOTAL	139	2463	0	353	1247	1030	2556	146	853	2242	0	72	-632
IR-H.1 TOTAL	70	35	0	3	14	10	34	1	10	24	0		-7
RICE:	43	18	0	3	22	10	24	1	6	20	0		2
CANE:	6	233	0	3	2	10	59	1	66	80	0		42
VEGE:	14	7	0	3	2	10	61	1	0	12	0		-52
BANA:	1	0	0	3	2	10	7	0	3	17	0		-12
CITR:	4	25	0	3	2	10	9	0	11	25	0		-5
FRUI:	2	50	0	3	2	10	29	1	14	28	0		-7

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IR-H. 2 TOTAL	33	:	0	0	3	7	10	:	6	2	4	18	0	:	:	-10

PULS:	33	:	0	0	3	7	10	:	6	2	4	18	0	:	:	-10
IR-H. 3 TOTAL	0	:	0	0	0	0	0	:	0	0	0	0	0	:	:	0

FALLOW:	36	:						:						:	2	:

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Table 164 The P205-balance per crop and Land Use System for Senegal, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5235	11705	3101	3611	0	342	20314	7666	0	0	14843	5554	-18510 (TON/CTY)
LR TOTAL	1100	1037	640	606	0	0	2743	1423	0	0	1716	1056	-2543 (TON/LWC)
LR-L.1 TOTAL	572	2	1	1	0	0	5	2	0	0	3		-6 (KG/HA)
MILL:	286	1	1	1	0	0	4	2	0	0	3		-6 (KG/HA)
GROU:	286	3	1	1	0	0	5	3	0	0	3		-6 (KG/HA)
FALLOW:	528											2	(KG/HA)
UR TOTAL	3189	5097	2461	2282	0	0	13327	5524	0	0	10924	3508	-16427
UR-L.1 TOTAL	527	1	1	2	0	0	8	3	0	0	7		-14
MAIZ:	25	2	1	2	0	0	8	3	0	0	8		-14
MILL:	500	1	1	2	0	0	8	3	0	0	8		-15
OTHC:	2	0	0	2	0	0	0	0	0	0	8		-6
UR-L.2 TOTAL	865	5	2	2	0	0	10	5	0	0	7		-13
PULS:	9	0	0	2	0	0	2	0	0	0	8		-8
GROU:	856	5	2	2	0	0	10	5	0	0	8		-14
UR-L.3 TOTAL	13	3	0	2	0	0	4	4	0	0	11		-14
SPOT:	1	0	0	2	0	0	8	6	0	0	11		-23
CASS:	7	0	0	2	0	0	3	5	0	0	11		-17
VEGE:	2	1	0	2	0	0	6	4	0	0	11		-18
FRUI:	3	10	0	2	0	0	3	1	0	0	11		-3
UR-L.4 TOTAL	30	21	0	2	0	0	24	0	0	0	11		-12
COTT:	30	21	0	2	0	0	24	0	0	0	11		-12
FALLOW:	1754											2	
GR TOTAL	298	1766	0	279	0	0	1725	490	0	0	1680	292	-1558
GR-L.1 TOTAL	85	5	0	2	0	0	9	2	0	0	11		-15
MAIZ:	50	7	0	2	0	0	10	2	0	0	11		-14
MILL:	35	3	0	2	0	0	8	2	0	0	11		-16
GR-L.2 TOTAL	51	16	0	2	0	0	11	6	0	0	11		-10
GROU:	51	16	0	2	0	0	11	6	0	0	11		-10

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GR-L.3 TOTAL	1	0	0	2	0	0	19	3	0	0	7		-27
POTA:	1	0	0	2	0	0	20	3	0	0	8		-29
GR-L.4 TOTAL	3	0	0	2	0	0	23	4	0	0	4		-29
COCN:	3	0	0	2	0	0	23	4	0	0	4		-29
GR-H.1 TOTAL	1	67	0	2	0	0	4	0	0	0	7		58
FRUI:	1	67	0	2	0	0	4	0	0	0	8		57
GR-H.2 TOTAL	11	42	0	2	0	0	24	0	0	0	11		9
COTT:	11	42	0	2	0	0	24	0	0	0	11		9
FALLOW:	146											2	
PR TOTAL	489	1306	0	280	0	0	1057	145	0	0	523	626	487
PR-L.1 TOTAL	173	8	0	2	0	0	6	1	0	0	3		0
RICE:	11	11	0	2	0	0	8	1	0	0	3		1
MILL:	99	3	0	2	0	0	5	1	0	0	3		-4
PULS:	3	0	0	2	0	0	2	0	0	0	3		-3
GROU:	60	16	0	2	0	0	7	1	0	0	3		7
PR-L.2 TOTAL	3	0	0	2	0	0	4	1	0	0	1		-4
PALM:	3	0	0	2	0	0	4	1	0	0	2		-5
FALLOW:	313											2	
NF TOTAL	20	112	0	30	0	33	158	13	0	0	0	0	4
NF-L.1 TOTAL	18	6	0	2	0	2	9	1	0	0	0		0
RICE:	9	11	0	2	0	0	11	1	0	0	0		1
MILL:	6	3	0	2	0	3	7	0	0	0	0		0
OTHC:	3	0	0	2	0	5	6	0	0	0	0		0
FALLOW:	2											2	
IR TOTAL	139	2387	0	134	0	309	1304	71	0	0	0	72	1527
IR-H.1 TOTAL	70	34	0	1	0	3	18	1	0	0	0		19
RICE:	43	16	0	1	0	3	16	0	0	0	0		4
CANE:	6	250	0	1	0	3	49	3	0	0	0		202
VEGE:	14	7	0	1	0	3	14	1	0	0	0		-4
BANA:	1	0	0	1	0	3	4	0	0	0	0		0
CITR:	4	0	0	1	0	3	2	0	0	0	0		2
FRUI:	2	50	0	1	0	3	7	0	0	0	0		47

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IR-H.2 TOTAL	33	:	0	0	1	0	3	:	2	1	0	0	0	:		:	1

PULS:	33	:	0	0	1	0	3	:	2	1	0	0	0	:		:	1

IR-H.3 TOTAL	0	:	0	0	0	0	0	:	0	0	0	0	0	:		:	0

FALLOW:	36	:						:						:		:	2

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Table 165 The K20-balance per crop and Land Use System for Senegal, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5235	7298	13956	7494	0	614	13814	34370	14458	0	30806	2777	-61309 (TON/CTY)
LR TOTAL	1100	491	3378	1258	0	0	1679	7507	1881	0	4290	528	-9702 (TON/LWC)
LR-L.1 TOTAL	572	1	6	2	0	0	3	13	3	0	7		-17 (KG/HA)
MILL:	286	0	8	2	0	0	2	19	4	0	8		-23 (KG/HA)
GROU:	286	2	3	2	0	0	4	8	3	0	8		-16 (KG/HA)
FALLOW:	528											1	(KG/HA)
UR TOTAL	3189	2475	10578	4735	0	0	8530	23609	9803	0	21847	1754	-44247
UR-L.1 TOTAL	527	0	10	3	0	0	4	23	5	0	15		-34
MAIZ:	25	1	6	3	0	0	5	13	5	0	15		-28
MILL:	500	0	10	3	0	0	4	23	5	0	15		-34
OTHC:	2	0	0	3	0	0	0	0	5	0	15		-17
UR-L.2 TOTAL	865	2	6	3	0	0	7	13	7	0	15		-31
PULS:	9	0	1	3	0	0	3	3	5	0	15		-22
GROU:	856	2	6	3	0	0	7	14	7	0	15		-32
UR-L.3 TOTAL	13	3	0	3	0	0	15	8	3	0	22		-42
SPOT:	1	0	0	3	0	0	40	9	0	0	23		-69
CASS:	7	0	0	3	0	0	15	3	3	0	23		-41
VEGE:	2	1	0	3	0	0	9	13	2	0	23		-43
FRUI:	3	10	0	3	0	0	13	16	6	0	23		-45
UR-L.4 TOTAL	30	10	0	3	0	0	12	0	26	0	22		-47
COTT:	30	10	0	3	0	0	12	0	26	0	23		-48
FALLOW:	1754											1	
GR TOTAL	298	794	0	579	0	0	1102	1933	1025	0	3360	146	-5901
GR-L.1 TOTAL	85	1	0	4	0	0	5	11	3	0	22		-36
MAIZ:	50	2	0	4	0	0	6	9	4	0	23		-36
MILL:	35	1	0	4	0	0	4	14	2	0	23		-38
GR-L.2 TOTAL	51	8	0	4	0	0	8	18	8	0	22		-44
GROU:	51	8	0	4	0	0	8	18	8	0	23		-45

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GR-L.3 TOTAL	1	0	0	4	0	0	54	11	0	0	15		-76
POTA:	1	0	0	4	0	0	54	11	0	0	15		-76
GR-L.4 TOTAL	3	0	0	4	0	0	17	9	1	0	7		-30
COCN:	3	0	0	4	0	0	17	9	1	0	8		-31
GR-H.1 TOTAL	1	67	0	4	0	0	18	4	34	0	15		0
FRUI:	1	67	0	4	0	0	18	4	34	0	15		0
GR-H.2 TOTAL	11	19	0	4	0	0	12	0	29	0	22		-40
COTT:	11	19	0	4	0	0	12	0	29	0	23		-41
FALLOW:	146											1	
PR TOTAL	489	2176	0	581	0	0	644	881	1185	0	1309	313	-949
PR-L.1 TOTAL	173	3	0	3	0	0	3	5	2	0	7		-11
RICE:	11	4	0	3	0	0	4	10	0	0	8		-15
MILL:	99	1	0	3	0	0	3	6	0	0	8		-13
PULS:	3	0	0	3	0	0	3	1	3	0	8		-12
GROU:	60	8	0	3	0	0	5	2	6	0	8		-10
PR-L.2 TOTAL	3	533	0	3	0	0	13	3	267	0	4		249
PALM:	3	533	0	3	0	0	13	3	267	0	4		249
FALLOW:	313											1	
NF TOTAL	20	36	0	63	0	99	82	95	20	0	0	0	1
NF-L.1 TOTAL	18	2	0	3	0	5	5	5	1	0	0		-1
RICE:	9	4	0	3	0	6	6	7	0	0	0		0
MILL:	6	1	0	3	0	5	3	4	2	0	0		0
OTHC:	3	0	0	3	0	5	3	2	3	0	0		0
FALLOW:	2											1	
IR TOTAL	139	1326	0	278	0	515	1777	345	544	0	0	36	-511
IR-H.1 TOTAL	70	19	0	3	0	5	24	3	6	0	0		-6
RICE:	43	5	0	3	0	5	9	4	0	0	0		0
CANE:	6	150	0	3	0	5	137	2	62	0	0		-43
VEGE:	14	7	0	3	0	5	21	3	0	0	0		-9
BANA:	1	0	0	3	0	5	32	4	0	0	0		-28
CITR:	4	0	0	3	0	5	14	1	1	0	0		-8
FRUI:	2	50	0	3	0	5	35	4	18	0	0		1

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IR-H.2 TOTAL	33	:	0	0	3	0	5	:	4	4	4	0	0	:	:	-4

PULS:	33	:	0	0	3	0	5	:	4	4	4	0	0	:	:	-4

IR-H.3 TOTAL	0	:	0	0	0	0	0	:	0	0	0	0	0	:	:	0

FALLOW:	36	:						:						:	1	:

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Table 166 The N-balance per crop and Land Use System for Senegal, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5720	25606	14161	12575	59606	1913	79164	34087	14471	29638	53360	4956	-91902 (TON/CTY)
LR TOTAL	1233	1872	2857	2002	7990	0	9951	6350	2075	3562	7150	1036	-13331 (TON/LWC)
LR-L.1 TOTAL	715	3	4	3	11	0	14	9	3	5	10		-20 (KG/HA)
MILL:	372	2	4	3	3	0	10	10	3	5	10		-26 (KG/HA)
GROU:	343	3	4	3	20	0	19	8	2	5	10		-14 (KG/HA)
FALLOW:	518											2	(KG/HA)
UR TOTAL	3444	8893	11304	8245	44211	0	54439	25280	7436	17126	39840	2962	-68506
UR-L.1 TOTAL	709	4	5	4	4	0	19	12	4	8	20		-46
MAIZ:	53	6	3	4	4	0	18	6	5	9	20		-41
MILL:	654	4	6	4	4	0	19	12	4	8	20		-45
OTHC:	2	0	1	4	4	0	5	2	5	9	20		-32
UR-L.2 TOTAL	1196	4	6	4	34	0	33	14	4	8	20		-31
PULS:	12	0	1	4	8	0	4	2	5	10	20		-28
GROU:	1184	4	6	4	35	0	33	14	3	8	20		-29
UR-L.3 TOTAL	16	7	0	4	4	0	21	10	3	8	30		-57
SPOT:	2	0	0	4	4	0	27	6	2	6	30		-63
CASS:	7	0	0	4	4	0	18	15	1	5	30		-61
VEGE:	3	2	0	4	4	0	33	6	2	6	30		-67
FRUI:	4	26	0	4	4	0	15	7	10	15	30		-43
UR-L.4 TOTAL	42	27	0	4	4	0	21	0	10	32	30		-58
COTT:	42	27	0	4	4	0	21	0	10	32	30		-58
FALLOW:	1481											2	
GR TOTAL	324	2429	0	660	1873	0	4542	1344	884	1834	3960	376	-7226
GR-L.1 TOTAL	88	17	0	5	5	0	29	7	6	13	30		-58
MAIZ:	64	19	0	5	5	0	30	6	7	13	30		-57
MILL:	24	12	0	5	5	0	25	10	5	11	30		-59
GR-L.2 TOTAL	35	14	0	5	39	0	37	19	5	11	30		-44
GROU:	35	14	0	5	39	0	37	19	5	11	30		-44

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Table 167 The P205-balance per crop and Land Use System for Senegal, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5720	33001	5829	4760	0	505	38096	14142	0	0	19293	4956	-22479 (TON/CTY)
LR TOTAL	1233	2944	1162	758	0	0	4898	2583	0	0	2145	1036	-3726 (TON/LWC)
LR-L.1 TOTAL	715	4	2	1	0	0	7	4	0	0	3		-7 (KG/HA)
MILL:	372	3	2	1	0	0	7	4	0	0	3		-8 (KG/HA)
GROU:	343	5	1	1	0	0	7	3	0	0	3		-6 (KG/HA)
FALLOW:	518											2	(KG/HA)
UR TOTAL	3444	13847	4667	3121	0	0	25249	10463	0	0	14940	2962	-26055
UR-L.1 TOTAL	709	4	2	2	0	0	13	5	0	0	7		-17
MAIZ:	53	5	1	2	0	0	10	3	0	0	8		-13
MILL:	654	4	2	2	0	0	14	5	0	0	8		-19
OTHC:	2	0	0	2	0	0	3	1	0	0	8		-10
UR-L.2 TOTAL	1196	8	3	2	0	0	12	6	0	0	7		-12
PULS:	12	0	0	2	0	0	2	0	0	0	8		-8
GROU:	1184	8	3	2	0	0	12	6	0	0	8		-13
UR-L.3 TOTAL	16	6	0	2	0	0	6	6	0	0	11		-15
SPOT:	2	0	0	2	0	0	10	8	0	0	11		-27
CASS:	7	0	0	2	0	0	5	8	0	0	11		-22
VEGE:	3	4	0	2	0	0	8	6	0	0	11		-19
FRUI:	4	21	0	2	0	0	4	2	0	0	11		6
UR-L.4 TOTAL	42	23	0	2	0	0	24	0	0	0	11		-10
COTT:	42	23	0	2	0	0	24	0	0	0	11		-10
FALLOW:	1481											2	
GR TOTAL	324	2729	0	250	0	0	2313	597	0	0	1485	376	-1040
GR-L.1 TOTAL	88	16	0	2	0	0	17	3	0	0	11		-13
MAIZ:	64	16	0	2	0	0	17	3	0	0	11		-13
MILL:	24	14	0	2	0	0	18	4	0	0	11		-17
GR-L.2 TOTAL	35	27	0	2	0	0	14	8	0	0	11		-4
GROU:	35	27	0	2	0	0	14	8	0	0	11		-4

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Table 168 The K20-balance per crop and Land Use System for Senegal, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5720	19353	27677	9879	0	913	26423	67143	23467	0	40019	2478	-96751 (TON/CTY)
LR TOTAL	1233	1266	6657	1573	0	0	2890	14793	3139	0	5362	518	-16170 (TON/LWC)
LR-L.1 TOTAL	715	2	9	2	0	0	4	21	4	0	7		-23 (KG/HA)
MILL:	372	1	14	2	0	0	3	31	5	0	8		-30 (KG/HA)
GROU:	343	3	4	2	0	0	5	10	4	0	8		-18 (KG/HA)
FALLOW:	518											1	(KG/HA)
UR TOTAL	3444	6308	21020	6478	0	0	15920	46902	15176	0	29880	1481	-72591
UR-L.1 TOTAL	709	1	17	3	0	0	6	37	6	0	15		-43
MAIZ:	53	1	7	3	0	0	6	16	5	0	15		-31
MILL:	654	1	17	3	0	0	7	39	6	0	15		-46
OTHC:	2	0	3	3	0	0	2	6	5	0	15		-22
UR-L.2 TOTAL	1196	4	8	3	0	0	9	17	8	0	15		-34
PULS:	12	0	1	3	0	0	3	3	5	0	15		-22
GROU:	1184	4	8	3	0	0	9	17	8	0	15		-34
UR-L.3 TOTAL	16	8	0	3	0	0	22	12	5	0	22		-50
SPOT:	2	0	0	3	0	0	49	11	0	0	23		-80
CASS:	7	0	0	3	0	0	22	4	2	0	23		-48
VEGE:	3	3	0	3	0	0	11	17	2	0	23		-47
FRUI:	4	30	0	3	0	0	18	22	14	0	23		-44
UR-L.4 TOTAL	42	9	0	3	0	0	12	0	26	0	22		-48
COTT:	42	9	0	3	0	0	12	0	26	0	23		-49
FALLOW:	1481											1	
GR TOTAL	324	1047	0	518	0	0	1507	2588	742	0	2970	188	-6054
GR-L.1 TOTAL	88	3	0	4	0	0	10	19	1	0	22		-45
MAIZ:	64	3	0	4	0	0	10	15	2	0	23		-43
MILL:	24	4	0	4	0	0	8	30	0	0	23		-53
GR-L.2 TOTAL	35	14	0	4	0	0	10	23	10	0	22		-47
GROU:	35	14	0	4	0	0	10	23	10	0	23		-48

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Table 169 The N-balance per crop and Land Use System for Sierra Leone, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1841	301	339	6081	8103	3199	12329	2737	5864	10157	11355	1587	-22832 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	154	30	339	626	732	0	1214	744	671	931	1945	108	-3670 (TON/LWC)
GR-L.1 TOTAL	59	1	5	6	9	0	16	11	6	9	20		-41 (KG/HA)
RICE:	40	1	5	6	5	0	12	10	7	10	20		-42 (KG/HA)
MAIZ:	2	0	8	6	5	0	32	17	5	7	20		-62 (KG/HA)
MILL:	2	0	18	6	5	0	42	41	4	6	20		-84 (KG/HA)
SORG:	2	0	10	6	5	0	32	22	5	7	20		-65 (KG/HA)
PULS:	10	0	2	6	16	0	12	5	7	9	20		-29 (KG/HA)
GROU:	3	0	8	6	46	0	45	18	3	6	20		-32 (KG/HA)
GR-L.2 TOTAL	11	0	3	6	5	0	14	6	6	9	15		-36
SPOT:	2	0	4	6	5	0	11	2	7	10	15		-30
CASS:	4	0	4	6	5	0	16	13	5	7	15		-41
VEGE:	2	0	4	6	5	0	29	5	5	8	15		-47
FRUI:	3	0	4	6	5	0	4	2	8	11	15		-25
GR-H.1 TOTAL	30	0	0	6	5	0	4	0	7	10	20		-30
PLAN:	2	0	0	6	5	0	4	1	7	9	20		-30
CITR:	28	0	0	6	5	0	4	0	7	10	20		-30
FALLOW:	54											2	(KG/HA)
PR TOTAL	1320	148	0	4067	3735	0	6544	1123	4213	7227	9410	1479	-19088
PR-L.1 TOTAL	360	0	0	7	7	0	15	3	6	12	20		-42
RICE:	199	1	0	7	5	0	15	4	6	11	20		-43
MAIZ:	12	0	0	7	5	0	18	3	6	11	20		-46
MILL:	8	0	0	7	5	0	27	7	3	8	20		-53
SORG:	6	0	0	7	5	0	20	4	5	11	20		-48
OTHC:	1	0	0	7	5	0	13	2	7	12	20		-42
SPOT:	4	0	0	7	5	0	10	1	8	13	20		-40
CASS:	22	0	0	7	5	0	14	4	6	11	20		-43
OTHR:	1	0	0	7	5	0	22	2	6	11	20		-49
PULS:	45	0	0	7	16	0	12	1	7	13	20		-30
VEGE:	20	0	0	7	5	0	26	2	6	11	20		-53
FRUI:	21	0	0	7	5	0	4	1	9	14	20		-36
GROU:	11	0	0	7	36	0	33	4	4	9	20		-27
SESA:	3	0	0	7	5	0	12	1	7	13	20		-41
FIBR:	7	0	0	7	5	0	2	0	9	14	20		-33

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PR-H.1	TOTAL	221	0	0	7	5	0	5	0	9	14	10			-26
	PLAN:	2	0	0	7	5	0	4	1	8	13	10			-24
	PALM:	147	0	0	7	5	0	1	0	9	14	10			-22
	COCN:	2	0	0	7	5	0	92	4	0	1	10			-95
	COCO:	50	0	0	7	5	0	8	0	8	13	10			-27
	COFF:	20	0	0	7	5	0	14	0	8	13	10			-33
	FALLOW:	739												2	
NF	TOTAL	360	115	0	1337	3482	3129	4311	850	955	1948	0	0		-1
NF-L.1	TOTAL	155	1	0	7	22	11	21	5	5	10	0			0
	RICE:	155	1	0	7	22	11	21	5	5	10	0			0
NF-L.2	TOTAL	36	0	0	7	2	39	30	3	5	10	0			0
	CASS:	4	0	0	7	2	26	14	4	6	11	0			0
	OTHR:	4	0	0	7	2	32	22	2	6	11	0			0
	VEGE:	28	0	0	7	2	41	33	2	5	10	0			0
	FALLOW:	169												2	
IR	TOTAL	7	8	0	51	154	70	260	20	25	51	0	0		-73
IR-H.1	TOTAL	7	1	0	7	22	10	37	3	4	7	0			-11
	RICE:	7	1	0	7	22	10	37	3	4	7	0			-11

Sierra Leone

Table 170 The P205-balance per crop and Land Use System for Sierra Leone, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1841	300	170	2302	0	2330	6637	1443	0	0	3406	1587	-4797 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	154	38	170	237	0	0	637	383	0	0	583	108	-1050 (TON/LWC)
GR-L.1 TOTAL	59	1	3	2	0	0	9	6	0	0	6		-15 (KG/HA)
RICE:	40	0	2	2	0	0	8	5	0	0	6		-15 (KG/HA)
MAIZ:	2	0	4	2	0	0	18	8	0	0	6		-26 (KG/HA)
MILL:	2	0	7	2	0	0	30	16	0	0	6		-43 (KG/HA)
SORG:	2	0	10	2	0	0	28	22	0	0	6		-44 (KG/HA)
PULS:	10	2	0	2	0	0	5	1	0	0	6		-8 (KG/HA)
GROU:	3	0	3	2	0	0	16	7	0	0	6		-24 (KG/HA)
GR-L.2 TOTAL	11	0	2	2	0	0	4	4	0	0	4		-8
SPOT:	2	0	2	2	0	0	4	3	0	0	4		-7
CASS:	4	0	2	2	0	0	4	6	0	0	4		-10
VEGE:	2	0	2	2	0	0	7	5	0	0	4		-12
FRUI:	3	0	2	2	0	0	1	1	0	0	4		-2
GR-H.1 TOTAL	30	0	0	2	0	0	1	0	0	0	6		-5
PLAN:	2	0	0	2	0	0	1	0	0	0	6		-5
CITR:	28	0	0	2	0	0	1	0	0	0	6		-5
FALLOW:	54											2	(KG/HA)
PR TOTAL	1320	180	0	1540	0	0	3404	582	0	0	2823	1479	-3610
PR-L.1 TOTAL	360	1	0	3	0	0	8	2	0	0	6		-12
RICE:	199	0	0	3	0	0	10	2	0	0	6		-15
MAIZ:	12	0	0	3	0	0	10	1	0	0	6		-14
MILL:	8	0	0	3	0	0	19	3	0	0	6		-25
SORG:	6	0	0	3	0	0	18	4	0	0	6		-25
OTHC:	1	0	0	3	0	0	8	1	0	0	6		-12
SPOT:	4	0	0	3	0	0	4	1	0	0	6		-8
CASS:	22	0	0	3	0	0	4	2	0	0	6		-9
OTHR:	1	0	0	3	0	0	3	1	0	0	6		-7
PULS:	45	2	0	3	0	0	5	0	0	0	6		-6
VEGE:	20	0	0	3	0	0	6	2	0	0	6		-11
FRUI:	21	0	0	3	0	0	1	0	0	0	6		-4
GROU:	11	0	0	3	0	0	12	1	0	0	6		-16
SESA:	3	0	0	3	0	0	6	1	0	0	6		-10
FIBR:	7	0	0	3	0	0	0	0	0	0	6		-3

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PR-H.1 TOTAL	221	0	0	3	0	0	2	0	0	0	3		-2
PLAN:	2	0	0	3	0	0	1	0	0	0	3		-1
PALM:	147	0	0	3	0	0	1	0	0	0	3		-1
COCN:	2	0	0	3	0	0	25	2	0	0	3		-27
COCO:	50	0	0	3	0	0	4	0	0	0	3		-4
COFF:	20	0	0	3	0	0	2	0	0	0	3		-2
FALLOW:	739											2	
NF TOTAL	360	77	0	506	0	2309	2421	470	0	0	0	0	1
NF-L.1 TOTAL	155	0	0	3	0	13	14	3	0	0	0		-1
RICE:	155	0	0	3	0	13	14	3	0	0	0		0
NF-L.2 TOTAL	36	0	0	3	0	6	7	2	0	0	0		0
CASS:	4	0	0	3	0	3	4	2	0	0	0		0
OTHR:	4	0	0	3	0	2	3	1	0	0	0		0
VEGE:	28	0	0	3	0	7	8	2	0	0	0		0
FALLOW:	169											2	
IR TOTAL	7	5	0	19	0	21	175	8	0	0	0	0	-138
IR-H.1 TOTAL	7	1	0	3	0	3	25	1	0	0	0		-19
RICE:	7	1	0	3	0	3	25	1	0	0	0		-19

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Table 171 The K20-balance per crop and Land Use System for Sierra Leone, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1841	200	1031	4777	0	3797	5666	8873	3806	0	8516	793	-16263 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	154	10	1031	492	0	0	737	2272	781	0	1459	54	-3662 (TON/LWC)
GR-L.1 TOTAL	59	0	16	5	0	0	6	37	10	0	15		-47 (KG/HA)
RICE:	40	0	17	5	0	0	4	39	10	0	15		-46 (KG/HA)
MAIZ:	2	0	18	5	0	0	11	40	9	0	15		-52 (KG/HA)
MILL:	2	0	57	5	0	0	14	127	17	0	15		-111 (KG/HA)
SORG:	2	0	29	5	0	0	10	65	12	0	15		-68 (KG/HA)
PULS:	10	0	3	5	0	0	8	7	7	0	15		-29 (KG/HA)
GROU:	3	0	10	5	0	0	12	22	8	0	15		-42 (KG/HA)
GR-L.2 TOTAL	11	0	5	5	0	0	14	6	7	0	11		-28
SPOT:	2	0	6	5	0	0	20	4	7	0	11		-31
CASS:	4	0	6	5	0	0	19	3	7	0	11		-29
VEGE:	2	0	6	5	0	0	10	15	6	0	11		-31
FRUI:	3	0	6	5	0	0	5	6	8	0	11		-19
GR-H.1 TOTAL	30	0	0	5	0	0	8	1	5	0	15		-24
PLAN:	2	0	0	5	0	0	25	5	0	0	15		-40
CITR:	28	0	0	5	0	0	7	1	5	0	15		-23
FALLOW:	54											1	(KG/HA)
PR TOTAL	1320	149	0	3195	0	0	3239	3421	2877	0	7057	739	-12511
PR-L.1 TOTAL	360	0	0	5	0	0	7	9	3	0	15		-29
RICE:	199	0	0	6	0	0	5	13	1	0	15		-28
MAIZ:	12	0	0	6	0	0	6	6	5	0	15		-26
MILL:	8	0	0	6	0	0	9	22	0	0	15		-40
SORG:	6	0	0	6	0	0	6	11	2	0	15		-28
OTHC:	1	0	0	6	0	0	5	6	5	0	15		-25
SPOT:	4	0	0	6	0	0	18	2	6	0	15		-35
CASS:	22	0	0	6	0	0	17	1	6	0	15		-33
OTHR:	1	0	0	6	0	0	16	3	5	0	15		-33
PULS:	45	0	0	6	0	0	8	2	7	0	15		-26
VEGE:	20	0	0	6	0	0	9	5	5	0	15		-28
FRUI:	21	0	0	6	0	0	5	2	7	0	15		-23
GROU:	11	0	0	6	0	0	9	4	5	0	15		-27
SESA:	3	0	0	6	0	0	3	2	7	0	15		-21
FIBR:	7	0	0	6	0	0	3	1	8	0	15		-21

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PR-H.1 TOTAL	221	0	0	5	0	0	3	0	8	0	7		-13
PLAN:	2	0	0	6	0	0	24	5	1	0	8		-32
PALM:	147	1	0	6	0	0	2	0	8	0	8		-11
COCN:	2	0	0	6	0	0	18	5	2	0	8		-27
COCO:	50	0	0	6	0	0	5	1	7	0	8		-15
COFF:	20	0	0	6	0	0	8	0	7	0	8		-17
FALLOW:	739											1	
NF TOTAL	360	38	0	1050	0	3762	1598	3104	148	0	0	0	0
NF-L.1 TOTAL	155	0	0	5	0	20	7	19	0	0	0		-1
RICE:	155	0	0	6	0	20	7	19	0	0	0		0
NF-L.2 TOTAL	36	0	0	5	0	17	13	6	4	0	0		-1
CASS:	4	0	0	6	0	19	17	1	6	0	0		0
OTHR:	4	0	0	6	0	19	16	3	5	0	0		0
VEGE:	28	0	0	6	0	17	11	7	4	0	0		0
FALLOW:	169											1	
IR TOTAL	7	3	0	40	0	35	92	76	0	0	0	0	-90
IR-H.1 TOTAL	7	0	0	6	0	5	13	11	0	0	0		-13
RICE:	7	0	0	6	0	5	13	11	0	0	0		-13

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Table 172 The N-balance per crop and Land Use System for Sierra Leone, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2093	500	329	7803	10250	4316	18343	3810	7053	12590	14940	1675	-31863 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	167	35	329	657	808	0	1298	753	697	970	2050	123	-3816 (TON/LWC)
GR-L.1 TOTAL	60	1	5	6	10	0	16	11	7	9	20		-41 (KG/HA)
RICE:	40	1	4	6	5	0	10	9	7	10	20		-40 (KG/HA)
MAIZ:	1	0	7	6	5	0	29	15	5	8	20		-59 (KG/HA)
MILL:	3	0	15	6	5	0	35	33	4	7	20		-73 (KG/HA)
SORG:	2	0	11	6	5	0	36	25	4	7	20		-70 (KG/HA)
PULS:	11	0	3	6	20	0	16	6	6	9	20		-28 (KG/HA)
GROU:	3	0	8	6	46	0	45	18	3	6	20		-32 (KG/HA)
GR-L.2 TOTAL	10	0	3	6	5	0	19	9	5	8	15		-42
SPOT:	2	0	4	6	5	0	12	3	7	10	15		-32
CASS:	3	0	4	6	5	0	28	22	2	4	15		-56
VEGE:	2	0	4	6	5	0	34	6	4	7	15		-51
FRUI:	3	0	4	6	5	0	5	2	8	11	15		-26
GR-H.1 TOTAL	35	0	0	6	5	0	5	0	7	10	20		-31
PLAN:	2	0	0	6	5	0	4	1	7	9	20		-30
CITR:	33	0	0	6	5	0	5	0	7	10	20		-31
FALLOW:	62											2	(KG/HA)
PR TOTAL	1552	278	0	5432	4894	0	10433	1874	5310	9339	12890	1552	-27690
PR-L.1 TOTAL	513	1	0	7	7	0	17	3	6	11	20		-42
RICE:	318	1	0	7	5	0	16	4	6	11	20		-44
MAIZ:	24	0	0	7	5	0	17	2	6	12	20		-45
MILL:	14	0	0	7	5	0	29	7	3	8	20		-55
SORG:	11	0	0	7	5	0	25	5	5	10	20		-53
OTHC:	2	0	0	7	5	0	15	2	7	12	20		-44
SPOT:	5	0	0	7	5	0	12	1	8	13	20		-42
CASS:	14	0	0	7	5	0	35	11	0	5	20		-59
OTHR:	1	0	0	7	5	0	22	2	6	11	20		-49
PULS:	53	0	0	7	18	0	14	1	7	12	20		-29
VEGE:	25	0	0	7	5	0	30	2	5	10	20		-55
FRUI:	26	0	0	7	5	0	5	1	8	14	20		-36
GROU:	11	0	0	7	36	0	33	4	4	9	20		-27
SESA:	3	0	0	7	5	0	12	1	7	13	20		-41
FIBR:	6	0	0	7	5	0	2	0	9	14	20		-33

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PR-H.1 TOTAL	263	0	0	7	5	0	6	0	9	14	10			-27
PLAN:	3	0	0	7	5	0	5	1	8	13	10			-25
PALM:	167	0	0	7	5	0	2	0	9	14	10			-23
COCN:	3	0	0	7	5	0	140	6	0	3	10			-147
COCO:	70	0	0	7	5	0	8	0	8	13	10			-27
COFF:	20	0	0	7	5	0	14	0	8	13	10			-33
FALLOW:	776												2	
NF TOTAL	352	158	0	1554	4064	4096	5617	1106	997	2152	0	0	0	0
NF-L.1 TOTAL	181	1	0	7	22	13	23	5	5	10	0			0
RICE:	181	1	0	7	22	13	23	5	5	10	0			0
NF-L.2 TOTAL	41	0	0	7	2	42	35	3	4	10	0			-1
CASS:	3	0	0	7	2	35	25	8	3	8	0			0
OTHR:	6	0	0	7	2	32	22	2	6	11	0			0
VEGE:	32	0	0	7	2	45	38	3	4	9	0			0
FALLOW:	130												2	
IR TOTAL	22	29	0	160	484	220	995	77	49	129	0	0		-357
IR-H.1 TOTAL	22	1	0	7	22	10	45	4	2	6	0			-17
RICE:	22	1	0	7	22	10	45	4	2	6	0			-17

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Table 173 The P205-balance per crop and Land Use System for Sierra Leone, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2093	400	163	2954	0	3140	10107	2001	0	0	4482	1675	-8258 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	167	38	163	249	0	0	651	384	0	0	615	123	-1077 (TON/LWC)
GR-L.1 TOTAL	60	1	2	2	0	0	9	5	0	0	6		-15 (KG/HA)
RICE:	40	1	2	2	0	0	7	5	0	0	6		-13 (KG/HA)
MAIZ:	1	0	3	2	0	0	16	7	0	0	6		-24 (KG/HA)
MILL:	3	0	6	2	0	0	25	13	0	0	6		-36 (KG/HA)
SORG:	2	0	11	2	0	0	31	25	0	0	6		-49 (KG/HA)
PULS:	11	2	1	2	0	0	6	1	0	0	6		-8 (KG/HA)
GROU:	3	0	3	2	0	0	16	7	0	0	6		-24 (KG/HA)
GR-L.2 TOTAL	10	0	2	2	0	0	5	6	0	0	4		-11
SPOT:	2	0	2	2	0	0	5	4	0	0	4		-9
CASS:	3	0	2	2	0	0	7	12	0	0	4		-19
VEGE:	2	0	2	2	0	0	8	6	0	0	4		-14
FRUI:	3	0	2	2	0	0	1	1	0	0	4		-2
GR-H.1 TOTAL	35	0	0	2	0	0	1	0	0	0	6		-5
PLAN:	2	0	0	2	0	0	1	0	0	0	6		-5
CITR:	33	0	0	2	0	0	1	0	0	0	6		-5
FALLOW:	62											2	(KG/HA)
PR TOTAL	1552	250	0	2056	0	0	5641	974	0	0	3867	1552	-6624
PR-L.1 TOTAL	513	0	0	3	0	0	10	2	0	0	6		-15
RICE:	318	1	0	3	0	0	11	2	0	0	6		-15
MAIZ:	24	0	0	3	0	0	9	1	0	0	6		-13
MILL:	14	0	0	3	0	0	21	3	0	0	6		-27
SORG:	11	0	0	3	0	0	21	4	0	0	6		-28
OTHC:	2	0	0	3	0	0	9	1	0	0	6		-13
SPOT:	5	0	0	3	0	0	4	1	0	0	6		-8
CASS:	14	0	0	3	0	0	9	6	0	0	6		-18
OTHR:	1	0	0	3	0	0	3	1	0	0	6		-7
PULS:	53	2	0	3	0	0	5	0	0	0	6		-6
VEGE:	25	0	0	3	0	0	7	2	0	0	6		-12
FRUI:	26	0	0	3	0	0	1	0	0	0	6		-4
GROU:	11	0	0	3	0	0	12	1	0	0	6		-16
SESA:	3	0	0	3	0	0	6	1	0	0	6		-10
FIBR:	6	0	0	3	0	0	0	0	0	0	6		-3

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PR-H.1	TOTAL	263	0	0	3	0	0	2	0	0	0	3		-2
	PLAN:	3	0	0	3	0	0	1	1	0	0	3		-2
	PALM:	167	0	0	3	0	0	1	0	0	0	3		-1
	COCN:	3	0	0	3	0	0	38	3	0	0	3		-41
	COCO:	70	0	0	3	0	0	4	0	0	0	3		-4
	COFF:	20	0	0	3	0	0	2	0	0	0	3		-2
	FALLOW:	776											2	
NF	TOTAL	352	95	0	588	0	3074	3146	612	0	0	0	0	-1
NF-L.1	TOTAL	181	1	0	3	0	15	16	3	0	0	0		0
	RICE:	181	1	0	3	0	15	16	3	0	0	0		0
NF-L.2	TOTAL	41	0	0	3	0	8	8	3	0	0	0		0
	CASS:	3	0	0	3	0	8	7	4	0	0	0		0
	OTHR:	6	0	0	3	0	2	3	1	0	0	0		0
	VEGE:	32	0	0	3	0	9	9	3	0	0	0		0
	FALLOW:	130											2	
IR	TOTAL	22	17	0	61	0	66	669	31	0	0	0	0	-556
IR-H.1	TOTAL	22	1	0	3	0	3	30	1	0	0	0		-24
	RICE:	22	1	0	3	0	3	30	1	0	0	0		-24

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Table 174 The K20-balance per crop and Land Use System for Sierra Leone, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2093	501	984	6132	0	5123	8385	12348	4205	0	11204	838	-22564 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	167	7	984	517	0	0	859	2207	774	0	1537	62	-3807 (TON/LWC)
GR-L.1 TOTAL	60	0	15	5	0	0	6	34	9	0	15		-44 (KG/HA)
RICE	40	0	16	5	0	0	4	35	10	0	15		-43 (KG/HA)
MAIZ	1	0	16	5	0	0	10	36	9	0	15		-49 (KG/HA)
MILL	3	0	47	5	0	0	12	104	15	0	15		-94 (KG/HA)
SORG	2	0	33	5	0	0	11	74	12	0	15		-74 (KG/HA)
PULS	11	0	4	5	0	0	11	9	7	0	15		-33 (KG/HA)
GROU	3	0	10	5	0	0	12	22	8	0	15		-42 (KG/HA)
GR-L.2 TOTAL	10	0	5	5	0	0	19	9	6	0	11		-35
SPOT	2	0	6	5	0	0	23	5	6	0	11		-34
CASS	3	0	6	5	0	0	34	6	5	0	11		-45
VEGE	2	0	6	5	0	0	12	18	5	0	11		-35
FRUI	3	0	6	5	0	0	6	7	7	0	11		-20
GR-H.1 TOTAL	35	0	0	5	0	0	9	2	4	0	15		-25
PLAN	2	0	0	5	0	0	23	4	0	0	15		-37
CIIR	33	0	0	5	0	0	8	1	5	0	15		-24
FALLOW	62											1	(KG/HA)
PR TOTAL	1552	456	0	4268	0	0	5081	5818	3290	0	9667	776	-18356
PR-L.1 TOTAL	513	0	0	5	0	0	8	11	2	0	15		-31
RICE	318	0	0	6	0	0	6	15	1	0	15		-31
MAIZ	24	0	0	6	0	0	6	6	5	0	15		-26
MILL	14	0	0	6	0	0	10	23	0	0	15		-42
SORG	11	0	0	6	0	0	8	13	1	0	15		-31
OTHC	2	0	0	6	0	0	5	7	4	0	15		-25
SPOT	5	0	0	6	0	0	21	2	5	0	15		-37
CASS	14	0	0	6	0	0	43	3	3	0	15		-58
OTHR	1	0	0	6	0	0	17	4	5	0	15		-35
PULS	53	0	0	6	0	0	9	2	6	0	15		-26
VEGE	25	0	0	6	0	0	10	6	4	0	15		-29
FRUI	26	0	0	6	0	0	6	3	6	0	15		-24
GROU	11	0	0	6	0	0	9	4	5	0	15		-27
SESA	3	0	0	6	0	0	3	2	7	0	15		-21
FIBR	6	0	0	6	0	0	3	1	8	0	15		-21

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PR-H.1 TOTAL	263	2	0	5	0	0	4	0	8	0	7		-12
PLAN:	3	0	0	6	0	0	30	6	0	0	8		-38
PALM:	167	2	0	6	0	0	3	0	9	0	8		-12
COCN:	3	0	0	6	0	0	27	7	0	0	8		-36
COCO:	70	0	0	6	0	0	5	1	7	0	8		-15
COFF:	20	0	0	6	0	0	8	0	7	0	8		-17
FALLOW:	776											1	
NF TOTAL	352	32	0	1221	0	5013	2093	4031	141	0	0	0	1
NF-L.1 TOTAL	181	0	0	5	0	23	8	21	0	0	0		-1
RICE:	181	0	0	6	0	23	8	21	0	0	0		0
NF-L.2 TOTAL	41	0	0	5	0	20	15	7	3	0	0		0
CASS:	3	0	0	6	0	31	31	2	4	0	0		0
OTHR:	6	0	0	6	0	20	17	4	5	0	0		0
VEGE:	32	0	0	6	0	19	13	8	3	0	0		0
FALLOW:	130											1	
IR TOTAL	22	6	0	126	0	110	352	292	0	0	0	0	-402
IR-H.1 TOTAL	22	0	0	6	0	5	16	13	0	0	0		-18
RICE:	22	0	0	6	0	5	16	13	0	0	0		-18

Somalia

Table 175 The N-balance per crop and Land Use System for Somalia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1191	1517	1748	2596	3079	1984	8904	4250	3126	9575	32580	588	-46924 (TON/CTY)
LR TOTAL	1075	1119	1657	2198	2713	0	6376	3681	2829	7947	31400	581	-43965 (TON/LWC)
LR-L.1 TOTAL	764	1	2	3	3	0	8	5	4	10	40		-58 (KG/HA)
MAIZ:	93	1	2	3	3	0	10	5	3	10	40		-59 (KG/HA)
SORG:	450	1	2	3	3	0	7	5	4	10	40		-57 (KG/HA)
PULS:	43	0	1	3	8	0	6	2	3	10	40		-49 (KG/HA)
GROU:	12	0	2	3	13	0	11	4	3	9	40		-49 (KG/HA)
SESA:	166	1	2	3	3	0	9	3	3	10	40		-56 (KG/HA)
LR-L.2 TOTAL	21	15	4	3	3	0	14	9	7	14	40		-59
FRUI:	21	15	4	3	3	0	14	9	7	14	40		-59
FALLOW:	290											2	(KG/HA)
UR TOTAL	19	20	72	64	72	0	408	244	53	186	1080	1	-1742
UR-L.1 TOTAL	10	2	6	4	4	0	25	13	3	11	60		-96
MAIZ:	10	2	6	4	4	0	25	13	3	11	60		-96
UR-L.2 TOTAL	3	0	4	4	4	0	46	37	0	2	60		-133
CASS:	3	0	4	4	4	0	46	37	0	2	60		-133
UR-L.3 TOTAL	5	0	0	4	4	0	4	0	4	15	60		-75
COTT:	5	0	0	4	4	0	4	0	4	15	60		-75
FALLOW:	1											2	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	10	71	19	34	50	0	58	43	56	91	100	0	-174
PR-L.1 TOTAL	10	7	2	3	5	0	6	4	6	9	10		-18
SORG:	10	7	2	3	5	0	6	4	6	9	10		-18

Somalia

Table 176 The P205-balance per crop and Land Use System for Somalia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1191	306	1418	983	0	733	5704	3413	0	0	12210	588	-17300 (TON/CTY)
LR TOTAL	1075	266	1364	832	0	0	4279	3032	0	0	11775	581	-16043 (TON/LWC)
LR-L.1 TOTAL	764	0	2	1	0	0	6	4	0	0	15		-22 (KG/HA)
MAIZ:	93	0	1	1	0	0	6	3	0	0	15		-22 (KG/HA)
SORG:	450	0	2	1	0	0	6	5	0	0	15		-23 (KG/HA)
PULS:	43	0	0	1	0	0	2	1	0	0	15		-17 (KG/HA)
GROU:	12	0	1	1	0	0	4	2	0	0	15		-19 (KG/HA)
SESA:	166	0	1	1	0	0	4	3	0	0	15		-20 (KG/HA)
LR-L.2 TOTAL	21	5	1	1	0	0	3	3	0	0	15		-14
FRUI:	21	5	1	1	0	0	3	3	0	0	15		-14
FALLOW:	290											2	(KG/HA)
UR TOTAL	19	0	35	24	0	0	199	122	0	0	405	1	-666
UR-L.1 TOTAL	10	0	3	1	0	0	14	7	0	0	22		-39
MAIZ:	10	0	3	1	0	0	14	7	0	0	23		-40
UR-L.2 TOTAL	3	0	2	1	0	0	12	19	0	0	22		-50
CASS:	3	0	2	1	0	0	12	19	0	0	23		-51
UR-L.3 TOTAL	5	0	0	1	0	0	4	0	0	0	22		-25
COTT:	5	0	0	1	0	0	4	0	0	0	23		-26
FALLOW:	1											2	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	10	18	19	13	0	0	50	42	0	0	30	0	-72
PR-L.1 TOTAL	10	2	2	1	0	0	5	4	0	0	3		-7
SORG:	10	2	2	1	0	0	5	4	0	0	3		-7

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Table 177 The K2O-balance per crop and Land Use System for Somalia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1191	204	4566	2039	0	830	4285	10947	3649	0	24435	294	-35383 (TON/CTY)
LR TOTAL	1075	185	4346	1727	0	0	2289	9658	3449	0	23550	290	-32398 (TON/LWC)
LR-L.1 TOTAL	764	0	5	2	0	0	3	12	4	0	30		-42 (KG/HA)
MAIZ:	93	0	6	2	0	0	3	13	4	0	30		-42 (KG/HA)
SORG:	450	0	7	2	0	0	2	15	5	0	30		-43 (KG/HA)
PULS:	43	0	2	2	0	0	4	4	3	0	30		-37 (KG/HA)
GROU:	12	0	2	2	0	0	3	5	4	0	30		-38 (KG/HA)
SESA:	166	0	3	2	0	0	2	6	4	0	30		-37 (KG/HA)
LR-L.2 TOTAL	21	5	14	2	0	0	17	31	7	0	30		-64
FRUI:	21	5	14	2	0	0	17	31	7	0	30		-64
FALLOW:	290											1	(KG/HA)
UR TOTAL	19	0	163	50	0	0	263	349	117	0	810	1	-1325
UR-L.1 TOTAL	10	0	14	3	0	0	9	32	7	0	45		-76
MAIZ:	10	0	14	3	0	0	9	32	7	0	45		-76
UR-L.2 TOTAL	3	0	6	3	0	0	56	10	1	0	45		-103
CASS:	3	0	7	3	0	0	56	10	1	0	45		-102
UR-L.3 TOTAL	5	0	0	3	0	0	2	0	8	0	45		-52
COTT:	5	0	0	3	0	0	2	0	8	0	45		-52
FALLOW:	1											1	
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	10	9	57	27	0	0	18	126	40	0	75	0	-166
PR-L.1 TOTAL	10	1	6	3	0	0	2	13	4	0	7		-16
SORG:	10	1	6	3	0	0	2	13	4	0	8		-17

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Table 178 The N-balance per crop and Land Use System for Somalia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1403	4020	2789	3432	4471	2474	15660	7000	4274	12843	43960	425	-66126 (TON/CTY)
LR TOTAL	1246	2177	2635	2965	3922	0	10110	5855	3867	10771	42360	374	-60890 (TON/LWC)
LR-L.1 TOTAL	1024	2	2	3	4	0	9	5	4	10	40		-57 (KG/HA)
MAIZ:	215	3	4	3	3	0	15	8	4	10	40		-64 (KG/HA)
SORG:	602	2	2	3	3	0	7	5	4	10	40		-56 (KG/HA)
PULS:	53	0	1	3	10	0	8	3	3	10	40		-50 (KG/HA)
GROU:	21	0	3	3	20	0	19	7	2	9	40		-51 (KG/HA)
SESA:	133	0	2	3	3	0	9	3	3	10	40		-57 (KG/HA)
LR-L.2 TOTAL	35	14	4	3	3	0	14	9	7	13	40		-59
FRUI:	35	14	4	3	3	0	14	9	7	13	40		-59
FALLOW:	187											2	(KG/HA)
UR TOTAL	25	102	135	89	100	0	882	438	55	369	1500	0	-2818
UR-L.1 TOTAL	10	10	12	4	4	0	50	27	3	11	60		-121
MAIZ:	10	10	12	4	4	0	50	27	3	11	60		-121
UR-L.2 TOTAL	4	0	4	4	4	0	53	43	0	3	60		-147
CASS:	4	0	4	4	4	0	53	43	0	3	60		-147
UR-L.3 TOTAL	11	0	0	4	4	0	15	0	2	23	60		-92
COTT:	11	0	0	4	4	0	15	0	2	23	60		-92
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	10	79	19	34	50	0	58	43	58	93	100	0	-170
PR-L.1 TOTAL	10	8	2	3	5	0	6	4	6	9	10		-17
SORG:	10	8	2	3	5	0	6	4	6	9	10		-17

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Table 179 The P205-balance per crop and Land Use System for Somalia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1403	901	2059	1300	0	1059	9775	5095	0	0	16477	425	-25603 (TON/CTY)
LR TOTAL	1246	444	1973	1123	0	0	6600	4384	0	0	15885	374	-22955 (TON/LWC)
LR-L.1 TOTAL	1024	0	2	1	0	0	6	4	0	0	15		-22 (KG/HA)
MAIZ:	215	1	2	1	0	0	8	4	0	0	15		-23 (KG/HA)
SORG:	602	0	2	1	0	0	6	5	0	0	15		-23 (KG/HA)
PULS:	53	0	0	1	0	0	3	1	0	0	15		-18 (KG/HA)
GROU:	21	0	1	1	0	0	7	3	0	0	15		-23 (KG/HA)
SESA:	133	0	1	1	0	0	4	3	0	0	15		-20 (KG/HA)
LR-L.2 TOTAL	35	3	1	1	0	0	3	3	0	0	15		-16
FRUI:	35	3	1	1	0	0	3	3	0	0	15		-16
FALLOW:	187											2	(KG/HA)
UR TOTAL	25	24	67	34	0	0	533	219	0	0	562	0	-1189
UR-L.1 TOTAL	10	2	6	1	0	0	28	13	0	0	22		-54
MAIZ:	10	2	6	1	0	0	28	13	0	0	23		-55
UR-L.2 TOTAL	4	0	2	1	0	0	14	22	0	0	22		-55
CASS:	4	0	2	1	0	0	14	22	0	0	23		-56
UR-L.3 TOTAL	11	0	0	1	0	0	18	0	0	0	22		-39
COTT:	11	0	0	1	0	0	18	0	0	0	23		-40
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	10	14	19	13	0	0	50	42	0	0	30	0	-76
PR-L.1 TOTAL	10	1	2	1	0	0	5	4	0	0	3		-8
SORG:	10	1	2	1	0	0	5	4	0	0	3		-8
NF TOTAL	43	129	0	60	0	897	958	128	0	0	0	0	0
NF-L.1 TOTAL	43	3	0	1	0	21	22	3	0	0	0		0
MAIZ:	30	4	0	1	0	26	28	3	0	0	0		0
SORG:	6	1	0	1	0	14	14	3	0	0	0		0
PULS:	4	0	0	1	0	2	3	0	0	0	0		0
VEGE:	3	0	0	1	0	6	5	2	0	0	0		0

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Table 180 The K20-balance per crop and Land Use System for Somalia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1403	700	7257	2697	0	1283	7755	17956	5230	0	32970	212	-51762 (TON/CTY)
LR TOTAL	1246	372	6887	2330	0	0	3745	15305	4857	0	31770	187	-45901 (TON/LWC)
LR-L.1 TOTAL	1024	0	6	2	0	0	3	14	4	0	30		-43 (KG/HA)
MAIZ:	215	0	9	2	0	0	5	19	5	0	30		-48 (KG/HA)
SORG:	602	0	7	2	0	0	2	15	5	0	30		-43 (KG/HA)
PULS:	53	0	2	2	0	0	5	5	3	0	30		-39 (KG/HA)
GROU:	21	0	4	2	0	0	5	9	4	0	30		-42 (KG/HA)
SESA:	133	0	3	2	0	0	2	6	4	0	30		-37 (KG/HA)
LR-L.2 TOTAL	35	6	14	2	0	0	17	31	7	0	30		-63
FRUI:	35	6	14	2	0	0	17	31	7	0	30		-63
FALLOW:	187											1	(KG/HA)
UR TOTAL	25	12	313	70	0	0	525	685	289	0	1125	0	-2229
UR-L.1 TOTAL	10	1	29	3	0	0	17	64	10	0	45		-103
MAIZ:	10	1	29	3	0	0	17	64	10	0	45		-103
UR-L.2 TOTAL	4	0	6	3	0	0	65	11	0	0	45		-112
CASS:	4	0	7	3	0	0	65	11	0	0	45		-111
UR-L.3 TOTAL	11	0	0	3	0	0	9	0	17	0	45		-68
COTT:	11	0	0	3	0	0	9	0	17	0	45		-68
GR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PR TOTAL	10	7	57	27	0	0	18	126	39	0	75	0	-167
PR-L.1 TOTAL	10	1	6	3	0	0	2	13	4	0	7		-16
SORG:	10	1	6	3	0	0	2	13	4	0	8		-17
NF TOTAL	43	64	0	125	0	1013	588	583	31	0	0	0	0
NF-L.1 TOTAL	43	1	0	3	0	24	14	14	1	0	0		-1
MAIZ:	30	2	0	3	0	29	17	17	0	0	0		0
SORG:	6	1	0	3	0	11	5	9	1	0	0		0
PULS:	4	0	0	3	0	8	5	1	4	0	0		0
VEGE:	3	0	0	3	0	12	8	5	2	0	0		0

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Table 181 The N-balance per crop and Land Use System for Sudan, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	14724	52485	10412	19160	35901	13349	80970	26742	31638	78003	68050	15596	-138498 (TON/CTY)
LR TOTAL	10188	5377	6812	10129	14544	0	23389	15138	13292	32715	41770	12022	-77420 (TON/LWC)
LR-L.1 TOTAL	4177	1	2	2	3	0	6	4	3	8	10		-23 (KG/HA)
MILL:	992	0	2	2	3	0	4	4	3	8	10		-22 (KG/HA)
SORG:	2211	2	2	2	3	0	6	4	3	8	10		-22 (KG/HA)
PULS:	50	5	2	2	14	0	12	5	4	8	10		-16 (KG/HA)
VEGE:	17	3	3	2	3	0	27	7	2	6	10		-41 (KG/HA)
OILC:	10	2	0	2	3	0	1	0	4	8	10		-16 (KG/HA)
GROU:	215	0	1	2	10	0	7	3	3	7	10		-17 (KG/HA)
SESA:	682	1	1	2	3	0	6	2	3	8	10		-22 (KG/HA)
FALLOW:	6011											2	(KG/HA)
UR TOTAL	1944	4287	2940	4387	7377	0	10786	6379	5821	11890	22160	1672	-36373
UR-L.1 TOTAL	1019	3	3	4	7	0	10	6	5	10	20		-34
MAIZ:	19	0	1	4	4	0	5	3	5	10	20		-34
MILL:	283	0	2	4	4	0	6	6	5	9	20		-36
SORG:	555	6	3	4	4	0	9	6	6	11	20		-35
GROU:	144	1	4	4	24	0	22	9	3	8	20		-29
SESA:	18	3	2	4	4	0	9	3	5	10	20		-34
UR-L.2 TOTAL	24	1	4	4	4	0	5	3	6	11	20		-32
SPOT:	10	1	4	4	4	0	5	1	6	11	20		-30
CASS:	11	0	4	4	4	0	5	4	5	10	20		-32
FRUI:	2	6	4	4	4	0	9	4	6	11	20		-32
FODD:	1	6	4	4	4	0	9	0	7	12	20		-30
UR-L.3 TOTAL	65	12	0	4	4	0	11	0	7	21	20		-39
COTT:	65	12	0	4	4	0	11	0	7	21	20		-39
FALLOW:	836											2	
GR TOTAL	496	1773	660	1105	1120	0	3319	1334	1403	2671	3480	516	-7033
GR-L.1 TOTAL	215	8	3	5	5	0	15	6	6	11	15		-32
MAIZ:	13	0	1	5	2	0	5	2	5	10	15		-29
MILL:	8	0	2	5	2	0	6	4	5	10	15		-31
SORG:	154	10	3	5	2	0	15	7	6	12	15		-35
GROU:	27	1	3	5	26	0	26	7	3	8	15		-24
SESA:	13	4	1	5	2	0	9	2	6	11	15		-31

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GR-L.2 TOTAL	18	3	4	5	2	0	5	2	6	11	10			-20
SPOT:	7	2	4	5	2	0	5	1	7	12	10			-22
CASS:	8	0	4	5	2	0	5	2	5	10	10			-21
FRUI:	2	10	4	5	2	0	9	3	8	13	10			-22
FODD:	1	10	4	5	2	0	9	0	9	14	10			-21
GR-L.3 TOTAL	5	20	0	5	2	0	11	0	9	24	15			-32
COTT:	5	20	0	5	2	0	11	0	9	24	15			-32
FALLOW:	258												2	
PR TOTAL	184	93	0	309	295	0	943	245	205	694	640	251		-1779
PR-L.1 TOTAL	5	6	0	5	5	0	7	3	7	15	20			-36
MAIZ:	2	0	0	5	5	0	2	1	6	14	20			-33
SORG:	3	10	0	5	5	0	10	5	7	16	20			-38
PR-L.2 TOTAL	54	1	0	5	5	0	17	4	3	11	10			-34
SPOT:	27	2	0	5	5	0	17	2	4	13	10			-34
CASS:	27	0	0	5	5	0	16	7	2	10	10			-35
PR-H.1 TOTAL	0	0	0	0	0	0	0	0	0	0	0			0
FALLOW:	125												2	
NF TOTAL	18	20	0	15	8	89	26	6	22	79	0	0		-1
NF-L.1 TOTAL	4	5	0	4	2	22	7	1	5	20	0			0
MILL:	2	0	0	4	2	24	6	1	4	18	0			0
SORG:	2	10	0	4	2	21	7	1	7	21	0			0
FALLOW:	14												2	
IR TOTAL	1894	40935	0	3215	12557	13260	42507	3640	10895	29954	0	1137		-15892
IR-L.1 TOTAL	239	18	0	2	2	10	46	3	3	13	0			-33
POTA:	1	150	0	2	2	10	83	9	35	46	0			-9
SPOT:	2	3	0	2	2	10	107	9	0	3	0			-102
VEGE:	62	25	0	2	2	10	97	7	0	8	0			-73
FRUI:	85	15	0	2	2	10	15	3	5	15	0			-9
OILC:	7	13	0	2	2	10	1	0	7	17	0			2
FODD:	82	16	0	2	2	10	40	0	4	14	0			-28

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Table 182 The P205-balance per crop and Land Use System for Sudan, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	14724	900	8000	7253	0	3997	52969	19963	0	0	25210	15596	-62394 (TON/CTY)
LR TOTAL	10188	101	5365	3834	0	0	16704	11923	0	0	15664	12022	-22969 (TON/LWC)
LR-L.1 TOTAL	4177	0	1	1	0	0	4	3	0	0	4		-9 (KG/HA)
MILL:	992	0	1	1	0	0	3	1	0	0	4		-6 (KG/HA)
SORG:	2211	0	2	1	0	0	5	4	0	0	4		-10 (KG/HA)
PULS:	50	0	0	1	0	0	5	1	0	0	4		-9 (KG/HA)
VEGE:	17	0	3	1	0	0	6	7	0	0	4		-13 (KG/HA)
OILC:	10	0	0	1	0	0	0	0	0	0	4		-3 (KG/HA)
GROU:	215	0	1	1	0	0	3	1	0	0	4		-6 (KG/HA)
SESA:	682	0	1	1	0	0	3	2	0	0	4		-7 (KG/HA)
FALLOW:	6011											2	(KG/HA)
UR TOTAL	1944	76	2085	1661	0	0	7577	4564	0	0	8310	1672	-14957
UR-L.1 TOTAL	1019	0	2	1	0	0	7	4	0	0	7		-15
MAIZ:	19	0	1	1	0	0	3	1	0	0	8		-10
MILL:	283	0	1	1	0	0	4	2	0	0	8		-12
SORG:	555	0	3	1	0	0	8	6	0	0	8		-18
GROU:	144	0	2	1	0	0	8	4	0	0	8		-17
SESA:	18	0	1	1	0	0	4	3	0	0	8		-13
UR-L.2 TOTAL	24	0	2	1	0	0	2	2	0	0	7		-8
SPOT:	10	0	2	1	0	0	2	1	0	0	8		-8
CASS:	11	0	2	1	0	0	1	2	0	0	8		-8
FRUI:	2	0	2	1	0	0	2	1	0	0	8		-8
FODD:	1	0	2	1	0	0	4	0	0	0	8		-9
UR-L.3 TOTAL	65	0	0	1	0	0	13	0	0	0	7		-19
COTT:	65	0	0	1	0	0	13	0	0	0	8		-20
FALLOW:	836											2	
GR TOTAL	496	31	550	418	0	0	2421	1157	0	0	1044	516	-3107
GR-L.1 TOTAL	215	0	2	2	0	0	11	5	0	0	4		-16
MAIZ:	13	0	0	2	0	0	3	1	0	0	4		-6
MILL:	8	0	1	2	0	0	4	1	0	0	4		-6
SORG:	154	0	3	2	0	0	13	7	0	0	4		-19
GROU:	27	0	1	2	0	0	10	3	0	0	4		-14
SESA:	13	0	1	2	0	0	4	2	0	0	4		-7

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GR-L.2 TOTAL	18	0	2	2	0	0	2	1	0	0	3		-2
SPOT:	7	0	2	2	0	0	2	1	0	0	3		-2
CASS:	8	0	2	2	0	0	1	1	0	0	3		-1
FRUI:	2	0	2	2	0	0	2	1	0	0	3		-2
FODD:	1	0	2	2	0	0	4	0	0	0	3		-3
GR-L.3 TOTAL	5	0	0	2	0	0	13	0	0	0	4		-15
COTT:	5	0	0	2	0	0	13	0	0	0	4		-15
FALLOW:	258											2	
PR TOTAL	184	1	0	117	0	0	319	172	0	0	192	251	-314
PR-L.1 TOTAL	5	0	0	2	0	0	6	3	0	0	6		-13
MAIZ:	2	0	0	2	0	0	1	0	0	0	6		-5
SORG:	3	0	0	2	0	0	9	5	0	0	6		-18
PR-L.2 TOTAL	54	0	0	2	0	0	5	3	0	0	3		-9
SPOT:	27	0	0	2	0	0	6	2	0	0	3		-9
CASS:	27	0	0	2	0	0	4	3	0	0	3		-8
PR-H.1 TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
FALLOW:	125											2	
NF TOTAL	18	0	0	6	0	19	21	4	0	0	0	0	0
NF-L.1 TOTAL	4	0	0	1	0	5	5	1	0	0	0		0
MILL:	2	0	0	1	0	3	4	1	0	0	0		0
SORG:	2	0	0	1	0	6	6	1	0	0	0		0
FALLOW:	14											2	
IR TOTAL	1894	691	0	1217	0	3978	25927	2143	0	0	0	1137	-21047
IR-L.1 TOTAL	239	0	0	1	0	3	14	2	0	0	0		-12
POTA:	1	0	0	1	0	3	57	6	0	0	0		-59
SPOT:	2	0	0	1	0	3	40	12	0	0	0		-48
VEGE:	62	2	0	1	0	3	23	7	0	0	0		-24
FRUI:	85	0	0	1	0	3	4	1	0	0	0		-1
OILC:	7	0	0	1	0	3	0	0	0	0	0		4
FODD:	82	0	0	1	0	3	18	0	0	0	0		-14

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Table 183 The K20-balance per crop and Land Use System for Sudan, 1983

	AREA 000 HA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
TOTAL	14724	300	28082	15054	0	6644	37573	71570	26475	0	51037	7798	-128777 (TON/CTY)
LR TOTAL	10188	15	18794	7958	0	0	7363	41764	11997	0	31327	6011	-59673 (TON/LNC)
LR-L.1 TOTAL	4177	0	4	2	0	0	2	10	3	0	7		-16 (KG/HA)
MILL:	992	0	5	2	0	0	1	12	3	0	8		-17 (KG/HA)
SORG:	2211	0	5	2	0	0	2	12	3	0	8		-18 (KG/HA)
PULS:	50	0	3	2	0	0	8	7	2	0	8		-20 (KG/HA)
VEGE:	17	0	10	2	0	0	9	21	3	0	8		-29 (KG/HA)
OILC:	10	0	0	2	0	0	1	1	2	0	8		-10 (KG/HA)
GROU:	215	0	2	2	0	0	2	4	2	0	8		-12 (KG/HA)
SESA:	682	0	2	2	0	0	2	4	2	0	8		-12 (KG/HA)
FALLOW:	6011											1	(KG/HA)
UR TOTAL	1944	0	7611	3447	0	0	3574	16625	7040	0	16620	836	-31965
UR-L.1 TOTAL	1019	0	7	3	0	0	3	16	6	0	15		-30
MAIZ:	19	0	3	3	0	0	2	6	5	0	15		-22
MILL:	283	0	8	3	0	0	2	17	6	0	15		-29
SORG:	555	0	8	3	0	0	3	18	6	0	15		-31
GROU:	144	0	5	3	0	0	6	11	5	0	15		-29
SESA:	18	0	3	3	0	0	2	6	5	0	15		-22
UR-L.2 TOTAL	24	0	6	3	0	0	7	2	7	0	15		-22
SPOT:	10	0	7	3	0	0	9	2	7	0	15		-23
CASS:	11	0	7	3	0	0	6	1	7	0	15		-19
FRUI:	2	0	7	3	0	0	11	14	4	0	15		-34
FODD:	1	0	7	3	0	0	7	0	7	0	15		-19
UR-L.3 TOTAL	65	0	0	3	0	0	6	0	14	0	15		-32
COTT:	65	0	0	3	0	0	6	0	14	0	15		-32
FALLOW:	836											1	
GR TOTAL	496	0	1677	868	0	0	1116	3497	1026	0	2610	258	-5446
GR-L.1 TOTAL	215	0	7	4	0	0	4	16	4	0	11		-24
MAIZ:	13	0	2	4	0	0	2	4	4	0	11		-15
MILL:	8	0	5	4	0	0	2	12	4	0	11		-20
SORG:	154	0	9	4	0	0	5	20	4	0	11		-27
GROU:	27	0	4	4	0	0	7	8	4	0	11		-22
SESA:	13	0	2	4	0	0	2	4	4	0	11		-15

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GR-L.2 TOTAL	18	0	6	4	0	0	8	2	6	0	7		-13
SPOT:	7	0	7	4	0	0	9	1	6	0	8		-13
CASS:	8	0	7	4	0	0	6	1	7	0	8		-11
FRUI:	2	0	7	4	0	0	11	8	3	0	8		-19
FODD:	1	0	7	4	0	0	7	0	7	0	8		-11
GR-L.3 TOTAL	5	0	0	4	0	0	6	0	13	0	11		-26
COTT:	5	0	0	4	0	0	6	0	13	0	11		-26
FALLOW:	258											1	
PR TOTAL	184	0	0	243	0	0	1403	186	85	0	480	125	-1786
PR-L.1 TOTAL	5	0	0	4	0	0	2	9	3	0	15		-25
MAIZ:	2	0	0	4	0	0	1	1	5	0	15		-18
SORG:	3	0	0	4	0	0	3	14	2	0	15		-30
PR-L.2 TOTAL	54	0	0	4	0	0	26	3	1	0	7		-33
SPOT:	27	0	0	4	0	0	32	4	0	0	8		-40
CASS:	27	0	0	4	0	0	20	2	2	0	8		-28
PR-H.1 TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
FALLOW:	125											1	
NF TOTAL	18	0	0	12	0	14	8	17	0	0	0	0	1
NF-L.1 TOTAL	4	0	0	3	0	3	2	4	0	0	0		0
MILL:	2	0	0	3	0	4	2	5	0	0	0		0
SORG:	2	0	0	3	0	3	2	4	0	0	0		0
FALLOW:	14											1	
IR TOTAL	1894	285	0	2526	0	6630	24109	9481	6327	0	0	568	-29908
IR-L.1 TOTAL	239	0	0	2	0	5	29	9	0	0	0		-31
POTA:	1	0	0	2	0	5	157	20	0	0	0		-170
SPOT:	2	0	0	2	0	5	195	17	0	0	0		-205
VEGE:	62	2	0	2	0	5	33	20	0	0	0		-44
FRUI:	85	0	0	2	0	5	18	9	0	0	0		-20
OILC:	7	0	0	2	0	5	2	1	1	0	0		3
FODD:	82	0	0	2	0	5	34	0	0	0	0		-27

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Table 184 The N-balance per crop and Land Use System for Sudan, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI.	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	15938	153899	20910	23980	59639	18463	159769	54419	583001	18653	83920	14918	-183253 (TON/CTY)
LR TOTAL	10142	17738	11699	11067	17412	0	38049	25997	16849	38072	45640	11156	-95535 (TON/LWC)
LR-L.1 TOTAL	4564	4	3	2	4	0	8	6	4	8	10		-23 (KG/HA)
MILL:	1071	2	3	2	3	0	8	7	3	8	10		-26 (KG/HA)
SORG:	2449	6	3	2	3	0	9	6	4	9	10		-24 (KG/HA)
PULS:	54	4	2	2	14	0	12	5	3	8	10		-16 (KG/HA)
VEGE:	17	6	4	2	3	0	30	8	2	7	10		-42 (KG/HA)
OILC:	10	1	0	2	3	0	1	0	4	8	10		-17 (KG/HA)
GROU:	306	2	2	2	13	0	11	4	3	7	10		-16 (KG/HA)
SESA:	657	1	1	2	3	0	6	2	3	8	10		-22 (KG/HA)
FALLOW:	5578											2	(KG/HA)
UR TOTAL	2467	18959	7772	6447	13904	0	27391	17121	11172	20347	32560	1677	-59832
UR-L.1 TOTAL	1452	12	5	4	9	0	18	12	7	12	20		-39
MAIZ:	26	2	3	4	4	0	12	6	5	10	20		-40
MILL:	382	5	7	4	4	0	15	15	5	10	20		-45
SORG:	786	18	5	4	4	0	15	10	9	14	20		-37
GROU:	241	5	6	4	35	0	33	13	3	8	20		-27
SESA:	17	2	2	4	4	0	9	3	5	10	20		-35
UR-L.2 TOTAL	30	3	4	4	4	0	8	4	6	10	20		-33
SPOT:	12	2	4	4	4	0	7	2	6	11	20		-32
CASS:	14	0	4	4	4	0	7	6	4	9	20		-34
FRUI:	3	11	4	4	4	0	13	6	7	12	20		-35
FOOD:	1	15	4	4	4	0	9	0	10	15	20		-27
UR-L.3 TOTAL	146	11	0	4	4	0	9	0	7	20	20		-37
COTT:	146	11	0	4	4	0	9	0	7	20	20		-37
FALLOW:	839											2	
GR TOTAL	613	7175	1439	1537	2536	0	7653	3054	2975	4728	4850	564	-10009
GR-L.1 TOTAL	302	23	4	5	8	0	24	10	9	14	15		-32
MAIZ:	17	4	2	5	2	0	13	5	5	10	15		-35
MILL:	8	8	4	5	2	0	15	10	5	11	15		-37
SORG:	210	30	5	5	2	0	23	11	11	17	15		-35
GROU:	55	8	4	5	36	0	37	10	4	9	15		-22
SESA:	12	4	1	5	2	0	9	2	6	11	15		-31

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GR-L.2 TOTAL	23	4	4	5	2	0	9	3	6	11	10			-24
SPOT:	10	4	4	5	2	0	9	1	7	12	10			-24
CASS:	10	0	4	5	2	0	9	4	4	9	10			-25
FRUI:	2	18	4	5	2	0	12	3	10	15	10			-21
FOOD:	1	25	4	5	2	0	10	0	13	18	10			-15
GR-L.3 TOTAL	6	19	0	5	2	0	11	0	9	24	15			-33
COTT:	6	19	0	5	2	0	11	0	9	24	15			-33
FALLOW:	282												2	
PR TOTAL	231	3180	0	435	415	0	1955	382	1130	1817	870	295		-1829
PR-L.1 TOTAL	8	20	0	5	5	0	12	5	10	18	20			-35
MAIZ:	3	4	0	5	5	0	7	2	6	14	20			-35
SORG:	5	30	0	5	5	0	15	7	12	21	20			-35
PR-L.2 TOTAL	67	2	0	5	5	0	20	5	3	11	10			-37
SPOT:	30	4	0	5	5	0	24	3	4	12	10			-39
CASS:	37	0	0	5	5	0	18	7	2	10	10			-37
PR-H.1 TOTAL	8	362	0	5	5	0	63	0	109	117	5			78
TEAS:	8	363	0	5	5	0	63	0	109	117	5			79
FALLOW:	148												2	
NF TOTAL	34	275	0	37	140	83	109	25	112	254	0	0		35
NF-L.1 TOTAL	10	28	0	4	14	8	11	2	11	25	0			5
RICE:	6	33	0	4	22	0	10	2	13	27	0			7
MILL:	2	8	0	4	2	25	12	3	5	19	0			0
SORG:	2	30	0	4	2	16	12	2	12	26	0			0
FALLOW:	24												2	
IR TOTAL	2451	106572	0	4457	25232	18380	84612	7840	26062	53435	0	1225		-16083
IR-L.1 TOTAL	316	36	0	2	2	10	58	4	6	17	0			-35
POTA:	2	100	0	2	2	10	97	10	18	29	0			-40
SPOT:	3	6	0	2	2	10	118	10	0	3	0			-111
VEGE:	80	46	0	2	2	10	122	9	1	11	0			-83
FRUI:	113	28	0	2	2	10	20	4	8	18	0			-8
OILC:	9	10	0	2	2	10	1	0	6	16	0			1
FOOD:	109	38	0	2	2	10	53	0	9	20	0			-30

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Table 185 The P205-balance per crop and Land Use System for Sudan, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	15938	3201	15271	9078	0	5591	100633	38614	0	0	31041	14918	-122230 (TON/CTY)
LR TOTAL	10142	360	8854	4190	0	0	27855	19676	0	0	17115	11156	-40086 (TON/LWC)
LR-L.1 TOTAL	4564	0	2	1	0	0	6	4	0	0	4		-11 (KG/HA)
MILL:	1071	0	1	1	0	0	5	3	0	0	4		-10 (KG/HA)
SORG:	2449	0	3	1	0	0	8	6	0	0	4		-14 (KG/HA)
PULS:	54	0	0	1	0	0	5	1	0	0	4		-9 (KG/HA)
VEGE:	17	0	4	1	0	0	7	8	0	0	4		-14 (KG/HA)
OILC:	10	0	0	1	0	0	0	0	0	0	4		-3 (KG/HA)
GROU:	306	0	1	1	0	0	4	2	0	0	4		-8 (KG/HA)
SESA:	657	0	1	1	0	0	3	2	0	0	4		-7 (KG/HA)
FALLOW:	5578											2	(KG/HA)
UR TOTAL	2467	391	5230	2440	0	0	18997	11559	0	0	12210	1677	-33028
UR-L.1 TOTAL	1452	0	4	1	0	0	12	8	0	0	7		-22
MAIZ:	26	0	1	1	0	0	7	3	0	0	8		-16
MILL:	382	0	3	1	0	0	11	6	0	0	8		-21
SORG:	786	0	4	1	0	0	13	10	0	0	8		-26
GROU:	241	0	2	1	0	0	12	6	0	0	8		-23
SESA:	17	0	1	1	0	0	4	3	0	0	8		-13
UR-L.2 TOTAL	30	0	2	1	0	0	2	2	0	0	7		-8
SPOT:	12	0	2	1	0	0	3	2	0	0	8		-10
CASS:	14	0	2	1	0	0	2	3	0	0	8		-10
FRUI:	3	0	2	1	0	0	3	2	0	0	8		-10
FODD:	1	0	2	1	0	0	4	0	0	0	8		-9
UR-L.3 TOTAL	146	0	0	1	0	0	11	0	0	0	7		-17
COTT:	146	0	0	1	0	0	11	0	0	0	8		-18
FALLOW:	839											2	
GR TOTAL	613	141	1187	582	0	0	5399	2575	0	0	1455	564	-6955
GR-L.1 TOTAL	302	0	4	2	0	0	17	8	0	0	4		-23
MAIZ:	17	0	1	2	0	0	8	2	0	0	4		-11
MILL:	8	0	2	2	0	0	11	4	0	0	4		-15
SORG:	210	1	5	2	0	0	20	11	0	0	4		-27
GROU:	55	0	2	2	0	0	14	4	0	0	4		-18
SESA:	12	0	1	2	0	0	4	2	0	0	4		-7

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GR-L.2 TOTAL	23	0	2	2	0	0	3	2	0	0	3		-4
SPOT:	10	0	2	2	0	0	3	1	0	0	3		-3
CASS:	10	0	2	2	0	0	2	2	0	0	3		-3
FRUI:	2	1	2	2	0	0	3	1	0	0	3		-2
FODD:	1	1	2	2	0	0	4	0	0	0	3		-2
GR-L.3 TOTAL	6	0	0	2	0	0	13	0	0	0	4		-15
COTT:	6	0	0	2	0	0	13	0	0	0	4		-15
FALLOW:	282											2	
PR TOTAL	231	3	0	165	0	0	635	272	0	0	261	295	-705
PR-L.1 TOTAL	8	0	0	2	0	0	9	5	0	0	6		-18
MAIZ:	3	0	0	2	0	0	4	1	0	0	6		-9
SORG:	5	1	0	2	0	0	13	7	0	0	6		-23
PR-L.2 TOTAL	67	0	0	2	0	0	7	4	0	0	3		-12
SPOT:	30	0	0	2	0	0	9	3	0	0	3		-13
CASS:	37	0	0	2	0	0	5	4	0	0	3		-10
PR-H.1 TOTAL	8	0	0	2	0	0	16	0	0	0	1		-15
TEAS:	8	0	0	2	0	0	16	0	0	0	2		-16
FALLOW:	148											2	
NF TOTAL	34	2	0	14	0	77	79	14	0	0	0	0	0
NF-L.1 TOTAL	10	0	0	1	0	8	8	1	0	0	0		0
RICE:	6	0	0	1	0	7	7	1	0	0	0		0
MILL:	2	0	0	1	0	8	8	1	0	0	0		0
SORG:	2	1	0	1	0	10	10	2	0	0	0		0
FALLOW:	24											2	
IR TOTAL	2451	2304	0	1687	0	5514	47668	4518	0	0	0	1225	-41456
IR-L.1 TOTAL	316	1	0	1	0	3	18	3	0	0	0		-16
POTA:	2	0	0	1	0	3	66	7	0	0	0		-69
SPOT:	3	0	0	1	0	3	44	13	0	0	0		-53
VEGE:	80	1	0	1	0	3	28	9	0	0	0		-32
FRUI:	113	1	0	1	0	3	5	1	0	0	0		-1
OILC:	9	0	0	1	0	3	0	0	0	0	0		4
FODD:	109	1	0	1	0	3	23	0	0	0	0		-18

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Table 186 The K20-balance per crop and Land Use System for Sudan, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	15938	1201	57233	18842	0	9285	69665149259	38121	0	62939	7459	-225963 (TON/CTY)	
LR TOTAL	10142	71	32964	8696	0	0	11982	73254	15273	0	34230	5578	-87430 (TON/LWC)
LR-L.1 TOTAL	4564	0	7	2	0	0	3	16	3	0	7		-20 (KG/HA)
MILL:	1071	0	10	2	0	0	3	23	4	0	8		-26 (KG/HA)
SORG:	2449	0	8	2	0	0	3	18	4	0	8		-23 (KG/HA)
PULS:	54	0	3	2	0	0	8	7	2	0	8		-20 (KG/HA)
VEGE:	17	0	10	2	0	0	10	23	3	0	8		-32 (KG/HA)
OILC:	10	0	1	2	0	0	2	1	2	0	8		-10 (KG/HA)
GROU:	306	0	2	2	0	0	3	5	2	0	8		-14 (KG/HA)
SESA:	657	0	2	2	0	0	2	4	2	0	8		-12 (KG/HA)
FALLOW:	5578											1	(KG/HA)
UR TOTAL	2467	72	20615	5065	0	0	8916	45492	12171	0	24420	839	-64408
UR-L.1 TOTAL	1452	0	14	3	0	0	5	31	7	0	15		-41
MAIZ:	26	0	7	3	0	0	4	15	6	0	15		-30
MILL:	382	0	21	3	0	0	5	46	8	0	15		-50
SORG:	786	0	13	3	0	0	5	30	7	0	15		-41
GROU:	241	0	7	3	0	0	9	16	5	0	15		-35
SESA:	17	0	3	3	0	0	2	6	5	0	15		-22
UR-L.2 TOTAL	30	0	6	3	0	0	11	4	6	0	15		-27
SPOT:	12	0	7	3	0	0	13	3	6	0	15		-27
CASS:	14	0	7	3	0	0	9	2	7	0	15		-23
FRUI:	3	0	7	3	0	0	16	19	3	0	15		-43
FODD:	1	0	7	3	0	0	7	0	7	0	15		-19
UR-L.3 TOTAL	146	0	0	3	0	0	5	0	12	0	15		-29
COTT:	146	0	0	3	0	0	5	0	12	0	15		-29
FALLOW:	839											1	
GR TOTAL	613	31	3654	1208	0	0	2541	7841	1398	0	3637	282	-10242
GR-L.1 TOTAL	302	0	12	4	0	0	7	26	4	0	11		-32
MAIZ:	17	0	5	4	0	0	5	11	4	0	11		-22
MILL:	8	0	14	4	0	0	5	31	4	0	11		-33
SORG:	210	0	14	4	0	0	7	32	4	0	11		-36
GROU:	55	0	5	4	0	0	10	12	3	0	11		-27
SESA:	12	0	2	4	0	0	2	4	4	0	11		-15

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GR-L.2	TOTAL	23	0	6	4	0	0	13	2	5	0	7		-17
	SPOT:	10	0	7	4	0	0	16	2	5	0	8		-20
	CASS:	10	0	7	4	0	0	11	1	6	0	8		-15
	FRUI:	2	1	7	4	0	0	15	11	2	0	8		-24
	FODD:	1	0	7	4	0	0	8	0	6	0	8		-11
GR-L.3	TOTAL	6	0	0	4	0	0	6	0	13	0	11		-26
	COTT:	6	0	0	4	0	0	6	0	13	0	11		-26
	FALLOW:	282											1	
PR	TOTAL	231	101	0	342	0	0	2347	329	156	0	652	148	-2893
PR-L.1	TOTAL	8	0	0	4	0	0	4	14	2	0	15		-31
	MAIZ:	3	0	0	4	0	0	2	6	4	0	15		-23
	SORG:	5	0	0	4	0	0	5	20	1	0	15		-37
PR-L.2	TOTAL	67	0	0	4	0	0	31	3	1	0	7		-38
	SPOT:	30	0	0	4	0	0	43	5	0	0	8		-52
	CASS:	37	0	0	4	0	0	21	2	2	0	8		-29
PR-H.1	TOTAL	8	12	0	4	0	0	29	0	8	0	4		-25
	TEAS:	8	13	0	4	0	0	29	0	8	0	4		-24
	FALLOW:	148											1	
NF	TOTAL	34	0	0	29	0	95	37	87	0	0	0	0	0
NF-L.1	TOTAL	10	0	0	3	0	9	4	9	0	0	0		-1
	RICE:	6	0	0	3	0	10	4	9	0	0	0		0
	MILL:	2	0	0	3	0	10	4	9	0	0	0		0
	SORG:	2	0	0	3	0	7	4	6	0	0	0		0
	FALLOW:	24											1	
IR	TOTAL	2451	926	0	3502	0	9190	43842	22256	9123	0	0	613	-60990
IR-L.1	TOTAL	316	1	0	2	0	5	38	11	0	0	0		-41
	POTA:	2	0	0	2	0	5	183	24	0	0	0		-200
	SPOT:	3	0	0	2	0	5	216	19	0	0	0		-228
	VEGE:	80	1	0	2	0	5	42	25	0	0	0		-59
	FRUI:	113	1	0	2	0	5	24	12	0	0	0		-28
	OILC:	9	0	0	2	0	5	2	1	1	0	0		3
	FODD:	109	0	0	2	0	5	44	0	0	0	0		-37

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Table 187 The N-balance per crop and Land Use System for Swaziland, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	215	7061	249	589	559	490	4409	762	2270	3662	2540	152	-4542 (TON/CTY)
LR TOTAL	29	24	32	41	36	0	127	56	48	107	330	35	-500 (TON/LWC)
LR-L.1 TOTAL	7	1	3	3	3	0	11	6	4	7	30		-48 (KG/HA)
MAIZ:	5	2	3	3	3	0	13	7	4	7	30		-50 (KG/HA)
SORG:	2	0	2	3	3	0	6	4	4	7	30		-43 (KG/HA)
LR-L.2 TOTAL	3	3	4	3	3	0	10	4	5	8	20		-34
VEGE:	1	0	4	3	3	0	19	5	3	7	20		-44
FRUI:	2	4	4	3	3	0	5	4	6	9	20		-30
LR-L.3 TOTAL	2	3	0	3	3	0	9	0	4	15	30		-49
COTT:	2	3	0	3	3	0	9	0	4	15	30		-49
FALLOW:	17											2	(KG/HA)
UR TOTAL	70	212	149	143	154	0	698	331	174	389	1050	70	-1914
UR-L.1 TOTAL	26	6	5	4	5	0	20	10	5	10	30		-55
MAIZ:	25	6	5	4	4	0	20	11	5	10	30		-57
GROU:	1	0	3	4	18	0	15	6	4	9	30		-39
UR-L.2 TOTAL	6	6	4	4	4	0	21	10	5	10	30		-58
POTA:	2	0	2	4	4	0	9	3	4	9	30		-45
VEGE:	1	0	6	4	4	0	46	12	1	5	30		-80
FRUI:	3	12	6	4	4	0	20	13	7	12	30		-56
UR-L.3 TOTAL	3	10	0	4	4	0	19	0	5	26	30		-62
COTT:	3	10	0	4	4	0	19	0	5	26	30		-62
FALLOW:	35											2	
GR TOTAL	56	788	68	188	246	0	888	145	368	641	960	36	-1676
GR-L.1 TOTAL	26	8	2	5	7	0	22	5	6	12	30		-53
MAIZ:	20	10	3	5	5	0	25	6	6	12	30		-56
PULS:	5	0	1	5	14	0	10	2	5	12	30		-39
GROU:	1	0	1	5	15	0	11	2	5	12	30		-39
GR-L.2 TOTAL	2	0	3	5	5	0	27	3	4	10	20		-51
POTA:	1	0	4	5	5	0	9	1	6	13	20		-35
VEGE:	1	0	4	5	5	0	46	4	2	8	20		-66

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Table 188 The P205-balance per crop and Land Use System for Swaziland, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	215	4641	122	223	0	147	3287	768	0	0	953	152	278 (TON/CTY)
LR TOTAL	29	16	17	16	0	0	77	32	0	0	124	35	-149 (TON/LWC)
LR-L.1 TOTAL	7	1	2	1	0	0	7	4	0	0	11		-18 (KG/HA)
MAIZ:	5	1	2	1	0	0	8	3	0	0	11		-18 (KG/HA)
SORG:	2	0	2	1	0	0	5	4	0	0	11		-17 (KG/HA)
LR-L.2 TOTAL	3	3	2	1	0	0	2	2	0	0	7		-5
VEGE:	1	0	2	1	0	0	4	5	0	0	8		-14
FRUI:	2	4	2	1	0	0	1	1	0	0	8		-3
LR-L.3 TOTAL	2	2	0	1	0	0	11	0	0	0	11		-19
COTT:	2	2	0	1	0	0	11	0	0	0	11		-19
FALLOW:	17											2	(KG/HA)
UR TOTAL	70	124	73	54	0	0	392	161	0	0	394	70	-626
UR-L.1 TOTAL	26	3	2	2	0	0	11	5	0	0	11		-20
MAIZ:	25	3	2	2	0	0	11	5	0	0	11		-20
GROU:	1	0	1	2	0	0	5	2	0	0	11		-15
UR-L.2 TOTAL	6	6	2	2	0	0	6	5	0	0	11		-12
POTA:	2	0	1	2	0	0	6	2	0	0	11		-16
VEGE:	1	0	6	2	0	0	11	12	0	0	11		-26
FRUI:	3	12	2	2	0	0	5	4	0	0	11		-4
UR-L.3 TOTAL	3	5	0	2	0	0	22	0	0	0	11		-26
COTT:	3	5	0	2	0	0	22	0	0	0	11		-26
FALLOW:	35											2	
GR TOTAL	56	574	32	71	0	0	430	72	0	0	360	36	-149
GR-L.1 TOTAL	26	4	1	2	0	0	12	2	0	0	11		-18
MAIZ:	20	5	1	2	0	0	14	3	0	0	11		-20
PULS:	5	0	0	2	0	0	4	0	0	0	11		-13
GROU:	1	0	0	2	0	0	4	1	0	0	11		-14
GR-L.2 TOTAL	2	0	2	2	0	0	8	2	0	0	7		-13
POTA:	1	0	2	2	0	0	6	1	0	0	8		-11
VEGE:	1	0	2	2	0	0	11	4	0	0	8		-19

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Table 189 The K20-balance per crop and Land Use System for Swaziland, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	215	2623	596	462	0	245	6238	1666	1693	0	1904	76	-7499 (TON/CTY)
LR TOTAL	29	8	69	32	0	0	56	147	73	0	247	17	-397 (TON/LWC)
LR-L.1 TOTAL	7	0	7	3	0	0	4	16	5	0	22		-37 (KG/HA)
MAIZ:	5	0	8	3	0	0	5	17	5	0	23		-39 (KG/HA)
SORG:	2	0	5	3	0	0	2	12	5	0	23		-34 (KG/HA)
LR-L.2 TOTAL	3	3	6	3	0	0	6	13	6	0	15		-28
VEGE:	1	0	7	3	0	0	7	15	4	0	15		-31
FRUI:	2	4	7	3	0	0	6	12	7	0	15		-26
LR-L.3 TOTAL	2	0	0	3	0	0	5	0	11	0	22		-35
COTT:	2	0	0	3	0	0	5	0	11	0	23		-36
FALLOW:	17											1	(KG/HA)
UR TOTAL	70	36	374	112	0	0	328	831	282	0	787	35	-1671
UR-L.1 TOTAL	26	0	11	3	0	0	7	25	7	0	22		-47
MAIZ:	25	0	12	3	0	0	7	26	7	0	23		-48
GROU:	1	0	3	3	0	0	4	7	5	0	23		-33
UR-L.2 TOTAL	6	6	14	3	0	0	20	31	9	0	22		-59
POTA:	2	0	4	3	0	0	17	8	4	0	23		-45
VEGE:	1	0	16	3	0	0	16	36	7	0	23		-63
FRUI:	3	12	20	3	0	0	24	44	13	0	23		-69
UR-L.3 TOTAL	3	0	0	3	0	0	11	0	20	0	22		-50
COTT:	3	0	0	3	0	0	11	0	20	0	23		-51
FALLOW:	35											1	
GR TOTAL	56	660	153	148	0	0	605	363	479	0	720	18	-1188
GR-L.1 TOTAL	26	0	5	4	0	0	8	12	5	0	22		-38
MAIZ:	20	0	7	4	0	0	9	15	5	0	23		-41
PULS:	5	0	1	4	0	0	7	3	6	0	23		-34
GROU:	1	0	1	4	0	0	3	3	7	0	23		-31
GR-L.2 TOTAL	2	0	5	4	0	0	16	7	5	0	15		-34
POTA:	1	0	6	4	0	0	17	3	7	0	15		-32
VEGE:	1	0	6	4	0	0	16	12	3	0	15		-36

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Table 190 The N-balance per crop and Land Use System for Swaziland, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	258	10728	626	876	1014	570	7682	1662	3324	5247	4260	105	-8256 (TON/CTY)
LR TOTAL	31	174	65	75	66	0	260	130	123	219	630	18	-964 (TON/LWC)
LR-L.1 TOTAL	17	8	3	3	3	0	12	7	6	9	30		-47 (KG/HA)
MAIZ:	14	6	3	3	3	0	12	6	5	9	30		-47 (KG/HA)
SORG:	3	20	5	3	3	0	15	10	9	13	30		-46 (KG/HA)
LR-L.2 TOTAL	3	7	4	3	3	0	11	4	6	9	20		-33
VEGE:	1	0	4	3	3	0	23	6	3	6	20		-48
FRUI:	2	10	4	3	3	0	5	4	8	11	20		-28
LR-L.3 TOTAL	2	5	0	3	3	0	9	0	4	16	30		-48
COTT:	2	5	0	3	3	0	9	0	4	16	30		-48
FALLOW:	9											2	(KG/HA)
UR TOTAL	76	933	350	245	332	0	1631	778	429	777	1800	32	-3523
UR-L.1 TOTAL	45	17	7	4	6	0	29	15	7	12	30		-59
MAIZ:	42	18	7	4	4	0	29	15	8	13	30		-62
GROU:	3	0	6	4	35	0	33	13	2	7	30		-60
UR-L.2 TOTAL	11	11	4	4	4	0	23	10	6	11	30		-57
POTA:	4	0	2	4	4	0	10	4	4	9	30		-47
SPOT:	1	0	3	4	4	0	18	6	3	8	30		-54
VEGE:	2	0	7	4	4	0	59	16	0	4	30		-94
FRUI:	4	30	6	4	4	0	20	13	12	17	30		-48
UR-L.3 TOTAL	4	14	0	4	4	0	19	0	6	27	30		-60
COTT:	4	14	0	4	4	0	19	0	6	27	30		-60
FALLOW:	16											2	
GR TOTAL	77	2123	211	297	407	0	2456	466	704	1123	1550	34	-3227
GR-L.1 TOTAL	44	24	5	5	7	0	43	10	8	14	30		-64
WHEA:	2	0	1	5	5	0	42	3	2	8	30		-74
MAIZ:	35	30	5	5	5	0	49	12	9	15	30		-70
PULS:	6	0	1	5	16	0	12	2	5	11	30		-38
GROU:	1	0	4	5	46	0	45	8	1	7	30		-36

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Table 191 The P205-balance per crop and Land Use System for Swaziland, 2000

		AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
		000 HA												
TOTAL		258	6664	318	331	0	171	5215	1275	0	0	1597	105	-498 (TON/CTY)
LR	TOTAL	31	122	39	29	0	0	160	80	0	0	236	18	-268 (TON/LWC)
LR-L.1	TOTAL	17	6	2	1	0	0	8	4	0	0	11		-14 (KG/HA)
	MAIZ:	14	3	1	1	0	0	7	3	0	0	11		-16 (KG/HA)
	SORG:	3	20	4	1	0	0	13	10	0	0	11		-9 (KG/HA)
LR-L.2	TOTAL	3	4	2	1	0	0	3	3	0	0	7		-6
	VEGE:	1	0	2	1	0	0	5	6	0	0	8		-16
	FRUI:	2	7	2	1	0	0	1	1	0	0	8		0
LR-L.3	TOTAL	2	2	0	1	0	0	11	0	0	0	11		-19
	COTT:	2	2	0	1	0	0	11	0	0	0	11		-19
	FALLOW:	9											2	(KG/HA)
UR	TOTAL	76	505	176	93	0	0	878	392	0	0	675	32	-1139
UR-L.1	TOTAL	45	9	3	2	0	0	16	7	0	0	11		-20
	MAIZ:	42	9	3	2	0	0	16	7	0	0	11		-20
	GROU:	3	0	2	2	0	0	12	6	0	0	11		-25
UR-L.2	TOTAL	11	7	3	2	0	0	7	6	0	0	11		-12
	POTA:	4	0	1	2	0	0	7	3	0	0	11		-18
	SPOT:	1	0	3	2	0	0	7	8	0	0	11		-21
	VEGE:	2	0	7	2	0	0	14	16	0	0	11		-32
	FRUI:	4	20	2	2	0	0	5	4	0	0	11		4
UR-L.3	TOTAL	4	7	0	2	0	0	22	0	0	0	11		-24
	COTT:	4	7	0	2	0	0	22	0	0	0	11		-24
	FALLOW:	16											2	
GR	TOTAL	77	1324	103	112	0	0	1235	234	0	0	581	34	-477
GR-L.1	TOTAL	44	12	2	2	0	0	24	5	0	0	11		-24
	WHEA:	2	0	1	2	0	0	19	3	0	0	11		-30
	MAIZ:	35	16	3	2	0	0	27	6	0	0	11		-23
	PULS:	6	0	0	2	0	0	5	0	0	0	11		-14
	GROU:	1	0	2	2	0	0	16	3	0	0	11		-26

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Table 192 The K20-balance per crop and Land Use System for Swaziland, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	258	3563	1505	687	0	285	8121	3863	2474	0	3194	52	-11560 (TON/CTY)
LR TOTAL	31	17	153	59	0	0	101	339	127	0	472	9	-801 (TON/LWC)
LR-L.1 TOTAL	17	0	8	3	0	0	4	18	5	0	22		-38 (KG/HA)
MAIZ:	14	0	7	3	0	0	4	15	5	0	23		-37 (KG/HA)
SORG:	3	0	13	3	0	0	5	30	6	0	23		-48 (KG/HA)
LR-L.2 TOTAL	3	4	6	3	0	0	7	14	7	0	15		-30
VEGE:	1	0	7	3	0	0	8	18	4	0	15		-35
FRUI:	2	7	7	3	0	0	6	12	8	0	15		-24
LR-L.3 TOTAL	2	0	0	3	0	0	5	0	11	0	22		-35
COTT:	2	0	0	3	0	0	5	0	11	0	23		-36
FALLOW:	9											1	(KG/HA)
UR TOTAL	76	116	849	192	0	0	720	1887	519	0	1350	16	-3303
UR-L.1 TOTAL	45	1	16	3	0	0	10	35	8	0	22		-55
MAIZ:	42	1	16	3	0	0	10	36	8	0	23		-57
GROU:	3	0	7	3	0	0	9	16	6	0	23		-44
UR-L.2 TOTAL	11	7	13	3	0	0	22	29	9	0	22		-59
POTA:	4	0	4	3	0	0	18	9	4	0	23		-47
SPOT:	1	0	5	3	0	0	33	11	3	0	23		-62
VEGE:	2	0	21	3	0	0	20	47	7	0	23		-73
FRUI:	4	20	20	3	0	0	24	44	17	0	23		-65
UR-L.3 TOTAL	4	0	0	3	0	0	11	0	20	0	22		-50
COTT:	4	0	0	3	0	0	11	0	20	0	23		-51
FALLOW:	16											1	
GR TOTAL	77	1300	503	233	0	0	1358	1167	792	0	1162	17	-2426
GR-L.1 TOTAL	44	1	11	4	0	0	15	25	5	0	22		-51
WHEA:	2	0	10	4	0	0	13	21	4	0	23		-47
MAIZ:	35	1	13	4	0	0	17	29	4	0	23		-55
PULS:	6	0	1	4	0	0	8	3	6	0	23		-35
GROU:	1	0	5	4	0	0	12	10	5	0	23		-41

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GR	TOTAL	3521	9384	3332	10647	9594	0	57298	15307	6488	20816	46070	1972	-111050
GR-L.1	TOTAL	1479	3	0	4	5	0	19	4	2	8	20		-41
	WHEA:	24	4	0	4	2	0	38	2	1	7	20		-58
	MAIZ:	703	3	0	4	2	0	22	5	2	8	20		-48
	BARL:	2	0	0	4	2	0	22	3	2	7	20		-48
	MILL:	105	2	0	4	2	0	23	9	0	6	20		-50
	SORG:	267	4	0	4	2	0	19	5	2	8	20		-44
	PULS:	325	2	0	4	13	0	12	2	3	9	20		-27
	SOYB:	3	0	0	4	22	0	25	3	1	7	20		-30
	GROU:	38	2	0	4	26	0	26	4	1	7	20		-26
	SESA:	12	0	0	4	2	0	9	1	3	9	20		-36
GR-L.2	TOTAL	740	5	4	4	2	0	35	12	2	6	15		-55
	POTA:	14	8	4	4	2	0	26	4	4	10	15		-41
	SPOT:	51	1	4	4	2	0	33	4	2	7	15		-50
	CASS:	264	10	4	4	2	0	55	27	0	0	15		-77
	PLAN:	35	7	4	4	2	0	6	3	7	12	15		-26
	VEGE:	160	2	4	4	2	0	42	5	1	7	15		-58
	BANA:	35	6	4	4	2	0	10	4	6	11	15		-30
	FRUI:	86	2	4	4	2	0	8	2	5	11	15		-29
	SUNF:	52	3	4	4	2	0	14	4	4	10	15		-34
	TOBA:	24	0	4	4	2	0	28	0	3	9	15		-45
	FIBR:	19	3	4	4	2	0	2	0	7	12	15		-23
GR-L.3	TOTAL	167	2	0	4	2	0	7	0	4	16	20		-39
	COTT:	167	2	0	4	2	0	7	0	4	16	20		-39
GR-H.1	TOTAL	93	9	4	4	2	0	10	3	7	13	10		-24
	PLAN:	35	10	4	4	2	0	6	3	8	13	10		-20
	BANA:	35	9	4	4	2	0	10	4	7	12	10		-24
	COFF:	20	4	4	4	2	0	14	1	6	11	10		-28
	TEAS:	3	33	4	4	2	0	24	0	13	19	10		-23
GR-H.2	TOTAL	56	2	0	4	2	0	7	0	4	14	20		-37
	COTT:	56	2	0	4	2	0	7	0	4	15	20		-38
	FALLOW:	986											2	
PR	TOTAL	750	2318	0	2384	3468	0	29066	4421	1296	3087	8850	300	-38250
PR-L.1	TOTAL	200	3	0	4	7	0	15	2	3	6	20		-32
	WHEA:	17	4	0	4	5	0	25	1	3	6	20		-42
	RICE:	12	7	0	4	5	0	10	2	4	7	20		-27
	MAIZ:	77	3	0	4	5	0	18	3	2	5	20		-36
	MILL:	15	2	0	4	5	0	15	4	2	5	20		-35
	SORG:	23	4	0	4	5	0	13	2	3	6	20		-31
	PULS:	53	2	0	4	12	0	8	1	4	7	20		-22
	GROU:	3	2	0	4	29	0	26	3	1	4	20		-19

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PR-L.2 TOTAL	82	8	0	4	5	0	44	13	1	4	20			-65
POTA:	3	8	0	4	5	0	40	4	1	4	20			-52
SPOT:	5	1	0	4	5	0	27	2	1	4	20			-44
CASS:	45	10	0	4	5	0	66	21	0	3	20			-91
PLAN:	22	7	0	4	5	0	10	3	4	7	20			-28
BANA:	7	6	0	4	5	0	17	5	2	5	20			-34
PR-H.1 TOTAL	318	3	0	4	5	0	71	9	2	5	10			-85
PLAN:	7	10	0	4	5	0	10	5	5	8	10			-19
BANA:	22	9	0	4	5	0	17	7	3	6	10			-25
PALM:	7	0	0	4	5	0	3	1	4	7	10			-16
COCN:	182	0	0	4	5	0	110	15	0	3	10			-129
COFF:	87	4	0	4	5	0	18	1	4	7	10			-27
TEAS:	13	33	0	4	5	0	38	0	10	13	10			-29
PR-H.2 TOTAL	0	0	0	0	0	0	0	0	0	0	0			0
FALLOW:	150													2
NF TOTAL	282	1213	0	1159	6072	1553	3842	901	1034	4221	0	0		-1
NF-L.1 TOTAL	276	4	0	4	22	6	14	3	4	15	0			0
RICE:	276	4	0	4	22	6	14	3	4	15	0			0
FALLOW:	6													2
IR TOTAL	100	862	0	443	920	1000	2478	553	449	1466	0	0		-1721
IR-H.1 TOTAL	49	9	0	4	17	10	33	10	3	13	0			-19
RICE:	36	11	0	4	22	10	26	10	5	15	0			-9
MAIZ:	13	5	0	4	2	10	52	12	0	10	0			-53
IR-H.2 TOTAL	51	8	0	4	2	10	17	1	6	16	0			-16
CANE:	42	10	0	4	2	10	20	1	6	16	0			-17
CITR:	9	0	0	4	2	10	6	0	5	15	0			-10

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GR	TOTAL	3521	3739	1666	4031	0	0	26518	8633	0	0	13821	1972	-37564
GR-L.1	TOTAL	1479	1	0	2	0	0	12	2	0	0	6		-17
	WHEA:	24	4	0	2	0	0	17	2	0	0	6		-19
	MAIZ:	703	1	0	2	0	0	12	2	0	0	6		-17
	BARL:	2	0	0	2	0	0	9	1	0	0	6		-14
	MILL:	105	0	0	2	0	0	16	4	0	0	6		-24
	SORG:	267	1	0	2	0	0	16	5	0	0	6		-24
	PULS:	325	2	0	2	0	0	5	0	0	0	6		-7
	SOYB:	3	0	0	2	0	0	10	1	0	0	6		-15
	GROU:	38	2	0	2	0	0	10	2	0	0	6		-14
	SESA:	12	0	0	2	0	0	4	1	0	0	6		-9
GR-L.2	TOTAL	740	2	2	2	0	0	10	7	0	0	4		-15
	POTA:	14	4	2	2	0	0	18	3	0	0	4		-17
	SPOT:	51	0	2	2	0	0	12	6	0	0	4		-18
	CASS:	264	4	2	2	0	0	14	14	0	0	4		-24
	PLAN:	35	3	2	2	0	0	2	2	0	0	4		-1
	VEGE:	160	1	2	2	0	0	10	5	0	0	4		-14
	BANA:	35	2	2	2	0	0	6	2	0	0	4		-6
	FRUI:	86	1	2	2	0	0	2	1	0	0	4		-2
	SUNF:	52	2	2	2	0	0	5	1	0	0	4		-4
	TOBA:	24	0	2	2	0	0	9	0	0	0	4		-9
	FIBR:	19	3	2	2	0	0	0	0	0	0	4		3
GR-L.3	TOTAL	167	0	0	2	0	0	9	0	0	0	6		-13
	COTT:	167	0	0	2	0	0	9	0	0	0	6		-13
GR-H.1	TOTAL	93	3	2	2	0	0	3	1	0	0	3		0
	PLAN:	35	4	2	2	0	0	2	2	0	0	3		1
	BANA:	35	4	2	2	0	0	6	2	0	0	3		-3
	COFF:	20	1	2	2	0	0	2	1	0	0	3		-1
	TEAS:	3	7	2	2	0	0	6	0	0	0	3		2
GR-H.2	TOTAL	56	0	0	2	0	0	9	0	0	0	6		-13
	COTT:	56	0	0	2	0	0	9	0	0	0	6		-13
	FALLOW:	986											2	
PR	TOTAL	750	836	0	902	0	0	8784	2293	0	0	2655	300	-11694
PR-L.1	TOTAL	200	1	0	1	0	0	8	1	0	0	6		-13
	WHEA:	17	4	0	1	0	0	11	1	0	0	6		-13
	RICE:	12	1	0	1	0	0	7	1	0	0	6		-12
	MAIZ:	77	1	0	1	0	0	10	1	0	0	6		-15
	MILL:	15	0	0	1	0	0	11	2	0	0	6		-18
	SORG:	23	1	0	1	0	0	11	2	0	0	6		-17
	PULS:	53	2	0	1	0	0	3	0	0	0	6		-6
	GROU:	3	2	0	1	0	0	10	1	0	0	6		-14

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PR-L.2 TOTAL	82	3	0	2	0	0	13	7	0	0	6		-21
POTA:	3	4	0	1	0	0	27	3	0	0	6		-31
SPOT:	5	0	0	1	0	0	10	3	0	0	6		-18
CASS:	45	4	0	1	0	0	17	11	0	0	6		-29
PLAN:	22	3	0	1	0	0	3	2	0	0	6		-7
BANA:	7	2	0	1	0	0	10	2	0	0	6		-15
PR-H.1 TOTAL	318	1	0	2	0	0	19	5	0	0	3		-24
PLAN:	7	4	0	1	0	0	3	3	0	0	3		-4
BANA:	22	4	0	1	0	0	10	3	0	0	3		-11
PALM:	7	0	0	1	0	0	2	0	0	0	3		-4
COCN:	182	0	0	1	0	0	30	7	0	0	3		-39
COFF:	87	1	0	1	0	0	3	1	0	0	3		-5
TEAS:	13	7	0	1	0	0	10	0	0	0	3		-5
PR-H.2 TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
FALLOW:	150												2
NF TOTAL	282	214	0	439	0	2394	2583	464	0	0	0	0	0
NF-L.1 TOTAL	276	1	0	2	0	9	9	2	0	0	0		1
RICE:	276	1	0	2	0	9	9	2	0	0	0		0
FALLOW:	6												2
IR TOTAL	100	188	0	168	0	300	1703	301	0	0	0	0	-1348
IR-H.1 TOTAL	49	2	0	2	0	3	20	4	0	0	0		-17
RICE:	36	2	0	2	0	3	17	4	0	0	0		-14
MAIZ:	13	1	0	2	0	3	29	5	0	0	0		-28
IR-H.2 TOTAL	51	2	0	2	0	3	14	2	0	0	0		-9
CANE:	42	2	0	2	0	3	17	2	0	0	0		-12
CITR:	9	0	0	2	0	3	2	0	0	0	0		3

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GR	TOTAL	3521	1554	5414	8365	0	0	43036	25713	3634	0	34552	986	-90616
GR-L.1	TOTAL	1479	0	0	3	0	0	7	11	0	0	15		-30
	WHEA:	24	0	0	3	0	0	12	16	0	0	15		-40
	MAIZ:	703	0	0	3	0	0	7	11	0	0	15		-30
	BARL:	2	0	0	3	0	0	10	11	0	0	15		-33
	MILL:	105	0	0	3	0	0	8	28	0	0	15		-48
	SORG:	267	0	0	3	0	0	6	15	0	0	15		-33
	PULS:	325	0	0	3	0	0	8	3	2	0	15		-25
	SOYB:	3	0	0	3	0	0	10	2	2	0	15		-26
	GROU:	38	0	0	3	0	0	7	5	1	0	15		-25
	SESA:	12	0	0	3	0	0	2	2	2	0	15		-18
GR-L.2	TOTAL	740	2	6	3	0	0	38	10	1	0	11		-49
	POTA:	14	0	7	3	0	0	49	10	0	0	11		-60
	SPOT:	51	1	7	3	0	0	61	8	0	0	11		-69
	CASS:	264	3	7	3	0	0	66	7	0	0	11		-71
	PLAN:	35	2	7	3	0	0	33	18	0	0	11		-50
	VEGE:	160	1	7	3	0	0	15	13	1	0	11		-29
	BANA:	35	2	7	3	0	0	43	34	0	0	11		-76
	FRUI:	86	1	7	3	0	0	10	7	4	0	11		-21
	SUNF:	52	2	7	3	0	0	4	9	4	0	11		-16
	TOBA:	24	0	7	3	0	0	44	0	2	0	11		-47
	FIBR:	19	0	7	3	0	0	3	1	6	0	11		-11
GR-L.3	TOTAL	167	0	0	3	0	0	4	0	9	0	15		-25
	COTT:	167	0	0	3	0	0	4	0	9	0	15		-25
GR-H.1	TOTAL	93	2	6	3	0	0	31	20	2	0	7		-49
	PLAN:	35	3	7	3	0	0	33	18	0	0	8		-46
	BANA:	35	2	7	3	0	0	43	34	0	0	8		-73
	COFF:	20	1	7	3	0	0	8	1	6	0	8		-12
	TEAS:	3	7	7	3	0	0	11	0	9	0	8		-11
GR-H.2	TOTAL	56	0	0	3	0	0	4	0	8	0	15		-24
	COTT:	56	0	0	3	0	0	4	0	8	0	15		-24
	FALLOW:	986											1	
PR	TOTAL	750	547	0	1873	0	0	14318	7028	405	0	6637	150	-25818
PR-L.1	TOTAL	200	0	0	3	0	0	6	6	1	0	15		-25
	WHEA:	17	0	0	3	0	0	8	7	0	0	15		-27
	RICE:	12	0	0	3	0	0	4	9	0	0	15		-25
	MAIZ:	77	0	0	3	0	0	6	6	0	0	15		-24
	MILL:	15	0	0	3	0	0	5	12	0	0	15		-29
	SORG:	23	0	0	3	0	0	4	7	0	0	15		-23
	PULS:	53	0	0	3	0	0	5	1	2	0	15		-20
	GROU:	3	0	0	3	0	0	7	3	1	0	15		-23

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PR-L.2 TOTAL	82	2	0	3	0	0	73	14	0	0	15		-97
POTA:	3	0	0	3	0	0	75	10	0	0	15		-97
SPOT:	5	1	0	3	0	0	49	4	0	0	15		-64
CASS:	45	3	0	3	0	0	80	6	0	0	15		-95
PLAN:	22	2	0	3	0	0	59	22	0	0	15		-91
BANA:	7	2	0	3	0	0	78	41	0	0	15		-129
PR-H.1 TOTAL	318	1	0	3	0	0	23	15	1	0	8		-43
PLAN:	7	3	0	3	0	0	59	33	0	0	8		-94
BANA:	22	2	0	3	0	0	78	62	0	0	8		-143
PALM:	7	15	0	3	0	0	5	1	10	0	8		-6
COCN:	182	0	0	3	0	0	21	16	0	0	8		-42
COFF:	87	1	0	3	0	0	10	2	2	0	8		-18
TEAS:	13	7	0	3	0	0	18	0	5	0	8		-21
PR-H.2 TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
FALLOW:	150												1
NF TOTAL	282	0	0	911	0	3878	1358	3431	0	0	0	0	0
NF-L.1 TOTAL	276	0	0	3	0	14	5	12	0	0	0		0
RICE:	276	0	0	3	0	14	5	12	0	0	0		0
FALLOW:	6												1
IR TOTAL	100	2	0	348	0	500	2573	1880	29	0	0	0	-3632
IR-H.1 TOTAL	49	0	0	3	0	5	11	37	0	0	0		-40
RICE:	36	0	0	3	0	5	9	37	0	0	0		-38
MAIZ:	13	0	0	3	0	5	18	36	0	0	0		-46
IR-H.2 TOTAL	51	0	0	3	0	5	40	1	1	0	0		-34
CANE:	42	0	0	3	0	5	46	1	0	0	0		-39
CITR:	9	0	0	3	0	5	9	2	3	0	0		-6

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Table 196 The N-balance per crop and Land Use System for Tanzania, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	13476	52558	12962	35064	49135	5263	251448	62561	23622	69346	182119	9314	-424800 (TON/CTY)
LR TOTAL	1948	1446	2193	3326	5056	0	9179	4239	3223	4904	19765	1870	-27419 (TON/LWC)
LR-L.1 TOTAL	914	1	2	3	5	0	10	5	3	4	20		-31 (KG/HA)
MAIZ:	58	2	2	3	3	0	10	4	3	5	20		-32 (KG/HA)
MILL:	325	1	3	3	3	0	12	7	2	4	20		-35 (KG/HA)
SORG:	250	1	2	3	3	0	7	3	3	5	20		-29 (KG/HA)
PULS:	197	1	1	3	10	0	8	2	3	5	20		-23 (KG/HA)
GROU:	34	0	2	3	20	0	19	5	2	3	20		-24 (KG/HA)
SESA:	50	1	1	3	3	0	9	2	3	5	20		-31 (KG/HA)
LR-L.2 TOTAL	83	1	4	3	3	0	4	1	5	6	15		-20
VEGE:	10	1	4	3	3	0	15	4	3	5	15		-31
FRUI:	1	1	4	3	3	0	4	3	4	6	15		-21
FIBR:	72	1	4	3	3	0	3	1	5	7	15		-20
LR-H.1 TOTAL	16	43	0	3	3	0	3	0	16	18	15		-3
OILC:	16	43	0	3	3	0	3	0	16	18	15		-3
FALLOW:	935											2	(KG/HA)
UR TOTAL	4207	8648	5049	9033	11194	0	49283	15259	6432	19194	76070	3702	-128612
UR-L.1 TOTAL	1683	4	2	4	5	0	19	4	3	8	30		-49
WHEA:	28	4	1	4	4	0	31	2	2	8	30		-60
MAIZ:	984	5	2	4	4	0	22	4	3	8	30		-52
MILL:	225	2	3	4	4	0	21	7	2	7	30		-54
SORG:	351	2	1	4	4	0	10	2	4	9	30		-44
PULS:	44	2	1	4	20	0	18	2	3	8	30		-34
SOYB:	3	0	1	4	19	0	19	2	3	8	30		-38
GROU:	42	1	2	4	28	0	26	3	2	7	30		-33
SESA:	6	2	1	4	4	0	12	1	4	9	30		-45
UR-L.2 TOTAL	539	3	4	4	4	0	29	16	1	6	40		-77
POTA:	22	4	4	4	4	0	29	8	3	8	40		-72
SPOT:	44	1	4	4	4	0	31	7	2	7	40		-74
CASS:	318	4	4	4	4	0	29	23	0	5	40		-81
VEGE:	76	2	4	4	4	0	46	8	1	6	40		-87
FRUI:	36	2	4	4	4	0	10	4	5	10	40		-55
SUNF:	34	3	4	4	4	0	14	7	4	9	40		-59
TOBA:	5	2	4	4	4	0	34	0	3	8	40		-71
FIBR:	4	2	4	4	4	0	3	1	6	11	40		-47

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Table 197 The P205-balance per crop and Land Use System for Tanzania, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	13476	16720	6597	13275	0	7093	115112	34306	0	0	60341	9314	-156760 (TON/CTY)
LR TOTAL	1948	346	1127	1259	0	0	5718	2229	0	0	5929	1870	-9274 (TON/LWC)
LR-L.1 TOTAL	914	0	1	1	0	0	6	2	0	0	6		-12 (KG/HA)
MAIZ:	58	0	1	1	0	0	6	2	0	0	6		-12 (KG/HA)
MILL:	325	0	1	1	0	0	8	3	0	0	6		-15 (KG/HA)
SORG:	250	0	1	1	0	0	6	3	0	0	6		-13 (KG/HA)
PULS:	197	1	0	1	0	0	3	0	0	0	6		-7 (KG/HA)
GROU:	34	0	1	1	0	0	7	2	0	0	6		-13 (KG/HA)
SESA:	50	0	1	1	0	0	4	2	0	0	6		-10 (KG/HA)
LR-L.2 TOTAL	83	0	2	1	0	0	1	1	0	0	4		-3
VEGE:	10	0	2	1	0	0	4	4	0	0	4		-9
FRUI:	1	0	2	1	0	0	1	1	0	0	4		-3
FIBR:	72	0	2	1	0	0	0	1	0	0	4		-2
LR-H.1 TOTAL	16	0	0	1	0	0	1	1	0	0	4		-5
OILC:	16	0	0	1	0	0	1	1	0	0	4		-5
FALLOW:	935											2	(KG/HA)
UR TOTAL	4207	2769	2610	3420	0	0	25307	8427	0	0	28526	3702	-49759
UR-L.1 TOTAL	1683	1	1	1	0	0	12	2	0	0	11		-22
NHEA:	28	3	1	1	0	0	14	1	0	0	11		-21
MAIZ:	984	1	1	1	0	0	12	2	0	0	11		-22
MILL:	225	1	1	1	0	0	15	3	0	0	11		-26
SORG:	351	1	1	1	0	0	9	2	0	0	11		-19
PULS:	44	3	0	1	0	0	7	1	0	0	11		-15
SOYB:	3	0	0	1	0	0	8	1	0	0	11		-19
GROU:	42	1	1	1	0	0	10	1	0	0	11		-19
SESA:	6	0	1	1	0	0	6	1	0	0	11		-16
UR-L.2 TOTAL	539	1	2	1	0	0	8	9	0	0	15		-28
POTA:	22	1	2	1	0	0	20	5	0	0	15		-36
SPOT:	44	1	2	1	0	0	12	9	0	0	15		-32
CASS:	318	2	2	1	0	0	7	12	0	0	15		-29
VEGE:	76	1	2	1	0	0	11	8	0	0	15		-30
FRUI:	36	1	2	1	0	0	2	1	0	0	15		-14
SUNF:	34	2	2	1	0	0	5	2	0	0	15		-17
TOBA:	5	2	2	1	0	0	11	0	0	0	15		-21
FIBR:	4	0	2	1	0	0	1	1	0	0	15		-14

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Table 198 The K20-balance per crop and Land Use System for Tanzania, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	13476	5509	26136	27550	0	13102	152083	116153	13506	0	136589	4657	-341377 (TON/CTY)
LR TOTAL	1948	36	5712	2613	0	0	3766	11957	2467	0	14824	935	-23718 (TON/LWC)
LR-L.1 TOTAL	914	0	6	3	0	0	4	13	2	0	15		-25 (KG/HA)
MAIZ:	58	0	4	3	0	0	3	9	2	0	15		-22 (KG/HA)
MILL:	325	0	10	3	0	0	4	23	3	0	15		-32 (KG/HA)
SORG:	250	0	4	3	0	0	2	10	2	0	15		-22 (KG/HA)
PULS:	197	0	1	3	0	0	5	3	2	0	15		-21 (KG/HA)
GROU:	34	0	3	3	0	0	5	6	2	0	15		-22 (KG/HA)
SESA:	50	0	2	3	0	0	2	4	2	0	15		-18 (KG/HA)
LR-L.2 TOTAL	83	0	6	3	0	0	4	5	5	0	11		-16
VEGE:	10	0	7	3	0	0	5	12	3	0	11		-21
FRUI:	1	0	7	3	0	0	5	10	4	0	11		-20
FIBR:	72	0	7	3	0	0	4	4	5	0	11		-14
LR-H.1 TOTAL	16	0	0	3	0	0	5	3	1	0	11		-17
OILC:	16	0	0	3	0	0	5	3	1	0	11		-17
FALLOW:	935											1	(KG/HA)
UR TOTAL	4207	832	11129	7097	0	0	28477	22691	6509	0	57052	1851	-93820
UR-L.1 TOTAL	1683	0	5	3	0	0	7	10	2	0	22		-33
WHEA:	28	1	5	3	0	0	10	11	2	0	23		-37
MAIZ:	984	0	4	3	0	0	7	9	2	0	23		-34
MILL:	225	0	10	3	0	0	7	21	0	0	23		-38
SORG:	351	0	3	3	0	0	3	7	3	0	23		-30
PULS:	44	0	2	3	0	0	12	4	3	0	23		-37
SOYB:	3	0	1	3	0	0	7	1	3	0	23		-30
GROU:	42	0	2	3	0	0	7	4	3	0	23		-32
SESA:	6	0	1	3	0	0	3	3	4	0	23		-29
UR-L.2 TOTAL	539	1	6	3	0	0	31	11	3	0	30		-65
POTA:	22	1	7	3	0	0	56	18	0	0	30		-93
SPOT:	44	1	7	3	0	0	56	12	0	0	30		-87
CASS:	318	1	7	3	0	0	35	6	4	0	30		-64
VEGE:	76	0	7	3	0	0	16	24	2	0	30		-62
FRUI:	36	1	7	3	0	0	12	14	4	0	30		-49
SUNF:	34	1	7	3	0	0	4	15	5	0	30		-43
TOBA:	5	0	7	3	0	0	52	0	2	0	30		-74
FIBR:	4	0	7	3	0	0	5	4	6	0	30		-35

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Table 199 The N-balance per crop and Land Use System for Togo, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1503	1384	68	3542	4906	1106	13774	3280	2535	6965	13135	1476	-27207 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	61	49	68	81	97	0	325	143	86	217	360	78	-758 (TON/LWC)
UR-L.1 TOTAL	12	1	3	4	5	0	13	7	4	9	20		-40 (KG/HA)
MAIZ:	10	1	3	4	4	0	13	7	4	9	20		-41 (KG/HA)
OTHC:	1	0	2	4	4	0	8	5	4	9	20		-36 (KG/HA)
PULS:	1	1	2	4	13	0	10	4	4	9	20		-27 (KG/HA)
UR-L.2 TOTAL	8	3	4	4	4	0	19	8	4	9	10		-35
SPOT:	2	2	4	4	4	0	33	7	2	7	10		-45
CASS:	1	13	4	4	4	0	54	44	0	1	10		-84
VEGE:	1	6	4	4	4	0	28	5	4	9	10		-38
OILC:	4	0	4	4	4	0	1	0	6	11	10		-16
UR-L.3 TOTAL	2	7	0	4	4	0	11	0	5	20	20		-41
COIT:	2	7	0	4	4	0	11	0	5	20	20		-41
FALLOW:	39											2	(KG/HA)
GR TOTAL	630	1015	0	2473	3747	0	9719	2658	1574	4377	12175	239	-23029
GR-L.1 TOTAL	401	1	0	5	8	0	16	5	3	8	25		-43
RICE:	4	0	0	5	5	0	12	5	3	8	25		-43
MAIZ:	132	2	0	5	5	0	18	5	3	8	25		-47
MILL:	52	2	0	5	5	0	21	11	1	6	25		-52
SORG:	87	0	0	5	5	0	16	6	3	7	25		-47
OTHC:	10	0	0	5	5	0	7	2	4	9	25		-37
PULS:	67	1	0	5	14	0	10	2	5	9	25		-31
GROU:	43	0	0	5	19	0	15	3	3	8	25		-30
SESA:	6	0	0	5	5	0	9	2	4	9	25		-39
GR-L.2 TOTAL	81	5	0	5	5	0	35	7	3	7	20		-57
SPOT:	20	3	0	5	5	0	45	4	0	5	20		-61
CASS:	14	22	0	5	5	0	99	32	0	3	20		-122
OTHR:	2	0	0	5	5	0	20	2	3	8	20		-43
VEGE:	5	10	0	5	5	0	77	5	0	3	20		-85
FRUI:	2	0	0	5	5	0	16	3	3	7	20		-39
OILC:	34	0	0	5	5	0	1	0	6	10	20		-27
TOBA:	4	0	0	5	5	0	28	0	3	8	20		-49

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Table 200 The P205-balance per crop and Land Use System for Togo, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1503	1683	33	1341	0	338	6836	1961	0	0	3967	1476	-7893 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	61	49	33	31	0	0	157	85	0	0	135	78	-186 (TON/LWC)
UR-L.1 TOTAL	12	1	1	1	0	0	7	3	0	0	7		-14 (KG/HA)
MAIZ:	10	1	2	1	0	0	8	3	0	0	8		-15 (KG/HA)
OTHC:	1	0	1	1	0	0	5	2	0	0	8		-13 (KG/HA)
PULS:	1	1	0	1	0	0	4	1	0	0	8		-11 (KG/HA)
UR-L.2 TOTAL	8	4	2	1	0	0	6	6	0	0	4		-9
SPOT:	2	3	2	1	0	0	12	9	0	0	4		-19
CASS:	1	17	2	1	0	0	14	22	0	0	4		-20
VEGE:	1	6	2	1	0	0	7	5	0	0	4		-7
OILC:	4	0	2	1	0	0	0	0	0	0	4		-1
UR-L.3 TOTAL	2	4	0	1	0	0	13	0	0	0	7		-15
COTT:	2	4	0	1	0	0	13	0	0	0	8		-16
FALLOW:	39											2	(KG/HA)
GR TOTAL	630	1234	0	936	0	0	5307	1549	0	0	3652	239	-8099
GR-L.1 TOTAL	401	1	0	2	0	0	10	3	0	0	7		-17
RICE:	4	0	0	2	0	0	8	3	0	0	8		-17
MAIZ:	132	2	0	2	0	0	10	3	0	0	8		-17
MILL:	52	2	0	2	0	0	15	4	0	0	8		-23
SORG:	87	0	0	2	0	0	14	6	0	0	8		-26
OTHC:	10	0	0	2	0	0	4	1	0	0	8		-11
PULS:	67	3	0	2	0	0	4	0	0	0	8		-7
GROU:	43	2	0	2	0	0	5	1	0	0	8		-10
SESA:	6	0	0	2	0	0	4	1	0	0	8		-11
GR-L.2 TOTAL	81	7	0	2	0	0	10	4	0	0	6		-11
SPOT:	20	5	0	2	0	0	17	5	0	0	6		-21
CASS:	14	28	0	2	0	0	26	16	0	0	6		-18
OTHR:	2	0	0	2	0	0	3	1	0	0	6		-8
VEGE:	5	10	0	2	0	0	18	5	0	0	6		-17
FRUI:	2	0	0	2	0	0	4	1	0	0	6		-9
OILC:	34	0	0	2	0	0	0	0	0	0	6		-4
TOBA:	4	0	0	2	0	0	9	0	0	0	6		-13

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Table 201 The K20-balance per crop and Land Use System for Togo, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	1503	996	138	2783	0	1638	9989	7003	2007	0	9851	738	-22557 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	61	16	138	64	0	0	269	246	125	0	270	39	-653 (TON/LWC)
UR-L.1 TOTAL	12	0	7	3	0	0	5	16	5	0	15		-31 (KG/HA)
MAIZ:	10	0	8	3	0	0	5	17	5	0	15		-31 (KG/HA)
OTHC:	1	0	7	3	0	0	3	14	5	0	15		-27 (KG/HA)
PULS:	1	0	3	3	0	0	7	6	4	0	15		-26 (KG/HA)
UR-L.2 TOTAL	8	2	6	3	0	0	25	7	5	0	7		-33
SPOT:	2	3	7	3	0	0	61	13	0	0	8		-69
CASS:	1	10	7	3	0	0	65	12	4	0	8		-69
VEGE:	1	0	7	3	0	0	10	15	4	0	8		-27
OILC:	4	0	7	3	0	0	1	1	7	0	8		-7
UR-L.3 TOTAL	2	0	0	3	0	0	6	0	13	0	15		-31
COTT:	2	0	0	3	0	0	6	0	13	0	15		-31
FALLOW:	39											1	(KG/HA)
GR TOTAL	630	339	0	1943	0	0	6353	5860	1027	0	9131	120	-19969
GR-L.1 TOTAL	401	0	0	4	0	0	6	14	1	0	19		-36
RICE:	4	0	0	4	0	0	4	21	0	0	19		-40
MAIZ:	132	0	0	4	0	0	6	12	1	0	19		-34
MILL:	52	0	0	4	0	0	7	34	0	0	19		-56
SORG:	87	0	0	4	0	0	5	17	0	0	19		-37
OTHC:	10	0	0	4	0	0	2	6	3	0	19		-26
PULS:	67	0	0	4	0	0	7	3	3	0	19		-28
GROU:	43	0	0	4	0	0	4	4	3	0	19		-26
SESA:	6	0	0	4	0	0	2	3	3	0	19		-23
GR-L.2 TOTAL	81	4	0	4	0	0	46	5	2	0	15		-60
SPOT:	20	5	0	4	0	0	83	7	0	0	15		-96
CASS:	14	17	0	4	0	0	120	8	0	0	15		-122
OTHR:	2	0	0	4	0	0	15	3	1	0	15		-30
VEGE:	5	0	0	4	0	0	26	16	0	0	15		-53
FRUI:	2	0	0	4	0	0	19	9	0	0	15		-39
OILC:	34	0	0	4	0	0	1	0	4	0	15		-16
TOBA:	4	0	0	4	0	0	44	0	0	0	15		-55

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Table 202 The N-balance per crop and Land Use System for Togo, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2005	4192	111	5098	8169	1587	25690	6193	3421	9739	18995	1851	-43030 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LNC)
UR TOTAL	60	96	111	89	111	0	438	194	103	249	350	72	-855 (TON/LNC)
UR-L.1 TOTAL	9	6	7	4	6	0	28	14	4	9	20		-52 (KG/HA)
MAIZ:	7	8	8	4	4	0	32	17	4	9	20		-58 (KG/HA)
OTHC:	1	0	3	4	4	0	10	6	4	9	20		-38 (KG/HA)
PULS:	1	0	3	4	19	0	16	6	3	9	20		-28 (KG/HA)
UR-L.2 TOTAL	13	2	4	4	4	0	13	5	5	10	10		-29
SPOT:	2	2	4	4	4	0	36	8	1	7	10		-48
CASS:	1	15	4	4	4	0	52	42	0	2	10		-79
VEGE:	1	5	4	4	4	0	33	6	3	8	10		-43
OILC:	9	0	4	4	4	0	1	0	6	11	10		-16
UR-L.3 TOTAL	2	10	0	4	4	0	13	0	5	22	20		-42
COTT:	2	10	0	4	4	0	13	0	5	22	20		-42
FALLOW:	36											2	(KG/HA)
GR TOTAL	735	3016	0	3560	6514	0	17499	4874	2087	6097	17545	0	-35012
GR-L.1 TOTAL	582	3	0	5	10	0	21	7	3	8	25		-46
RICE:	5	6	0	5	5	0	13	6	5	9	25		-42
MAIZ:	94	13	0	5	5	0	42	12	2	7	25		-65
MILL:	92	1	0	5	5	0	23	12	1	6	25		-56
SORG:	172	3	0	5	5	0	17	6	3	8	25		-46
OTHC:	16	0	0	5	5	0	10	3	4	9	25		-41
PULS:	149	1	0	5	12	0	8	2	5	9	25		-31
GROU:	47	4	0	5	42	0	41	9	1	6	25		-31
SESA:	7	0	0	5	5	0	12	2	4	9	25		-42
GR-L.2 TOTAL	120	6	0	5	5	0	37	7	2	7	20		-57
SPOT:	30	3	0	5	5	0	49	4	0	4	20		-64
CASS:	23	24	0	5	5	0	84	27	0	3	20		-100
OTHR:	4	0	0	5	5	0	17	1	3	8	20		-39
VEGE:	6	8	0	5	5	0	104	7	0	3	20		-116
FRUI:	3	0	0	5	5	0	23	4	1	6	20		-44
OILC:	49	0	0	5	5	0	1	0	6	10	20		-27
TOBA:	5	0	0	5	5	0	39	0	2	7	20		-58

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Table 203 The P205-balance per crop and Land Use System for Togo, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2005	4192	54	1931	0	477	12839	3739	0	0	5724	1851	-13797 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	60	81	54	34	0	0	219	111	0	0	131	72	-220 (TON/LWC)
UR-L.1 TOTAL	9	4	3	1	0	0	15	7	0	0	7		-21 (KG/HA)
MAIZ:	7	6	4	1	0	0	18	8	0	0	8		-23 (KG/HA)
OTHC:	1	0	1	1	0	0	6	3	0	0	8		-15 (KG/HA)
PULS:	1	1	1	1	0	0	6	1	0	0	8		-12 (KG/HA)
UR-L.2 TOTAL	13	2	2	1	0	0	4	4	0	0	4		-7
SPOT:	2	3	2	1	0	0	14	10	0	0	4		-22
CASS:	1	16	2	1	0	0	14	22	0	0	4		-21
VEGE:	1	5	2	1	0	0	8	6	0	0	4		-10
OILC:	9	0	2	1	0	0	0	0	0	0	4		-1
UR-L.3 TOTAL	2	6	0	1	0	0	16	0	0	0	7		-16
COIT:	2	6	0	1	0	0	16	0	0	0	8		-17
FALLOW:	36											2	(KG/HA)
GR TOTAL	735	2924	0	1348	0	0	9696	2885	0	0	5263	0	-13572
GR-L.1 TOTAL	582	3	0	2	0	0	13	4	0	0	7		-19
RICE:	5	6	0	2	0	0	9	3	0	0	8		-12
MAIZ:	94	9	0	2	0	0	23	6	0	0	8		-26
MILL:	92	1	0	2	0	0	16	5	0	0	8		-26
SORG:	172	3	0	2	0	0	15	6	0	0	8		-24
OTHC:	16	0	0	2	0	0	6	2	0	0	8		-14
PULS:	149	1	0	2	0	0	3	0	0	0	8		-8
GROU:	47	6	0	2	0	0	15	4	0	0	8		-19
SESA:	7	0	0	2	0	0	6	2	0	0	8		-14
GR-L.2 TOTAL	120	7	0	2	0	0	11	5	0	0	6		-13
SPOT:	30	5	0	2	0	0	19	6	0	0	6		-24
CASS:	23	27	0	2	0	0	22	14	0	0	6		-13
OTHR:	4	0	0	2	0	0	3	1	0	0	6		-8
VEGE:	6	8	0	2	0	0	24	7	0	0	6		-27
FRUI:	3	0	0	2	0	0	6	1	0	0	6		-11
OILC:	49	0	0	2	0	0	0	0	0	0	6		-4
TOBA:	5	0	0	2	0	0	13	0	0	0	6		-17

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Table 204 The K20-balance per crop and Land Use System for Togo, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	2005	2596	224	4005	0	2370	17405	13485	2921	0	14246	926	-37936 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	60	27	224	70	0	0	323	374	162	0	262	36	-764 (TON/LWC)
UR-L.1 TOTAL	9	0	16	3	0	0	10	34	7	0	15		-47 (KG/HA)
MAIZ:	7	0	18	3	0	0	11	40	7	0	15		-52 (KG/HA)
OTHC:	1	0	8	3	0	0	3	17	5	0	15		-29 (KG/HA)
PULS:	1	0	4	3	0	0	11	9	4	0	15		-32 (KG/HA)
UR-L.2 TOTAL	13	2	6	3	0	0	17	5	6	0	7		-24
SPOT:	2	4	7	3	0	0	67	15	0	0	8		-76
CASS:	1	11	7	3	0	0	63	11	4	0	8		-65
VEGE:	1	5	7	3	0	0	11	17	5	0	8		-26
OILC:	9	0	7	3	0	0	1	1	7	0	8		-7
UR-L.3 TOTAL	2	0	0	3	0	0	8	0	15	0	15		-35
COTT:	2	0	0	3	0	0	8	0	15	0	15		-35
FALLOW:	36											1	(KG/HA)
GR TOTAL	735	843	0	2797	0	0	10591	11109	1404	0	13159	0	-32623
GR-L.1 TOTAL	582	0	0	4	0	0	8	18	1	0	19		-42
RICE:	5	0	0	4	0	0	5	23	0	0	19		-43
MAIZ:	94	1	0	4	0	0	14	28	0	0	19		-56
MILL:	92	0	0	4	0	0	8	37	0	0	19		-60
SORG:	172	0	0	4	0	0	5	19	0	0	19		-39
OTHC:	16	0	0	4	0	0	3	9	2	0	19		-29
PULS:	149	0	0	4	0	0	5	3	3	0	19		-26
GROU:	47	2	0	4	0	0	11	11	2	0	19		-37
SESA:	7	0	0	4	0	0	3	4	3	0	19		-25
GR-L.2 TOTAL	120	6	0	4	0	0	48	5	2	0	15		-60
SPOT:	30	7	0	4	0	0	91	8	0	0	15		-103
CASS:	23	18	0	4	0	0	101	7	0	0	15		-101
OTHR:	4	0	0	4	0	0	13	3	2	0	15		-29
VEGE:	6	8	0	4	0	0	36	22	0	0	15		-61
FRUI:	3	0	0	4	0	0	28	14	0	0	15		-53
OILC:	49	0	0	4	0	0	1	0	4	0	15		-16
TOBA:	5	0	0	4	0	0	61	0	0	0	15		-72

Uganda

GR	TOTAL	3090	147	0	14089	21131	0	47768	11944	8850	21805	42790	371	-97419
GR-L.1	TOTAL	1096	0	0	5	11	0	25	5	2	6	20		-42
	MHEA:	6	0	0	5	5	0	47	2	0	5	20		-64
	MAIZ:	192	0	0	5	5	0	29	5	1	6	20		-51
	MILL:	219	0	0	5	5	0	38	12	0	2	20		-62
	SORG:	142	1	0	5	5	0	36	8	0	4	20		-57
	PULS:	268	0	0	5	20	0	16	2	3	8	20		-24
	SOYB:	5	0	0	5	51	0	56	5	0	3	20		-28
	GROU:	181	0	0	5	19	0	15	2	3	8	20		-24
	SESA:	83	0	0	5	5	0	9	1	4	9	20		-33
GR-L.2	TOTAL	1531	0	0	5	5	0	13	4	4	8	10		-29
	POTA:	20	0	0	5	5	0	35	6	0	5	10		-46
	SPOT:	316	0	0	5	5	0	21	3	3	8	10		-35
	CASS:	180	0	0	5	5	0	37	18	0	1	10		-56
	PLAN:	850	0	0	5	5	0	3	2	5	10	10		-20
	VEGE:	65	0	0	5	5	0	30	3	2	6	10		-41
	BANA:	51	0	0	5	5	0	6	2	4	9	10		-21
	FRUI:	12	0	0	5	5	0	5	1	5	10	10		-21
	SUNF:	3	0	0	5	5	0	12	3	3	8	10		-26
	COFF:	29	0	0	5	5	0	28	1	3	7	10		-39
	TOBA:	5	0	0	5	5	0	11	0	5	9	10		-25
GR-L.3	TOTAL	278	0	0	5	5	0	2	0	5	12	20		-29
	COTT:	278	0	0	5	5	0	2	0	5	12	20		-29
	FALLON:	185											2	
PR	TOTAL	1423	132	0	6285	7970	0	22881	4259	3897	14260	14395	256	-45049
PR-L.1	TOTAL	314	0	0	5	10	0	18	3	2	11	15		-34
	RICE:	9	0	0	5	5	0	9	2	4	12	15		-32
	MAIZ:	65	0	0	5	5	0	22	3	2	11	15		-43
	MILL:	70	0	0	5	5	0	25	6	0	9	15		-45
	SORG:	35	1	0	5	5	0	22	4	2	10	15		-42
	PULS:	119	0	0	5	16	0	12	1	4	13	15		-24
	GROU:	11	0	0	5	22	0	19	2	3	12	15		-24
	SESA:	5	0	0	5	5	0	6	1	5	14	15		-31
PR-L.2	TOTAL	488	0	0	5	5	0	21	6	3	9	10		-39
	POTA:	1	0	0	5	5	0	22	2	2	11	10		-37
	SPOT:	69	0	0	5	5	0	18	2	3	12	10		-35
	CASS:	179	0	0	5	5	0	45	15	0	3	10		-63
	PLAN:	238	0	0	5	5	0	4	1	5	13	10		-23
	FRUI:	1	0	0	5	5	0	5	1	5	14	10		-25
PR-L.3	TOTAL	260	0	0	5	5	0	4	1	5	13	5		-18
	PLAN:	238	0	0	5	5	0	4	1	5	13	5		-18
	BANA:	22	0	0	5	5	0	7	1	4	13	5		-20

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PR-H.1	TOTAL	233	0	0	5	5	0	25	0	3	12	15		-45
	CANE:	25	0	0	5	5	0	6	0	5	14	15		-30
	BANA:	7	0	0	5	5	0	7	0	4	13	15		-29
	COFF:	195	0	0	5	5	0	28	0	3	11	15		-47
	TEAS:	6	0	0	5	5	0	21	0	4	12	15		-42
	FALLOW:	128											2	
NF	TOTAL	48	5	0	213	234	1236	864	122	120	582	0	0	0
NF-L.1	TOTAL	44	0	0	5	5	28	20	3	3	13	0		-1
	RICE:	4	0	0	5	22	5	12	2	4	14	0		0
	MILL:	16	0	0	5	2	35	25	5	1	11	0		0
	SORG:	8	0	0	5	2	29	16	2	4	14	0		0
	SPOT:	8	0	0	5	2	32	20	1	4	14	0		0
	PULS:	6	0	0	5	13	15	12	1	5	15	0		0
	VEGE:	2	0	0	5	2	39	29	2	3	13	0		0
	FALLOW:	4											2	
IR	TOTAL	11	0	0	53	102	110	202	32	33	138	0	0	-140
IR-L.1	TOTAL	4	0	0	5	22	10	30	7	0	9	0		-9
	RICE:	4	0	0	5	22	10	30	7	0	9	0		-9
IR-H.1	TOTAL	7	0	0	5	2	10	12	1	5	14	0		-15
	CANE:	7	0	0	5	2	10	12	1	5	14	0		-15

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GR	TOTAL	3090	0	0	5334	0	0	23699	7111	0	0	12837	371	-37942
GR-L.1	TOTAL	1096	0	0	2	0	0	15	3	0	0	6		-22
	WHEA:	6	0	0	2	0	0	21	2	0	0	6		-27
	MAIZ:	192	0	0	2	0	0	16	2	0	0	6		-22
	MILL:	219	0	0	2	0	0	27	5	0	0	6		-36
	SORG:	142	0	0	2	0	0	31	8	0	0	6		-43
	PULS:	268	0	0	2	0	0	6	0	0	0	6		-10
	SOYB:	5	0	0	2	0	0	23	2	0	0	6		-29
	GROU:	181	0	0	2	0	0	5	1	0	0	6		-10
	SESA:	83	0	0	2	0	0	4	1	0	0	6		-9
GR-L.2	TOTAL	1531	0	0	2	0	0	4	3	0	0	3		-8
	POTA:	20	0	0	2	0	0	24	4	0	0	3		-29
	SPOT:	316	0	0	2	0	0	8	3	0	0	3		-12
	CASS:	180	0	0	2	0	0	10	9	0	0	3		-20
	PLAN:	850	0	0	2	0	0	1	1	0	0	3		-3
	VEGE:	65	0	0	2	0	0	7	3	0	0	3		-11
	BANA:	51	0	0	2	0	0	3	1	0	0	3		-5
	FRUI:	12	0	0	2	0	0	1	0	0	0	3		-2
	SUNF:	3	0	0	2	0	0	4	1	0	0	3		-6
	COFF:	29	0	0	2	0	0	5	2	0	0	3		-8
	TOBA:	5	0	0	2	0	0	4	0	0	0	3		-5
GR-L.3	TOTAL	278	0	0	2	0	0	2	0	0	0	6		-6
	COTT:	278	0	0	2	0	0	2	0	0	0	6		-6
	FALLOW:	185											2	
PR	TOTAL	1423	0	0	2379	0	0	7766	2331	0	0	4318	256	-11780
PR-L.1	TOTAL	314	0	0	2	0	0	11	1	0	0	4		-14
	RICE:	9	0	0	2	0	0	6	1	0	0	4		-9
	MAIZ:	65	0	0	2	0	0	12	2	0	0	4		-16
	MILL:	70	0	0	2	0	0	18	3	0	0	4		-23
	SORG:	35	0	0	2	0	0	19	4	0	0	4		-25
	PULS:	119	0	0	2	0	0	5	0	0	0	4		-7
	GROU:	11	0	0	2	0	0	7	1	0	0	4		-10
	SESA:	5	0	0	2	0	0	3	0	0	0	4		-5
PR-L.2	TOTAL	488	0	0	2	0	0	6	3	0	0	3		-10
	POTA:	1	0	0	2	0	0	15	2	0	0	3		-18
	SPOT:	69	0	0	2	0	0	7	2	0	0	3		-10
	CASS:	179	0	0	2	0	0	12	7	0	0	3		-20
	PLAN:	238	0	0	2	0	0	1	1	0	0	3		-3
	FRUI:	1	0	0	2	0	0	1	0	0	0	3		-2
PR-L.3	TOTAL	260	0	0	2	0	0	1	0	0	0	2		-1
	PLAN:	238	0	0	2	0	0	1	0	0	0	2		-1
	BANA:	22	0	0	2	0	0	4	0	0	0	2		-4

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PR-H.1	TOTAL	233	0	0	2	0	0	5	0	0	0	5		-8

	CANE:	25	0	0	2	0	0	5	0	0	0	4		-7
	BANA:	7	0	0	2	0	0	4	0	0	0	4		-6
	COFF:	195	0	0	2	0	0	5	0	0	0	4		-7
	TEAS:	6	0	0	2	0	0	5	0	0	0	4		-7
	FALLOW:	128											2	
NF	TOTAL	48	0	0	81	0	518	529	70	0	0	0	0	0
NF-L.1	TOTAL	44	0	0	2	0	12	12	2	0	0	0		0

	RICE:	4	0	0	2	0	7	8	1	0	0	0		0
	MILL:	16	0	0	2	0	18	18	2	0	0	0		0
	SORG:	8	0	0	2	0	14	14	2	0	0	0		0
	SPOT:	8	0	0	2	0	7	8	2	0	0	0		0
	PULS:	6	0	0	2	0	3	5	0	0	0	0		0
	VEGE:	2	0	0	2	0	6	7	2	0	0	0		0
	FALLOW:	4											2	
IR	TOTAL	11	0	0	20	0	33	149	24	0	0	0	0	-120
IR-L.1	TOTAL	4	0	0	2	0	3	20	4	0	0	0		-19

	RICE:	4	0	0	2	0	3	20	4	0	0	0		-19
IR-H.1	TOTAL	7	0	0	2	0	3	10	1	0	0	0		-6

	CANE:	7	0	0	2	0	3	10	1	0	0	0		-6

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GR	TOTAL	3090	0	0	11070	0	0	51275	29757	3079	0	32092	185	-104948
GR-L.1	TOTAL	1096	0	0	4	0	0	9	14	1	0	15		-35
	WHEA:	6	0	0	4	0	0	15	17	0	0	15		-43
	MAIZ:	192	0	0	4	0	0	10	12	0	0	15		-33
	MILL:	219	0	0	4	0	0	13	39	0	0	15		-63
	SORG:	142	0	0	4	0	0	11	25	0	0	15		-47
	PULS:	268	0	0	4	0	0	11	3	2	0	15		-27
	SOYB:	5	0	0	4	0	0	22	4	1	0	15		-38
	GROU:	181	0	0	4	0	0	4	2	3	0	15		-20
	SESA:	83	0	0	4	0	0	2	2	3	0	15		-18
GR-L.2	TOTAL	1531	0	0	4	0	0	27	9	0	0	7		-39
	POTA:	20	0	0	4	0	0	66	13	0	0	8		-83
	SPOT:	316	0	0	4	0	0	38	5	0	0	8		-47
	CASS:	180	0	0	4	0	0	45	5	0	0	8		-54
	PLAN:	850	0	0	4	0	0	20	11	0	0	8		-35
	VEGE:	65	0	0	4	0	0	10	9	0	0	8		-23
	BANA:	51	0	0	4	0	0	26	21	0	0	8		-51
	FRUI:	12	0	0	4	0	0	6	4	2	0	8		-16
	SUNF:	3	0	0	4	0	0	3	7	2	0	8		-16
	COFF:	29	0	0	4	0	0	16	3	2	0	8		-25
	TOBA:	5	0	0	4	0	0	17	0	3	0	8		-24
GR-L.3	TOTAL	278	0	0	4	0	0	1	0	6	0	15		-18
	COTT:	278	0	0	4	0	0	1	0	6	0	15		-18
	FALLOW:	185											1	
PR	TOTAL	1423	0	0	4938	0	0	30290	7028	793	0	10796	128	-43841
PR-L.1	TOTAL	314	0	0	4	0	0	7	8	1	0	11		-23
	RICE:	9	0	0	4	0	0	3	8	0	0	11		-18
	MAIZ:	65	0	0	4	0	0	7	7	0	0	11		-21
	MILL:	70	0	0	4	0	0	8	20	0	0	11		-35
	SORG:	35	0	0	4	0	0	7	12	0	0	11		-26
	PULS:	119	0	0	4	0	0	8	2	3	0	11		-20
	GROU:	11	0	0	4	0	0	5	2	3	0	11		-17
	SESA:	5	0	0	4	0	0	2	1	4	0	11		-14
PR-L.2	TOTAL	488	0	0	4	0	0	36	6	0	0	8		-46
	POTA:	1	0	0	4	0	0	41	5	0	0	8		-50
	SPOT:	69	0	0	4	0	0	33	3	0	0	8		-40
	CASS:	179	0	0	4	0	0	55	4	0	0	8		-63
	PLAN:	238	0	0	4	0	0	24	9	0	0	8		-37
	FRUI:	1	0	0	4	0	0	6	3	2	0	8		-15
PR-L.3	TOTAL	260	0	0	4	0	0	24	5	0	0	4		-29
	PLAN:	238	0	0	4	0	0	24	4	0	0	4		-28
	BANA:	22	0	0	4	0	0	31	8	0	0	4		-39

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PR-H.1 TOTAL	233	0	0	4	0	0	16	1	2	0	11		-26
CANE:	25	0	0	4	0	0	14	0	2	0	11		-23
BANA:	7	0	0	4	0	0	31	4	0	0	11		-42
COFF:	195	0	0	4	0	0	16	0	2	0	11		-25
TEAS:	6	0	0	4	0	0	10	0	3	0	11		-20
FALLOW:	128											1	
NF TOTAL	48	0	0	168	0	814	555	361	66	0	0	0	0
NF-L.1 TOTAL	44	0	0	4	0	18	13	8	1	0	0		0
RICE:	4	0	0	4	0	9	4	8	1	0	0		0
MILL:	16	0	0	4	0	20	8	15	0	0	0		0
SORG:	8	0	0	4	0	10	5	7	2	0	0		0
SPOT:	8	0	0	4	0	37	37	2	1	0	0		0
PULS:	6	0	0	4	0	11	8	1	5	0	0		0
VEGE:	2	0	0	4	0	13	10	5	3	0	0		0
FALLOW:	4											1	
IR TOTAL	11	0	0	42	0	55	232	113	23	0	0	0	-271
IR-L.1 TOTAL	4	0	0	4	0	5	11	27	0	0	0		-29
RICE:	4	0	0	4	0	5	11	27	0	0	0		-29
IR-H.1 TOTAL	7	0	0	4	0	5	27	1	3	0	0		-22
CANE:	7	0	0	4	0	5	27	1	3	0	0		-22

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GR	TOTAL	3789	525	0	17459	31756	0	92314	22992	6720	20784	51940	379	-144631
GR-L.1	TOTAL	1499	0	0	5	14	0	36	7	1	4	20		-49
	WHEA:	9	0	0	5	5	0	58	3	0	4	20		-75
	MAIZ:	288	0	0	5	5	0	47	8	0	3	20		-68
	MILL:	311	0	0	5	5	0	46	15	0	0	20		-71
	SORG:	188	1	0	5	5	0	46	11	0	2	20		-68
	PULS:	314	0	0	5	29	0	26	3	2	7	20		-24
	SOYB:	10	0	0	5	76	0	87	8	0	3	20		-37
	GROU:	274	0	0	5	25	0	22	3	2	7	20		-24
	SESA:	105	0	0	5	5	0	12	1	4	9	20		-36
GR-L.2	TOTAL	2006	0	0	5	5	0	19	6	2	7	10		-34
	POTA:	24	0	0	5	5	0	51	8	0	3	10		-62
	SPOT:	341	0	0	5	5	0	36	5	1	5	10		-47
	CASS:	492	0	0	5	5	0	30	14	0	3	10		-47
	PLAN:	930	0	0	5	5	0	5	2	4	9	10		-20
	VEGE:	99	0	0	5	5	0	41	4	0	5	10		-50
	BANA:	69	0	0	5	5	0	8	3	4	9	10		-24
	FRUI:	12	0	0	5	5	0	9	2	4	9	10		-24
	SUNF:	6	0	0	5	5	0	19	6	2	7	10		-34
	COFF:	28	0	0	5	5	0	35	1	2	7	10		-45
	TOBA:	5	0	0	5	5	0	22	0	3	8	10		-33
GR-L.3	TOTAL	95	0	0	5	5	0	6	0	5	14	20		-35
	COTT:	95	0	0	5	5	0	6	0	5	14	20		-35
	FALLOW:	189											2	
PR	TOTAL	1837	324	0	8109	10501	0	35423	6720	3675	17239	19052	331	-62844
PR-L.1	TOTAL	513	0	0	5	9	0	21	4	2	11	15		-39
	RICE:	10	0	0	5	5	0	13	3	3	12	15		-36
	MAIZ:	118	0	0	5	5	0	24	3	2	11	15		-45
	MILL:	126	0	0	5	5	0	27	7	0	8	15		-47
	SORG:	90	1	0	5	5	0	25	5	1	10	15		-45
	PULS:	153	0	0	5	18	0	14	1	4	12	15		-23
	GROU:	11	0	0	5	22	0	19	2	3	12	15		-24
	SESA:	5	0	0	5	5	0	6	1	5	14	15		-31
PR-L.2	TOTAL	669	0	0	5	5	0	23	7	2	9	10		-41
	POTA:	7	0	0	5	5	0	29	3	1	10	10		-43
	SPOT:	65	0	0	5	5	0	30	3	1	10	10		-44
	CASS:	357	0	0	5	5	0	34	11	0	6	10		-51
	PLAN:	239	0	0	5	5	0	4	2	4	13	10		-23
	FRUI:	1	0	0	5	5	0	10	2	4	13	10		-29
PR-L.3	TOTAL	268	0	0	5	5	0	5	1	4	13	5		-18
	PLAN:	239	0	0	5	5	0	4	1	4	13	5		-17
	BANA:	29	0	0	5	5	0	9	1	3	12	5		-20

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GR	TOTAL	3789	63	0	6610	0	0	44610	13491	0	0	15582	379	-66631
GR-L.1	TOTAL	1499	0	0	2	0	0	21	4	0	0	6		-29
	WHEA:	9	0	0	2	0	0	26	3	0	0	6		-33
	MAIZ:	288	0	0	2	0	0	26	4	0	0	6		-34
	MILL:	311	0	0	2	0	0	33	6	0	0	6		-43
	SORG:	188	0	0	2	0	0	40	11	0	0	6		-55
	PULS:	314	0	0	2	0	0	10	1	0	0	6		-15
	SOYB:	10	0	0	2	0	0	35	3	0	0	6		-42
	GROU:	274	0	0	2	0	0	8	1	0	0	6		-13
	SESA:	105	0	0	2	0	0	6	1	0	0	6		-11
GR-L.2	TOTAL	2006	0	0	2	0	0	6	4	0	0	3		-11
	POTA:	24	0	0	2	0	0	35	6	0	0	3		-42
	SPOT:	341	0	0	2	0	0	13	6	0	0	3		-20
	CASS:	492	0	0	2	0	0	8	7	0	0	3		-16
	PLAN:	930	0	0	2	0	0	1	1	0	0	3		-3
	VEGE:	99	0	0	2	0	0	10	4	0	0	3		-15
	BANA:	69	0	0	2	0	0	4	1	0	0	3		-6
	FRUI:	12	0	0	2	0	0	2	1	0	0	3		-4
	SUNF:	6	0	0	2	0	0	6	2	0	0	3		-9
	COFF:	28	0	0	2	0	0	6	3	0	0	3		-10
	TOBA:	5	0	0	2	0	0	8	0	0	0	3		-9
GR-L.3	TOTAL	95	0	0	2	0	0	7	0	0	0	6		-11
	COTT:	95	0	0	2	0	0	7	0	0	0	6		-11
	FALLOW:	189											2	
PR	TOTAL	1837	31	0	3070	0	0	13503	3727	0	0	5716	331	-19514
PR-L.1	TOTAL	513	0	0	2	0	0	13	2	0	0	4		-17
	RICE:	10	0	0	2	0	0	9	2	0	0	4		-13
	MAIZ:	118	0	0	2	0	0	13	2	0	0	4		-17
	MILL:	126	0	0	2	0	0	19	3	0	0	4		-24
	SORG:	90	0	0	2	0	0	21	4	0	0	4		-27
	PULS:	153	0	0	2	0	0	5	0	0	0	4		-7
	GROU:	11	0	0	2	0	0	7	1	0	0	4		-10
	SESA:	5	0	0	2	0	0	3	0	0	0	4		-5
PR-L.2	TOTAL	669	0	0	2	0	0	7	4	0	0	3		-12
	POTA:	7	0	0	2	0	0	20	2	0	0	3		-23
	SPOT:	65	0	0	2	0	0	11	3	0	0	3		-15
	CASS:	357	0	0	2	0	0	9	6	0	0	3		-16
	PLAN:	239	0	0	2	0	0	1	1	0	0	3		-3
	FRUI:	1	0	0	2	0	0	3	0	0	0	3		-4
PR-L.3	TOTAL	268	0	0	2	0	0	2	0	0	0	2		-2
	PLAN:	239	0	0	2	0	0	1	0	0	0	2		-1
	BANA:	29	0	0	2	0	0	5	1	0	0	2		-6

Uganda

GR	TOTAL	3789	0	0	13718	0	0	92539	52074	1993	0	38955	189	-171654
GR-L.1	TOTAL	1499	0	0	4	0	0	13	19	1	0	15		-44
	WHEA:	9	0	0	4	0	0	18	21	0	0	15		-50
	MAIZ:	288	0	0	4	0	0	16	20	0	0	15		-47
	MILL:	311	0	0	4	0	0	16	46	0	0	15		-73
	SORG:	188	0	0	4	0	0	14	32	0	0	15		-57
	PULS:	314	0	0	4	0	0	17	5	1	0	15		-34
	SOYB:	10	0	0	4	0	0	34	6	0	0	15		-51
	GROU:	274	0	0	4	0	0	6	4	2	0	15		-23
	SESA:	105	0	0	4	0	0	3	3	3	0	15		-20
GR-L.2	TOTAL	2006	0	0	4	0	0	36	11	0	0	7		-50
	POTA:	24	0	0	4	0	0	96	19	0	0	8		-119
	SPOT:	341	0	0	4	0	0	65	9	0	0	8		-78
	CASS:	492	0	0	4	0	0	36	4	0	0	8		-44
	PLAN:	930	0	0	4	0	0	27	15	0	0	8		-46
	VEGE:	99	0	0	4	0	0	14	13	0	0	8		-31
	BANA:	69	0	0	4	0	0	35	27	0	0	8		-66
	FRUI:	12	0	0	4	0	0	11	8	1	0	8		-24
	SUNF:	6	0	0	4	0	0	5	12	0	0	8		-21
	COFF:	28	0	0	4	0	0	20	3	1	0	8		-28
	TOBA:	5	0	0	4	0	0	35	0	1	0	8		-40
GR-L.3	TOTAL	95	0	0	4	0	0	3	0	9	0	15		-23
	COTT:	95	0	0	4	0	0	3	0	9	0	15		-23
	FALLOW:	189											1	
PR	TOTAL	1837	0	0	6371	0	0	42499	10795	557	0	14289	165	-61604
PR-L.1	TOTAL	513	0	0	4	0	0	8	10	1	0	11		-26
	RICE:	10	0	0	4	0	0	5	11	0	0	11		-23
	MAIZ:	118	0	0	4	0	0	8	8	0	0	11		-23
	MILL:	126	0	0	4	0	0	9	22	0	0	11		-38
	SORG:	90	0	0	4	0	0	8	13	0	0	11		-28
	PULS:	153	0	0	4	0	0	9	2	2	0	11		-20
	GROU:	11	0	0	4	0	0	5	2	3	0	11		-17
	SESA:	5	0	0	4	0	0	2	1	4	0	11		-14
PR-L.2	TOTAL	669	0	0	4	0	0	37	6	0	0	7		-46
	POTA:	7	0	0	4	0	0	54	7	0	0	8		-65
	SPOT:	65	0	0	4	0	0	55	5	0	0	8		-64
	CASS:	357	0	0	4	0	0	41	3	0	0	8		-48
	PLAN:	239	0	0	4	0	0	26	10	0	0	8		-40
	FRUI:	1	0	0	4	0	0	12	6	0	0	8		-22
PR-L.3	TOTAL	268	0	0	4	0	0	28	6	0	0	4		-34
	PLAN:	239	0	0	4	0	0	26	5	0	0	4		-31
	BANA:	29	0	0	4	0	0	42	11	0	0	4		-53

Zaire

Table 211 The N-balance per crop and Land Use System for Zaire, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	14632	3600	845	27047	43677	451	111591	16630	14905	64029	66658	17603	-180590 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	4500	995	131	6770	14080	0	33222	6051	2391	8961	10270	6210	-32709 (TON/LWC)
GR-L.1 TOTAL	620	1	0	5	16	0	23	5	2	7	10		-25 (KG/HA)
WHEA:	16	0	0	5	5	0	20	2	3	8	10		-33 (KG/HA)
RICE:	6	1	0	5	5	0	6	3	5	9	10		-22 (KG/HA)
MAIZ:	285	1	0	5	5	0	18	5	3	8	10		-33 (KG/HA)
MILL:	1	0	0	5	5	0	15	8	2	7	10		-32 (KG/HA)
SORG:	12	11	0	5	5	0	58	22	0	2	10		-71 (KG/HA)
PULS:	77	1	0	5	20	0	16	3	3	8	10		-14 (KG/HA)
SOYB:	19	0	0	5	45	0	50	7	0	4	10		-21 (KG/HA)
GROU:	191	1	0	5	32	0	30	6	1	6	10		-15 (KG/HA)
SESA:	13	0	0	5	5	0	9	2	4	9	10		-24 (KG/HA)
GR-L.2 TOTAL	571	0	0	5	5	0	29	5	0	3	5		-32
POTA:	1	0	0	5	5	0	24	1	2	7	5		-29
SPOT:	5	0	0	5	5	0	26	1	2	7	5		-31
CASS:	544	0	0	5	5	0	29	5	0	3	5		-32
FRUI:	12	2	0	5	5	0	13	1	4	9	5		-20
TOBA:	9	0	0	5	5	0	22	0	3	8	5		-28
GR-L.3 TOTAL	110	1	0	5	5	0	9	0	4	17	10		-29
COTT:	110	1	0	5	5	0	9	0	4	17	10		-29
GR-L.4 TOTAL	37	0	4	5	5	0	28	1	3	8	3		-29
SPOT:	5	0	4	5	5	0	26	1	3	8	3		-27
VEGE:	32	1	4	5	5	0	28	1	3	8	3		-28
GR-L.5 TOTAL	57	2	0	5	5	0	6	0	5	10	0		-9
PLAN:	24	0	0	5	5	0	3	0	5	10	0		-8
BANA:	5	0	0	5	5	0	5	0	5	9	0		-9
CITR:	28	3	0	5	5	0	10	0	5	10	0		-12
FALLOW:	3105											2	(KG/HA)

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Table 212 The P205-balance per crop and Land Use System for Zaire, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	14632	3000	423	10239	0	370	39134	8621	0	0	24227	17603	-40347 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	4500	820	66	2563	0	0	12684	3023	0	0	3081	6210	-9129 (TON/LWC)
GR-L.1 TOTAL	620	1	0	2	0	0	11	3	0	0	3		-14 (KG/HA)
WHEA:	16	0	0	2	0	0	9	1	0	0	3		-11 (KG/HA)
RICE:	6	0	0	2	0	0	4	1	0	0	3		-6 (KG/HA)
MAIZ:	285	0	0	2	0	0	10	3	0	0	3		-14 (KG/HA)
MILL:	1	0	0	2	0	0	11	3	0	0	3		-15 (KG/HA)
SORG:	12	11	0	2	0	0	50	21	0	0	3		-61 (KG/HA)
PULS:	77	2	0	2	0	0	6	1	0	0	3		-6 (KG/HA)
SOYB:	19	0	0	2	0	0	20	2	0	0	3		-23 (KG/HA)
GROU:	191	1	0	2	0	0	11	3	0	0	3		-14 (KG/HA)
SESA:	13	0	0	2	0	0	4	1	0	0	3		-6 (KG/HA)
GR-L.2 TOTAL	571	0	0	2	0	0	8	2	0	0	2		-10
POTA:	1	0	0	2	0	0	16	1	0	0	2		-17
SPOT:	5	0	0	2	0	0	10	1	0	0	2		-11
CASS:	544	0	0	2	0	0	8	2	0	0	2		-10
FRUI:	12	1	0	2	0	0	3	0	0	0	2		-2
TOBA:	9	0	0	2	0	0	8	0	0	0	2		-8
GR-L.3 TOTAL	110	1	0	2	0	0	11	0	0	0	3		-11
COTT:	110	1	0	2	0	0	11	0	0	0	3		-11
GR-L.4 TOTAL	37	0	2	2	0	0	7	1	0	0	1		-5
SPOT:	5	0	2	2	0	0	10	1	0	0	1		-8
VEGE:	32	0	2	2	0	0	7	1	0	0	1		-5
GR-L.5 TOTAL	57	0	0	2	0	0	2	0	0	0	0		0
PLAN:	24	0	0	2	0	0	1	0	0	0	0		1
BANA:	5	0	0	2	0	0	3	0	0	0	0		-1
CITR:	28	0	0	2	0	0	3	0	0	0	0		-1
FALLOW:	3105											2	(KG/HA)

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Table 213 The K20-balance per crop and Land Use System for Zaire, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	14632	2202	1328	21251	0	416	107617	17708	16343	0	49993	8801	-157663 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	4500	351	206	5319	0	0	27102	7454	2202	0	7702	3105	-35479 (TON/LWC)
GR-L.1 TOTAL	620	0	0	4	0	0	8	11	1	0	7		-23 (KG/HA)
WHEA:	16	0	0	4	0	0	6	12	1	0	8		-23 (KG/HA)
RICE:	6	0	0	4	0	0	2	10	2	0	8		-18 (KG/HA)
MAIZ:	285	0	0	4	0	0	6	12	1	0	8		-23 (KG/HA)
MILL:	1	0	0	4	0	0	5	25	0	0	8		-34 (KG/HA)
SORG:	12	2	0	4	0	0	18	63	0	0	8		-83 (KG/HA)
PULS:	77	0	0	4	0	0	11	5	2	0	8		-22 (KG/HA)
SOYB:	19	0	0	4	0	0	19	6	1	0	8		-30 (KG/HA)
GROU:	191	0	0	4	0	0	8	8	2	0	8		-22 (KG/HA)
SESA:	13	0	0	4	0	0	2	3	3	0	8		-12 (KG/HA)
GR-L.2 TOTAL	571	0	0	4	0	0	35	1	0	0	4		-36
POTA:	1	0	0	4	0	0	45	3	0	0	4		-48
SPOT:	5	0	0	4	0	0	48	2	0	0	4		-50
CASS:	544	0	0	4	0	0	36	1	0	0	4		-37
FRUI:	12	1	0	4	0	0	15	4	0	0	4		-18
TOBA:	9	0	0	4	0	0	35	0	1	0	4		-36
GR-L.3 TOTAL	110	0	0	4	0	0	5	0	12	0	7		-20
COTT:	110	0	0	4	0	0	5	0	12	0	8		-21
GR-L.4 TOTAL	37	0	6	4	0	0	15	3	3	0	2		-13
SPOT:	5	0	6	4	0	0	48	2	0	0	2		-42
VEGE:	32	0	6	4	0	0	10	3	3	0	2		-8
GR-L.5 TOTAL	57	2	0	4	0	0	16	0	1	0	0		-11
PLAN:	24	0	0	4	0	0	17	0	0	0	0		-13
BANA:	5	0	0	4	0	0	22	0	0	0	0		-18
CITR:	28	3	0	4	0	0	15	0	2	0	0		-10
FALLOW:	3105											1	(KG/HA)

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Table 214 The N-balance per crop and Land Use System for Zaire, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	16222	8405	1185	36863	66489	1583	186718	27334	17853	83680	92103	16709	-276454 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	5533	1598	280	7255	16312	0	40826	7317	2531	9398	10885	8079	-37433 (TON/LWC)
GR-L.1 TOTAL	688	1	0	5	18	0	28	7	2	6	10		-29 (KG/HA)
WHEA:	10	0	0	5	5	0	58	4	0	4	10		-66 (KG/HA)
RICE:	6	2	0	5	5	0	10	5	4	9	10		-26 (KG/HA)
MAIZ:	323	1	0	5	5	0	22	6	2	7	10		-36 (KG/HA)
MILL:	35	0	0	5	5	0	15	8	2	7	10		-32 (KG/HA)
SORG:	16	11	0	5	5	0	58	22	0	3	10		-72 (KG/HA)
PULS:	50	2	0	5	20	0	16	3	4	9	10		-15 (KG/HA)
SOYB:	52	0	0	5	51	0	56	8	0	3	10		-21 (KG/HA)
GROU:	187	1	0	5	36	0	33	7	1	6	10		-15 (KG/HA)
SESA:	9	0	0	5	5	0	6	1	5	10	10		-22 (KG/HA)
GR-L.2 TOTAL	494	1	0	5	5	0	34	5	0	2	5		-35
POTA:	2	0	0	5	5	0	24	1	2	7	5		-29
SPOT:	8	0	0	5	5	0	28	1	2	6	5		-32
CASS:	460	1	0	5	5	0	35	6	0	2	5		-37
FRUI:	16	4	0	5	5	0	14	1	4	9	5		-19
TOBA:	8	0	0	5	5	0	45	0	1	6	5		-47
GR-L.3 TOTAL	129	1	0	5	5	0	11	0	4	19	10		-33
COTT:	129	1	0	5	5	0	11	0	4	19	10		-33
GR-L.4 TOTAL	79	1	4	5	5	0	33	1	2	7	3		-31
SPOT:	8	0	4	5	5	0	28	1	3	7	3		-28
VEGE:	71	1	4	5	5	0	33	1	2	7	3		-31
GR-L.5 TOTAL	104	1	0	5	5	0	7	0	5	10	0		-11
PLAN:	67	0	0	5	5	0	3	0	5	10	0		-8
BANA:	7	1	0	5	5	0	6	0	4	9	0		-8
CITR:	30	3	0	5	5	0	14	0	5	10	0		-16
FALLOW:	4039											2	(KG/HA)

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NF	TOTAL	400	215	0	621	2629	1433	2541	272	371	1715	0	0	-1
NF-L.1	TOTAL	128	2	0	5	21	11	20	2	3	13	0		1
	RICE:	111	2	0	5	22	9	20	2	3	13	0		0
	VEGE:	5	2	0	5	2	44	37	1	2	12	0		0
	PULS:	12	2	0	5	15	14	14	1	5	15	0		0
NF-L.2	TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
NF-H.1	TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
	FALLCW:	272											2	
IR	TOTAL	15	274	0	73	130	150	793	66	62	196	0	0	-490
IR-H.1	TOTAL	5	3	0	5	22	10	50	8	0	8	0		-26
	RICE:	5	3	0	5	22	10	50	8	0	8	0		-26
IR-H.2	TOTAL	10	26	0	5	2	10	54	3	6	16	0		-36
	CANE:	10	26	0	5	2	10	54	3	6	16	0		-36

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Table 215 The P205-balance per crop and Land Use System for Zaire, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	16222	7001	592	13956	0	1390	65876	14093	0	0	33722	16709	-74043 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	5533	1430	140	2747	0	0	16319	3671	0	0	3265	8079	-10859 (TON/LWC)
GR-L.1 TOTAL	688	1	0	2	0	0	13	3	0	0	3		-16 (KG/HA)
WHEA:	10	0	0	2	0	0	26	4	0	0	3		-31 (KG/HA)
RICE:	6	1	0	2	0	0	7	3	0	0	3		-10 (KG/HA)
MAIZ:	323	1	0	2	0	0	12	3	0	0	3		-15 (KG/HA)
MILL:	35	0	0	2	0	0	11	3	0	0	3		-15 (KG/HA)
SORG:	16	11	0	2	0	0	50	21	0	0	3		-61 (KG/HA)
PULS:	50	4	0	2	0	0	6	1	0	0	3		-4 (KG/HA)
SOYB:	52	2	0	2	0	0	23	3	0	0	3		-25 (KG/HA)
GROU:	187	1	0	2	0	0	12	3	0	0	3		-15 (KG/HA)
SESA:	9	0	0	2	0	0	3	1	0	0	3		-5 (KG/HA)
GR-L.2 TOTAL	494	1	0	2	0	0	9	3	0	0	2		-11
POTA:	2	0	0	2	0	0	17	1	0	0	2		-18
SPOT:	8	0	0	2	0	0	11	2	0	0	2		-13
CASS:	460	1	0	2	0	0	9	3	0	0	2		-11
FRUI:	16	2	0	2	0	0	4	0	0	0	2		-2
TOBA:	8	0	0	2	0	0	15	0	0	0	2		-15
GR-L.3 TOTAL	129	0	0	2	0	0	13	0	0	0	3		-14
COTT:	129	0	0	2	0	0	13	0	0	0	3		-14
GR-L.4 TOTAL	79	0	2	2	0	0	8	1	0	0	1		-6
SPOT:	8	0	2	2	0	0	11	2	0	0	1		-10
VEGE:	71	0	2	2	0	0	8	1	0	0	1		-6
GR-L.5 TOTAL	104	1	0	2	0	0	2	0	0	0	0		1
PLAN:	67	0	0	2	0	0	1	0	0	0	0		1
BANA:	7	0	0	2	0	0	4	0	0	0	0		-2
CIITR:	30	3	0	2	0	0	4	0	0	0	0		1
FALLOW:	4039											2	(KG/HA)

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NF	TOTAL	400	141	0	235	0	1345	1580	141	0	0	0	0	0
NF-L.1	TOTAL	128	1	0	2	0	11	12	1	0	0	0		1
	RICE:	111	1	0	2	0	12	13	1	0	0	0		0
	VEGE:	5	1	0	2	0	7	9	1	0	0	0		0
	PULS:	12	4	0	2	0	0	5	0	0	0	0		0
NF-L.2	TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
NF-H.1	TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
	FALLOW:	272												2
IR	TOTAL	15	137	0	28	0	45	621	79	0	0	0	0	-490
IR-H.1	TOTAL	5	1	0	2	0	3	34	3	0	0	0		-31
	RICE:	5	1	0	2	0	3	34	3	0	0	0		-31
IR-H.2	TOTAL	10	13	0	2	0	3	45	6	0	0	0		-33
	CANE:	10	13	0	2	0	3	45	6	0	0	0		-33

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Table 216 The K20-balance per crop and Land Use System for Zaire, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	16222	4303	1862	28964	0	1585	178786	29576	18173	0	69078	8354	-250545 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
GR TOTAL	5533	562	440	5701	0	0	31471	10375	2359	0	8164	4039	-41627 (TON/LWC)
GR-L.1 TOTAL	688	0	0	4	0	0	9	14	1	0	7		-27 (KG/HA)
WHEA:	10	0	0	4	0	0	18	33	0	0	8		-55 (KG/HA)
RICE:	6	0	0	4	0	0	4	19	0	0	8		-27 (KG/HA)
MAIZ:	323	0	0	4	0	0	7	15	0	0	8		-26 (KG/HA)
MILL:	35	0	0	4	0	0	5	25	0	0	8		-34 (KG/HA)
SORG:	16	1	0	4	0	0	18	63	0	0	8		-84 (KG/HA)
PULS:	50	0	0	4	0	0	11	5	2	0	8		-22 (KG/HA)
SOYB:	52	0	0	4	0	0	22	7	1	0	8		-34 (KG/HA)
GROU:	187	1	0	4	0	0	9	9	2	0	8		-23 (KG/HA)
SESA:	9	0	0	4	0	0	2	2	4	0	8		-12 (KG/HA)
GR-L.2 TOTAL	494	1	0	4	0	0	42	2	0	0	4		-43
POTA:	2	0	0	4	0	0	46	3	0	0	4		-49
SPOT:	8	1	0	4	0	0	52	2	0	0	4		-53
CASS:	460	1	0	4	0	0	42	1	0	0	4		-42
FRUI:	16	2	0	4	0	0	17	4	0	0	4		-19
TOBA:	8	0	0	4	0	0	70	0	0	0	4		-70
GR-L.3 TOTAL	129	0	0	4	0	0	6	0	13	0	7		-22
COTT:	129	0	0	4	0	0	6	0	13	0	8		-23
GR-L.4 TOTAL	79	0	6	4	0	0	16	3	2	0	2		-13
SPOT:	8	0	6	4	0	0	52	2	0	0	2		-46
VEGE:	71	0	6	4	0	0	11	3	3	0	2		-9
GR-L.5 TOTAL	104	1	0	4	0	0	21	0	0	0	0		-16
PLAN:	67	0	0	4	0	0	20	0	0	0	0		-16
BANA:	7	0	0	4	0	0	29	0	0	0	0		-25
CITR:	30	3	0	4	0	0	21	0	0	0	0		-14
FALLOW:	4039											1	(KG/HA)

Zaire

NF	TOTAL	400	27	0	488	0	1510	949	1010	66	0	0	0	0
NF-L.1	TOTAL	128	0	0	4	0	12	7	8	1	0	0		0
	RICE:	111	0	0	4	0	12	7	9	0	0	0		0
	VEGE:	5	1	0	4	0	14	13	4	2	0	0		0
	PULS:	12	0	0	4	0	11	9	1	5	0	0		0
NF-L.2	TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
NF-H.1	TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
	FALLOW:	272											1	
IR	TOTAL	15	67	0	57	0	75	1357	182	0	0	0	0	-1340
IR-H.1	TOTAL	5	0	0	4	0	5	18	29	0	0	0		-38
	RICE:	5	0	0	4	0	5	18	29	0	0	0		-38
IR-H.2	TOTAL	10	7	0	4	0	5	127	4	0	0	0		-115
	CANE:	10	7	0	4	0	5	127	4	0	0	0		-115

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Table 217 The N-balance per crop and Land Use System for Zambia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5259	49898	1195	3971	5023	180	21146	2739	16998	21596	12397	8807	-5802 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	2233	12492	708	1483	1632	0	6998	1711	4841	6396	9420	3797	-9254 (TON/LWC)
UR-L.1 TOTAL	38	8	3	4	12	0	13	7	7	11	30		-41 (KG/HA)
MILL:	7	4	6	4	4	0	13	13	6	10	30		-54 (KG/HA)
SORG:	11	9	3	4	4	0	9	6	8	12	30		-45 (KG/HA)
PULS:	5	7	1	4	11	0	8	3	7	11	30		-36 (KG/HA)
GROU:	15	10	3	4	21	0	19	7	7	11	30		-36 (KG/HA)
UR-L.2 TOTAL	14	17	4	4	4	0	18	10	8	13	20		-40
CASS:	10	0	4	4	4	0	15	12	3	7	20		-45
FRUI:	3	75	4	4	4	0	15	7	27	31	20		-13
TOBA:	1	20	4	4	4	0	56	0	7	12	20		-63
UR-L.3 TOTAL	15	16	0	4	4	0	11	0	9	23	30		-49
COTT:	15	16	0	4	4	0	11	0	9	23	30		-49
UR-H.1 TOTAL	219	50	2	4	4	0	24	5	18	22	30		-39
MAIZ:	219	50	2	4	4	0	24	5	18	22	30		-39
UR-H.2 TOTAL	49	16	0	4	4	0	19	2	8	12	20		-37
SPOT:	1	40	0	4	4	0	35	4	13	17	20		-41
VEGE:	27	1	0	4	4	0	23	2	3	7	20		-46
SUNF:	21	35	0	4	4	0	12	3	14	18	20		-24
FALLOW:	1898											2	(KG/HA)
GR TOTAL	2825	23216	487	2207	3002	0	12440	945	7774	10186	2497	4746	-184
GR-L.1 TOTAL	21	14	3	5	23	0	26	7	7	12	11		-18
MILL:	5	7	4	5	5	0	13	9	6	11	10		-28
SORG:	3	14	3	5	5	0	13	6	8	13	10		-23
PULS:	3	11	1	5	12	0	8	2	8	13	10		-12
SOYB:	3	17	5	5	61	0	68	12	3	8	10		-13
GROU:	7	16	3	5	25	0	22	6	8	13	10		-10
GR-L.2 TOTAL	21	14	0	5	23	0	26	0	6	11	5		-6
MILL:	5	7	0	5	5	0	13	0	5	9	5		-15
SORG:	3	14	0	5	5	0	13	0	7	12	5		-13
PULS:	3	11	0	5	12	0	8	0	8	13	5		-6
SOYB:	3	17	0	5	61	0	68	0	1	6	5		3
GROU:	7	16	0	5	25	0	22	0	7	12	5		0

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IR	TOTAL	17	13013	0	87	36	180	1132	48	3861	4060	0	0	4215
IR-L.1	TOTAL	3	64	0	5	2	10	41	2	19	29	0		-10
	VEGE:	2	2	0	5	2	10	47	2	1	10	0		-41
	FRUI:	1	188	0	5	2	10	30	3	57	67	0		48
IR-L.2	TOTAL	4	1012	0	5	2	11	78	4	299	310	0		339
	CANE:	4	900	0	5	2	10	69	3	266	276	0		303
IR-L.3	TOTAL	1	41	0	5	2	10	19	0	15	41	0		-17
	COTT:	1	41	0	5	2	10	19	0	15	41	0		-17
IR-H.1	TOTAL	4	475	0	5	2	10	87	1	139	148	0		117
	WHEA:	4	475	0	5	2	10	87	1	139	148	0		117
IR-H.2	TOTAL	1	81	0	5	2	10	19	0	28	49	0		2
	COTT:	1	81	0	5	2	10	19	0	28	49	0		2
IR-H.3	TOTAL	4	1687	0	5	2	11	78	6	502	513	0		606
	CANE:	4	1500	0	5	2	10	69	5	446	456	0		541

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Table 218 The P205-balance per crop and Land Use System for Zambia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5259	15796	543	1503	0	83	11003	1366	0	0	4461	8807	9902 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	2233	3710	303	561	0	0	3664	760	0	0	3532	3797	415 (TON/LWC)
UR-L.1 TOTAL	38	4	2	2	0	0	7	4	0	0	11		-14 (KG/HA)
MILL:	7	0	2	2	0	0	10	5	0	0	11		-22 (KG/HA)
SORG:	11	4	3	2	0	0	8	6	0	0	11		-16 (KG/HA)
PULS:	5	7	0	2	0	0	3	1	0	0	11		-6 (KG/HA)
GROU:	15	5	1	2	0	0	7	3	0	0	11		-13 (KG/HA)
UR-L.2 TOTAL	14	6	2	2	0	0	5	5	0	0	7		-7
CASS:	10	0	2	2	0	0	4	6	0	0	8		-14
FRUI:	3	23	2	2	0	0	4	2	0	0	8		13
TOBA:	1	20	2	2	0	0	19	0	0	0	8		-3
UR-L.3 TOTAL	15	4	0	2	0	0	13	0	0	0	11		-18
COTT:	15	4	0	2	0	0	13	0	0	0	11		-18
UR-H.1 TOTAL	219	14	1	2	0	0	13	2	0	0	11		-9
MAIZ:	219	14	1	2	0	0	13	2	0	0	11		-9
UR-H.2 TOTAL	49	7	0	2	0	0	5	2	0	0	7		-5
SPOT:	1	0	0	2	0	0	13	5	0	0	8		-24
VEGE:	27	0	0	2	0	0	5	2	0	0	8		-13
SUNF:	21	16	0	2	0	0	4	1	0	0	8		5
FALLOW:	1898											2	(KG/HA)
GR TOTAL	2825	7088	240	835	0	0	6351	488	0	0	749	4746	5321
GR-L.1 TOTAL	21	14	1	2	0	0	12	3	0	0	3		-1
MILL:	5	0	2	2	0	0	10	3	0	0	3		-12
SORG:	3	7	3	2	0	0	11	6	0	0	3		-8
PULS:	3	11	0	2	0	0	3	0	0	0	3		7
SOYB:	3	50	2	2	0	0	28	4	0	0	3		19
GROU:	7	8	1	2	0	0	8	2	0	0	3		-2
GR-L.2 TOTAL	21	14	0	2	0	0	12	0	0	0	2		2
MILL:	5	0	0	2	0	0	10	0	0	0	2		-10
SORG:	3	7	0	2	0	0	11	0	0	0	2		-4
PULS:	3	11	0	2	0	0	3	0	0	0	2		8
SOYB:	3	50	0	2	0	0	28	0	0	0	2		22
GROU:	7	8	0	2	0	0	8	0	0	0	2		0

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IR	TOTAL	17	4687	0	33	0	54	747	98	0	0	0	0	3929
IR-L.1	TOTAL	3	19	0	2	0	3	10	1	0	0	0	13	
	VEGE:	2	0	0	2	0	3	11	2	0	0	0	-8	
	FRUI:	1	56	0	2	0	3	7	1	0	0	0	53	
IR-L.2	TOTAL	4	356	0	2	0	3	65	9	0	0	0	287	
	CANE:	4	317	0	2	0	3	58	8	0	0	0	256	
IR-L.3	TOTAL	1	10	0	2	0	3	22	0	0	0	0	-7	
	COTT:	1	10	0	2	0	3	22	0	0	0	0	-7	
IR-H.1	TOTAL	4	200	0	2	0	3	39	1	0	0	0	165	
	WHEA:	4	200	0	2	0	3	39	1	0	0	0	165	
IR-H.2	TOTAL	1	20	0	2	0	3	22	0	0	0	0	3	
	COTT:	1	20	0	2	0	3	22	0	0	0	0	3	
IR-H.3	TOTAL	4	594	0	2	0	3	65	14	0	0	0	520	
	CANE:	4	528	0	2	0	3	58	12	0	0	0	463	

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Table 219 The K20-balance per crop and Land Use System for Zambia, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	5259	8086	2754	3121	0	145	9776	6410	6457	0	9298	4403	-13432 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	2233	1536	1965	1165	0	0	2681	4564	2606	0	7065	1898	-10352 (TON/LWC)
UR-L.1 TOTAL	38	2	8	3	0	0	4	17	8	0	22		-38 (KG/HA)
MILL:	7	0	18	3	0	0	5	40	9	0	23		-56 (KG/HA)
SORG:	11	0	8	3	0	0	3	18	7	0	23		-40 (KG/HA)
PULS:	5	0	2	3	0	0	5	5	6	0	23		-34 (KG/HA)
GROU:	15	5	4	3	0	0	5	9	8	0	23		-33 (KG/HA)
UR-L.2 TOTAL	14	9	6	3	0	0	23	7	10	0	15		-37
CASS:	10	0	7	3	0	0	18	3	6	0	15		-32
FRUI:	3	38	7	3	0	0	18	22	22	0	15		-29
TOBA:	1	20	7	3	0	0	87	0	10	0	15		-82
UR-L.3 TOTAL	15	2	0	3	0	0	6	0	16	0	22		-39
COTT:	15	2	0	3	0	0	6	0	16	0	23		-40
UR-H.1 TOTAL	219	3	7	3	0	0	8	16	7	0	22		-40
MAIZ:	219	3	7	3	0	0	8	16	7	0	23		-41
UR-H.2 TOTAL	49	12	0	3	0	0	7	6	9	0	15		-22
SPOT:	1	40	0	3	0	0	64	7	16	0	15		-59
VEGE:	27	1	0	3	0	0	8	6	3	0	15		-28
SUNF:	21	25	0	3	0	0	3	6	16	0	15		-12
FALLOW:	1898											1	(KG/HA)
GR TOTAL	2825	2765	789	1734	0	0	5166	1681	1912	0	1873	2373	-2971
GR-L.1 TOTAL	21	8	6	4	0	0	9	14	8	0	8		-21
MILL:	5	0	12	4	0	0	5	27	5	0	8		-29
SORG:	3	0	8	4	0	0	4	18	4	0	8		-22
PULS:	3	0	1	4	0	0	5	3	4	0	8		-15
SOYB:	3	33	5	4	0	0	26	10	19	0	8		-21
GROU:	7	8	3	4	0	0	6	7	8	0	8		-14
GR-L.2 TOTAL	21	8	0	4	0	0	9	0	5	0	4		-6
MILL:	5	0	0	4	0	0	5	0	0	0	4		-5
SORG:	3	0	0	4	0	0	4	0	0	0	4		-4
PULS:	3	0	0	4	0	0	5	0	3	0	4		-8
SOYB:	3	33	0	4	0	0	26	0	16	0	4		-9
GROU:	7	8	0	4	0	0	6	0	6	0	4		-4

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IR	TOTAL	17	3613	0	69	0	90	1653	95	1681	0	0	0	343
IR-L.1	TOTAL	3	32	0	4	0	5	23	6	15	0	0		-3
	VEGE:	2	2	0	4	0	5	16	5	1	0	0		-11
	FRUI:	1	94	0	4	0	5	36	9	41	0	0		17
IR-L.2	TOTAL	4	291	0	4	0	6	182	5	130	0	0		-16
	CANE:	4	258	0	4	0	5	162	5	115	0	0		-15
IR-L.3	TOTAL	1	5	0	4	0	5	11	0	24	0	0		-21
	COTT:	1	5	0	4	0	5	11	0	24	0	0		-21
IR-H.1	TOTAL	4	100	0	4	0	5	27	6	42	0	0		34
	WHEA:	4	100	0	4	0	5	27	6	42	0	0		34
IR-H.2	TOTAL	1	10	0	4	0	5	11	0	23	0	0		-15
	COTT:	1	10	0	4	0	5	11	0	23	0	0		-15
IR-H.3	TOTAL	4	484	0	4	0	6	182	8	226	0	0		78
	CANE:	4	431	0	4	0	5	162	7	201	0	0		70

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Table 220 The N-balance per crop and Land Use System for Zambia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	6010	130587	2747	8572	10798	439	51160	6913	42700	52361	27077	8352	-18717 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	2557	32429	1920	3170	3553	0	16543	4560	11914	15131	20580	3682	-23974 (TON/LWC)
UR-L.1 TOTAL	121	10	5	4	10	0	16	11	7	12	30		-47 (KG/HA)
MILL:	34	11	9	4	4	0	21	20	7	11	30		-61 (KG/HA)
SORG:	57	4	2	4	4	0	7	5	6	11	30		-45 (KG/HA)
PULS:	7	34	4	4	24	0	22	9	14	18	30		-27 (KG/HA)
GROU:	23	18	5	4	28	0	26	10	8	13	30		-32 (KG/HA)
UR-L.2 TOTAL	23	34	4	4	4	0	22	13	12	17	20		-38
CASS:	17	5	4	4	4	0	19	15	4	8	20		-49
FRUI:	4	156	4	4	4	0	17	8	50	55	20		18
TOBA:	2	36	4	4	4	0	56	0	12	16	20		-56
UR-L.3 TOTAL	16	38	0	4	4	0	15	0	14	32	30		-45
COTT:	16	38	0	4	4	0	15	0	14	32	30		-45
UR-H.1 TOTAL	489	57	3	4	4	0	25	6	20	24	30		-37
MAIZ:	489	57	3	4	4	0	25	6	20	24	30		-37
UR-H.2 TOTAL	67	28	0	4	4	0	24	3	11	15	20		-37
SPOT:	1	30	0	4	4	0	44	5	8	13	20		-52
VEGE:	37	10	0	4	4	0	31	3	5	9	20		-50
SUNF:	29	51	0	4	4	0	14	3	18	22	20		-18
FALLOW:	1841											2	(KG/HA)
GR TOTAL	3203	68284	827	4830	6427	0	30961	2155	21627	26679	5397	4420	-2031
GR-L.1 TOTAL	65	21	4	5	16	0	24	10	9	14	10		-21
MILL:	29	18	6	5	5	0	19	12	8	13	10		-28
SORG:	15	7	2	5	5	0	12	5	6	11	10		-25
PULS:	5	57	2	5	23	0	20	5	20	25	10		7
SOYB:	4	13	6	5	71	0	81	14	0	5	10		-15
GROU:	12	29	4	5	32	0	30	8	11	16	10		-5
GR-L.2 TOTAL	65	21	0	5	16	0	24	0	8	13	5		-8
MILL:	29	18	0	5	5	0	19	0	7	11	5		-14
SORG:	15	7	0	5	5	0	12	0	6	10	5		-16
PULS:	5	57	0	5	23	0	20	0	20	25	5		15
SOYB:	4	13	0	5	71	0	81	0	0	3	5		0
GROU:	12	29	0	5	32	0	30	0	10	15	5		6

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IR	TOTAL	31	25483	0	160	106	330	2153	89	7547	8016	0	0	8274
IR-L.1	TOTAL	6	131	0	5	9	10	46	3	39	48	0		19
	RICE:	2	177	0	5	22	10	23	3	55	64	0		69
	VEGE:	3	13	0	5	2	10	62	2	2	11	0		-47
	FRUI:	1	390	0	5	2	10	41	4	116	125	0		121
IR-L.2	TOTAL	5	1612	0	5	2	11	109	5	475	485	0		556
	CANE:	5	1466	0	5	2	10	99	5	431	441	0		507
IR-L.3	TOTAL	3	111	0	6	2	12	35	0	34	76	0		-14
	COTT:	3	95	0	5	2	10	30	0	29	65	0		-12
IR-H.1	TOTAL	9	244	0	5	2	10	65	1	72	82	0		41
	WHEA:	9	244	0	5	2	10	65	1	72	82	0		41
IR-H.2	TOTAL	3	222	0	6	2	12	35	0	69	101	0		37
	COTT:	3	190	0	5	2	10	30	0	59	87	0		31
IR-H.3	TOTAL	5	2687	0	5	2	11	109	8	797	808	0		983
	CANE:	5	2443	0	5	2	10	99	7	725	734	0		895

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Table 221 The P205-balance per crop and Land Use System for Zambia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	6010	42017	1244	3246	0	129	27439	3357	0	0	9748	8352	14443 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	2557	10041	842	1200	0	0	8890	2051	0	0	7717	3682	-2893 (TON/LWC)
UR-L.1 TOTAL	121	7	2	2	0	0	10	6	0	0	11		-16 (KG/HA)
MILL:	34	4	4	2	0	0	15	8	0	0	11		-24 (KG/HA)
SORG:	57	2	2	2	0	0	6	5	0	0	11		-16 (KG/HA)
PULS:	7	47	1	2	0	0	9	2	0	0	11		28 (KG/HA)
GROU:	23	12	2	2	0	0	10	4	0	0	11		-9 (KG/HA)
UR-L.2 TOTAL	23	12	2	2	0	0	6	6	0	0	7		-3
CASS:	17	3	2	2	0	0	5	8	0	0	8		-14
FRUI:	4	42	2	2	0	0	4	2	0	0	8		32
TOBA:	2	36	2	2	0	0	19	0	0	0	8		13
UR-L.3 TOTAL	16	10	0	2	0	0	18	0	0	0	11		-17
COTT:	16	10	0	2	0	0	18	0	0	0	11		-17
UR-H.1 TOTAL	489	16	1	2	0	0	14	2	0	0	11		-8
MAIZ:	489	16	1	2	0	0	14	2	0	0	11		-8
UR-H.2 TOTAL	67	13	0	2	0	0	6	2	0	0	7		0
SPOT:	1	30	0	2	0	0	17	6	0	0	8		1
VEGE:	37	4	0	2	0	0	7	3	0	0	8		-12
SUNF:	29	25	0	2	0	0	5	1	0	0	8		13
FALLOW:	1841											2	(KG/HA)
GR TOTAL	3203	21632	402	1829	0	0	16302	1074	0	0	1619	4420	9288
GR-L.1 TOTAL	65	19	2	2	0	0	13	4	0	0	3		3
MILL:	29	7	2	2	0	0	14	5	0	0	3		-11
SORG:	15	3	2	2	0	0	10	5	0	0	3		-11
PULS:	5	79	1	2	0	0	8	1	0	0	3		70
SOYB:	4	75	2	2	0	0	33	5	0	0	3		38
GROU:	12	20	1	2	0	0	11	3	0	0	3		6
GR-L.2 TOTAL	65	19	0	2	0	0	13	0	0	0	2		6
MILL:	29	7	0	2	0	0	14	0	0	0	2		-7
SORG:	15	3	0	2	0	0	10	0	0	0	2		-7
PULS:	5	79	0	2	0	0	8	0	0	0	2		71
SOYB:	4	75	0	2	0	0	33	0	0	0	2		42
GROU:	12	20	0	2	0	0	11	0	0	0	2		9

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IR	TOTAL	31	9077	0	61	0	99	1499	175	0	0	0	0	7563
IR-L.1	TOTAL	6	34	0	2	0	3	14	2	0	0	0	0	23
	RICE:	2	41	0	2	0	3	16	1	0	0	0	0	29
	VEGE:	3	5	0	2	0	3	14	2	0	0	0	0	-6
	FRUI:	1	105	0	2	0	3	10	1	0	0	0	0	99
IR-L.2	TOTAL	5	570	0	2	0	3	91	13	0	0	0	0	471
	CANE:	5	518	0	2	0	3	82	12	0	0	0	0	429
IR-L.3	TOTAL	3	31	0	2	0	3	41	0	0	0	0	0	-5
	COTT:	3	26	0	2	0	3	36	0	0	0	0	0	-5
IR-H.1	TOTAL	9	111	0	2	0	3	29	1	0	0	0	0	86
	WHEA:	9	111	0	2	0	3	29	1	0	0	0	0	86
IR-H.2	TOTAL	3	61	0	2	0	3	41	0	0	0	0	0	25
	COTT:	3	52	0	2	0	3	36	0	0	0	0	0	21
IR-H.3	TOTAL	5	950	0	2	0	3	91	19	0	0	0	0	845
	CANE:	5	864	0	2	0	3	82	17	0	0	0	0	770

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Table 222 The K20-balance per crop and Land Use System for Zambia, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	6010	19285	7038	6736	0	354	21966	17528	13761	0	20308	4176	-35975 (TON/CTY)
LR TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0 (TON/LWC)
UR TOTAL	2557	3830	5471	2491	0	0	6185	12517	5938	0	15435	1841	-26442 (TON/LWC)
UR-L.1 TOTAL	121	2	13	3	0	0	5	28	9	0	22		-46 (KG/HA)
MILL:	34	1	29	3	0	0	7	64	12	0	23		-73 (KG/HA)
SORG:	57	0	7	3	0	0	2	15	7	0	23		-37 (KG/HA)
PULS:	7	0	6	3	0	0	15	13	5	0	23		-47 (KG/HA)
GROU:	23	9	6	3	0	0	7	13	11	0	23		-36 (KG/HA)
UR-L.2 TOTAL	23	20	6	3	0	0	28	7	15	0	15		-36
CASS:	17	3	7	3	0	0	23	4	8	0	15		-37
FRUI:	4	84	7	3	0	0	21	26	44	0	15		-12
TOBA:	2	36	7	3	0	0	87	0	18	0	15		-74
UR-L.3 TOTAL	16	4	0	3	0	0	9	0	20	0	22		-44
COTT:	16	4	0	3	0	0	9	0	20	0	23		-45
UR-H.1 TOTAL	489	4	8	3	0	0	9	17	7	0	22		-40
MAIZ:	489	4	8	3	0	0	9	17	7	0	23		-41
UR-H.2 TOTAL	67	19	0	3	0	0	9	8	11	0	15		-21
SPOT:	1	60	0	3	0	0	81	9	24	0	15		-66
VEGE:	37	5	0	3	0	0	11	8	4	0	15		-30
SUNF:	29	36	0	3	0	0	4	7	20	0	15		-7
FALLOW:	1841											1	(KG/HA)
GR TOTAL	3203	7877	1567	3795	0	0	12089	4585	3891	0	4048	2210	-9164
GR-L.1 TOTAL	65	8	11	4	0	0	9	24	8	0	8		-26
MILL:	29	2	17	4	0	0	7	39	6	0	8		-37
SORG:	15	0	7	4	0	0	4	16	4	0	8		-21
PULS:	5	0	4	4	0	0	13	8	3	0	8		-24
SOYB:	4	63	5	4	0	0	31	12	33	0	8		-12
GROU:	12	15	4	4	0	0	8	10	11	0	8		-14
GR-L.2 TOTAL	65	8	0	4	0	0	9	0	4	0	4		-5
MILL:	29	2	0	4	0	0	7	0	0	0	4		-5
SORG:	15	0	0	4	0	0	4	0	1	0	4		-5
PULS:	5	0	0	4	0	0	13	0	1	0	4		-14
SOYB:	4	63	0	4	0	0	31	0	30	0	4		2
GROU:	12	15	0	4	0	0	8	0	9	0	4		-2

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IR	TOTAL	31	7030	0	126	0	165	2973	185	3400	0	0	0	763
IR-L.1	TOTAL	6	38	0	4	0	5	22	9	16	0	0		0
	RICE:	2	0	0	4	0	5	8	10	0	0	0		-9
	VEGE:	3	7	0	4	0	5	21	6	1	0	0		-12
	FRUI:	1	210	0	4	0	5	49	12	95	0	0		63
IR-L.2	TOTAL	5	465	0	4	0	5	254	7	207	0	0		6
	CANE:	5	423	0	4	0	5	231	7	188	0	0		6
IR-L.3	TOTAL	3	11	0	4	0	6	20	0	41	0	0		-40
	COTT:	3	10	0	4	0	5	17	0	35	0	0		-33
IR-H.1	TOTAL	9	56	0	4	0	5	20	5	23	0	0		17
	WHEA:	9	56	0	4	0	5	20	5	23	0	0		17
IR-H.2	TOTAL	3	22	0	4	0	6	20	0	40	0	0		-28
	COTT:	3	19	0	4	0	5	17	0	35	0	0		-24
IR-H.3	TOTAL	5	775	0	4	0	5	254	11	362	0	0		157
	CANE:	5	705	0	4	0	5	231	10	329	0	0		144

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Table 223 The N-balance per crop and Land Use System for Zimbabwe, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4117	75312	1598	11662	18525	1490	52300	7353	30821	49474	99480	3291	-127550 (TON/CTY)
LR TOTAL	208	135	192	436	592	0	676	428	473	579	1100	195	-1706 (TON/LWC)
LR-L.1 TOTAL	110	1	2	4	5	0	6	4	4	5	10		-17 (KG/HA)
MILL:	29	0	2	4	3	0	6	6	4	5	10		-22 (KG/HA)
SORG:	51	1	1	4	3	0	4	3	4	5	10		-17 (KG/HA)
PULS:	25	4	2	4	12	0	10	4	5	6	10		-13 (KG/HA)
GROU:	5	1	1	4	10	0	7	3	4	5	10		-13 (KG/HA)
FALLOW:	98											2	(KG/HA)
UR TOTAL	857	7399	1238	2391	2638	0	7719	2732	4492	7605	15870	634	-24118
UR-L.1 TOTAL	450	6	3	4	5	0	11	6	6	11	30		-46
MAIZ:	328	7	3	4	4	0	12	6	7	11	30		-48
MILL:	21	0	3	4	4	0	8	7	5	9	30		-48
SORG:	68	2	1	4	4	0	4	3	6	10	30		-42
PULS:	10	11	3	4	20	0	18	7	7	12	30		-36
GROU:	23	2	3	4	18	0	15	6	5	9	30		-38
UR-L.2 TOTAL	17	4	4	4	4	0	21	8	5	9	20		-47
CASS:	5	0	4	4	4	0	16	13	3	7	20		-47
VEGE:	6	9	4	4	4	0	36	6	5	9	20		-55
FRUI:	1	0	4	4	4	0	8	4	5	10	20		-35
SUNF:	5	3	4	4	4	0	10	5	6	10	20		-36
UR-H.1 TOTAL	16	71	0	4	4	0	72	0	20	24	20		-57
POTA:	1	80	0	4	4	0	47	5	23	27	20		-34
TOBA:	13	73	0	4	4	0	78	0	20	24	20		-61
FODD:	2	51	0	4	4	0	40	0	17	21	20		-39
UR-H.2 TOTAL	57	65	0	4	4	0	24	0	21	40	30		-42
COTT:	57	65	0	4	4	0	24	0	21	40	30		-42
FALLOW:	317											2	
GR TOTAL	2205	22397	168	6416	12980	0	31150	3321	10923	19728	65490	1764	-86887
GR-L.1 TOTAL	1202	9	0	5	10	0	19	2	6	13	50		-66
MAIZ:	849	11	0	5	5	0	17	2	7	13	50		-68
MILL:	154	0	0	5	5	0	8	2	5	11	50		-66
SORG:	32	4	0	5	5	0	9	2	6	12	50		-65
PULS:	30	19	0	5	21	0	18	2	9	16	50		-50
SOYB:	39	18	0	5	121	0	143	10	0	3	50		-62
GROU:	98	3	0	5	19	0	15	2	5	12	50		-57

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NF	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF-L.1	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

IR	TOTAL	149	39298	0	722	298	1490	8845	366	11482	14436	0	0	6679
IR-H.1	TOTAL	63	119	0	5	2	10	63	4	34	43	0		-8

	WHEA:	16	332	0	5	2	10	138	5	90	99	0		17
	MAIZ:	39	17	0	5	2	10	29	3	7	17	0		-22
	BARL:	6	250	0	5	2	10	88	8	69	78	0		24
	VEGE:	2	23	0	5	2	10	72	5	4	13	0		-54
IR-H.2	TOTAL	3	86	0	5	2	10	17	3	30	39	0		14

	CITR:	3	86	0	5	2	10	17	3	30	39	0		14
IR-H.3	TOTAL	33	546	0	5	2	10	69	3	160	169	0		162

	CANE:	33	546	0	5	2	10	69	3	160	169	0		162
IR-H.4	TOTAL	50	270	0	5	2	10	50	0	80	120	0		37

	COTT:	50	270	0	5	2	10	50	0	80	120	0		37

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Table 224 The P205-balance per crop and Land Use System for Zimbabwe, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4117	42179	828	4415	0	447	29349	3950	0	0	37222	3291	-19361 (TON/CTY)
LR TOTAL	208	163	109	165	0	0	423	243	0	0	330	195	-364 (TON/LWC)
LR-L.1 TOTAL	110	1	1	1	0	0	4	2	0	0	3		-6 (KG/HA)
MILL:	29	0	1	1	0	0	4	2	0	0	3		-7 (KG/HA)
SORG:	51	0	1	1	0	0	4	3	0	0	3		-8 (KG/HA)
PULS:	25	6	0	1	0	0	4	1	0	0	3		-1 (KG/HA)
GROU:	5	0	1	1	0	0	3	1	0	0	3		-5 (KG/HA)
FALLOW:	98											2	(KG/HA)
UR TOTAL	857	3508	635	905	0	0	4870	1417	0	0	5951	634	-6556
UR-L.1 TOTAL	450	2	1	2	0	0	6	3	0	0	11		-15
MAIZ:	328	2	1	2	0	0	7	3	0	0	11		-16
MILL:	21	0	1	2	0	0	5	3	0	0	11		-16
SORG:	68	1	1	2	0	0	4	3	0	0	11		-14
PULS:	10	17	1	2	0	0	7	2	0	0	11		0
GROU:	23	1	1	2	0	0	5	2	0	0	11		-14
UR-L.2 TOTAL	17	3	2	2	0	0	5	5	0	0	7		-10
CASS:	5	0	2	2	0	0	4	6	0	0	8		-14
VEGE:	6	5	2	2	0	0	8	6	0	0	8		-13
FRUI:	1	0	2	2	0	0	2	1	0	0	8		-7
SUNF:	5	3	2	2	0	0	3	1	0	0	8		-5
UR-H.1 TOTAL	16	68	0	2	0	0	26	0	0	0	7		37
POTA:	1	40	0	2	0	0	32	3	0	0	8		-1
TOBA:	13	74	0	2	0	0	26	0	0	0	8		42
FOOD:	2	43	0	2	0	0	18	0	0	0	8		19
UR-H.2 TOTAL	57	23	0	2	0	0	29	0	0	0	11		-15
COTT:	57	23	0	2	0	0	29	0	0	0	11		-15
FALLOW:	317											2	
GR TOTAL	2205	18880	84	2429	0	0	15250	1594	0	0	24559	1764	-18246
GR-L.1 TOTAL	1202	9	0	2	0	0	10	1	0	0	19		-19
MAIZ:	849	4	0	2	0	0	9	1	0	0	19		-23
MILL:	154	0	0	2	0	0	5	1	0	0	19		-23
SORG:	32	2	0	2	0	0	8	2	0	0	19		-25
PULS:	30	29	0	2	0	0	7	0	0	0	19		5
SOYB:	39	149	0	2	0	0	58	3	0	0	19		71
GROU:	98	2	0	2	0	0	5	1	0	0	19		-21

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NF	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF-L.1	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

IR	TOTAL	149	17579	0	273	0	447	6762	419	0	0	0	0	11118
IR-H.1	TOTAL	63	75	0	2	0	3	29	2	0	0	0	0	49

	WHEA:	16	204	0	2	0	3	61	5	0	0	0	0	143
	MAIZ:	39	6	0	2	0	3	16	1	0	0	0	0	-6
	BARL:	6	200	0	2	0	3	36	3	0	0	0	0	166
	VEGE:	2	12	0	2	0	3	17	5	0	0	0	0	-5
IR-H.2	TOTAL	3	21	0	2	0	3	5	2	0	0	0	0	19

	CITR:	3	21	0	2	0	3	5	2	0	0	0	0	19
IR-H.3	TOTAL	33	244	0	2	0	3	57	8	0	0	0	0	184

	CANE:	33	244	0	2	0	3	57	8	0	0	0	0	184
IR-H.4	TOTAL	50	95	0	2	0	3	60	0	0	0	0	0	40

	COTT:	50	95	0	2	0	3	60	0	0	0	0	0	40

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Table 225 The K20-balance per crop and Land Use System for Zimbabwe, 1983

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4117	28855	3694	9163	0	745	31939	17630	25723	0	74609	1646	-105798 (TON/CTY)
LR TOTAL	208	31	505	342	0	0	301	1122	427	0	825	98	-1699 (TON/LWC)
LR-L.1 TOTAL	110	0	5	3	0	0	3	10	4	0	7		-16 (KG/HA)
MILL:	29	0	8	3	0	0	2	17	4	0	8		-20 (KG/HA)
SORG:	51	0	4	3	0	0	1	9	4	0	8		-15 (KG/HA)
PULS:	25	1	3	3	0	0	7	6	3	0	8		-17 (KG/HA)
GROU:	5	0	2	3	0	0	2	4	3	0	8		-12 (KG/HA)
FALLOW:	98											1	(KG/HA)
UR TOTAL	857	1977	2925	1878	0	0	4400	6457	5142	0	11902	317	-20804
UR-L.1 TOTAL	450	1	6	3	0	0	4	14	7	0	22		-37
MAIZ:	328	1	7	3	0	0	4	15	7	0	23		-38
MILL:	21	0	10	3	0	0	3	23	8	0	23		-44
SORG:	68	0	4	3	0	0	1	9	7	0	23		-33
PULS:	10	3	5	3	0	0	12	11	7	0	23		-42
GROU:	23	1	3	3	0	0	4	7	6	0	23		-33
UR-L.2 TOTAL	17	3	6	3	0	0	11	11	7	0	15		-32
CASS:	5	0	7	3	0	0	19	3	6	0	15		-33
VEGE:	6	7	7	3	0	0	12	19	7	0	15		-36
FRUI:	1	0	7	3	0	0	10	12	6	0	15		-33
SUNF:	5	3	7	3	0	0	3	10	8	0	15		-23
UR-H.1 TOTAL	16	82	0	3	0	0	109	1	36	0	15		-76
POTA:	1	40	0	3	0	0	89	12	11	0	15		-84
TOBA:	13	98	0	3	0	0	122	0	43	0	15		-79
FODD:	2	0	0	3	0	0	34	0	2	0	15		-48
UR-H.2 TOTAL	57	6	0	3	0	0	14	0	24	0	22		-51
COTT:	57	6	0	3	0	0	14	0	24	0	23		-52
FALLOW:	317											1	
GR TOTAL	2205	14660	264	5041	0	0	17426	7345	11413	0	49117	882	-64454
GR-L.1 TOTAL	1202	6	0	4	0	0	7	5	6	0	37		-45
MAIZ:	849	1	0	4	0	0	6	6	4	0	38		-49
MILL:	154	0	0	4	0	0	3	6	3	0	38		-46
SORG:	32	1	0	4	0	0	3	5	4	0	38		-45
PULS:	30	5	0	4	0	0	12	3	6	0	38		-50
SOYB:	39	141	0	4	0	0	55	8	68	0	38		-24
GROU:	98	1	0	4	0	0	4	2	6	0	38		-45

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NF	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NF-L.1	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

IR	TOTAL	149	10030	0	568	0	745	8207	1367	6154	0	0	0	-4385
IR-H.1	TOTAL	63	30	0	4	0	5	22	18	11	0	0	0	-12
	WHEA:	16	89	0	4	0	5	43	40	27	0	0	0	-12
	MAIZ:	39	1	0	4	0	5	10	8	3	0	0	0	-11
	BARL:	6	67	0	4	0	5	41	29	22	0	0	0	-16
	VEGE:	2	17	0	4	0	5	25	15	5	0	0	0	-19
IR-H.2	TOTAL	3	43	0	4	0	5	26	25	21	0	0	0	-20
	CITR:	3	43	0	4	0	5	26	25	21	0	0	0	-20
IR-H.3	TOTAL	33	204	0	4	0	5	161	5	88	0	0	0	-41
	CANE:	33	204	0	4	0	5	161	5	88	0	0	0	-41
IR-H.4	TOTAL	50	25	0	4	0	5	29	0	50	0	0	0	-45
	COTT:	50	25	0	4	0	5	29	0	50	0	0	0	-45

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Table 226 The N-balance per crop and Land Use System for Zimbabwe, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4966	272144	4364	14745	29985	2138	121328	19890	83833	108416	125180	3699	-131572 (TON/CTY)
LR TOTAL	244	523	254	309	489	0	840	565	428	503	780	332	-1209 (TON/LWC)
LR-L.1 TOTAL	78	7	3	4	6	0	11	7	5	6	10		-19 (KG/HA)
MILL:	42	0	2	4	3	0	6	6	4	5	10		-22 (KG/HA)
SORG:	20	20	5	4	3	0	16	11	9	10	10		-24 (KG/HA)
PULS:	8	12	4	4	21	0	20	8	6	7	10		-10 (KG/HA)
GROU:	8	2	3	4	17	0	15	6	4	5	10		-14 (KG/HA)
FALLOW:	166											2	(KG/HA)
UR TOTAL	1116	37215	3827	3161	4675	0	18708	8533	13339	17207	20930	803	-29036
UR-L.1 TOTAL	556	48	7	4	7	0	27	15	18	22	30		-46
MAIZ:	346	58	7	4	4	0	30	16	20	25	30		-48
MILL:	47	0	5	4	4	0	12	11	5	9	30		-54
SORG:	90	61	7	4	4	0	23	16	22	26	30		-41
PULS:	22	36	5	4	31	0	30	12	14	18	30		-28
GROU:	51	7	5	4	28	0	26	10	5	10	30		-37
UR-L.2 TOTAL	26	10	4	4	4	0	27	10	5	10	20		-50
CASS:	8	0	4	4	4	0	16	13	3	7	20		-47
VEGE:	8	15	4	4	4	0	50	9	5	9	20		-66
FRUI:	1	12	4	4	4	0	13	6	8	12	20		-35
SUNF:	9	13	4	4	4	0	17	8	8	12	20		-40
UR-H.1 TOTAL	23	77	0	4	4	0	66	0	22	27	20		-50
POTA:	2	80	0	4	4	0	26	3	26	30	20		-17
TOBA:	18	74	0	4	4	0	73	0	21	25	20		-57
FODD:	3	96	0	4	4	0	49	0	30	34	20		-29
UR-H.2 TOTAL	109	77	0	4	4	0	13	0	27	39	30		-24
COTT:	109	77	0	4	4	0	13	0	27	39	30		-24
FALLOW:	402											2	
GR TOTAL	2566	124152	283	8337	21437	0	74852	8777	37135	48868	84900	1693	-98630
GR-L.1 TOTAL	1512	66	0	5	13	0	40	5	20	26	50		-57
MAIZ:	938	97	0	5	5	0	44	6	28	35	50		-56
MILL:	254	0	0	5	5	0	12	3	4	10	50		-69
SORG:	24	102	0	5	5	0	49	9	27	34	50		-57
PULS:	34	60	0	5	27	0	24	2	21	27	50		-32
SOYB:	57	23	0	5	131	0	155	11	0	3	50		-60
GROU:	205	12	0	5	29	0	26	3	6	13	50		-52

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NF	TOTAL	5	182	0	24	110	0	46	5	81	142	0	0	42
NF-L.1	TOTAL	5	36	0	5	22	0	9	1	16	28	0		9
	RICE:	5	36	0	5	22	0	9	1	16	28	0		9
IR	TOTAL	214	81187	0	1037	507	2138	18175	841	23134	27917	0	0	14802
IR-H.1	TOTAL	97	193	0	5	3	10	97	6	52	61	0		-5
	WHEA:	36	276	0	5	2	10	127	5	74	84	0		3
	RICE:	4	55	0	5	22	10	32	5	17	27	0		11
	MAIZ:	47	146	0	5	2	10	84	8	38	48	0		-15
	BARL:	7	240	0	5	2	10	65	6	69	79	0		38
	VEGE:	3	39	0	5	2	10	90	6	6	15	0		-61
IR-H.2	TOTAL	4	165	0	5	2	10	28	5	52	62	0		35
	CITR:	4	165	0	5	2	10	28	5	52	62	0		35
IR-H.3	TOTAL	42	931	0	5	2	10	100	5	271	280	0		292
	CANE:	42	931	0	5	2	10	100	5	271	280	0		292
IR-H.4	TOTAL	71	319	0	5	2	10	64	0	92	140	0		40
	COIT:	71	319	0	5	2	10	64	0	92	140	0		40

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Table 227 The P205-balance per crop and Land Use System for Zimbabwe, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4966	131191	2427	5583	0	641	68157	10908	0	0	46884	3699	17592 (TON/CTY)
LR TOTAL	244	372	155	117	0	0	556	344	0	0	234	332	-158 (TON/LWC)
LR-L.1 TOTAL	78	5	2	1	0	0	7	4	0	0	3		-6 (KG/HA)
MILL:	42	0	1	1	0	0	4	2	0	0	3		-7 (KG/HA)
SORG:	20	10	5	1	0	0	14	11	0	0	3		-12 (KG/HA)
PULS:	8	18	1	1	0	0	8	2	0	0	3		7 (KG/HA)
GROU:	8	2	1	1	0	0	5	2	0	0	3		-6 (KG/HA)
FALLOW:	166											2	(KG/HA)
UR TOTAL	1116	16408	2130	1197	0	0	11216	4772	0	0	7849	803	-3299
UR-L.1 TOTAL	556	21	4	2	0	0	16	8	0	0	11		-8
MAIZ:	346	21	4	2	0	0	17	8	0	0	11		-9
MILL:	47	0	2	2	0	0	8	4	0	0	11		-19
SORG:	90	31	7	2	0	0	20	16	0	0	11		-7
PULS:	22	54	1	2	0	0	12	3	0	0	11		31
GROU:	51	6	2	2	0	0	10	4	0	0	11		-15
UR-L.2 TOTAL	26	5	2	2	0	0	7	6	0	0	7		-11
CASS:	8	0	2	2	0	0	4	7	0	0	8		-15
VEGE:	8	9	2	2	0	0	12	9	0	0	8		-16
FRUI:	1	0	2	2	0	0	3	2	0	0	8		-9
SUNF:	9	8	2	2	0	0	6	3	0	0	8		-5
UR-H.1 TOTAL	23	71	0	2	0	0	24	0	0	0	7		42
POTA:	2	40	0	2	0	0	18	2	0	0	8		14
TOBA:	18	74	0	2	0	0	24	0	0	0	8		44
FODD:	3	72	0	2	0	0	22	0	0	0	8		44
UR-H.2 TOTAL	109	27	0	2	0	0	16	0	0	0	11		2
COTT:	109	27	0	2	0	0	16	0	0	0	11		2
FALLOW:	402											2	
GR TOTAL	2566	67228	142	3156	0	0	38203	4292	0	0	31837	1693	-2113
GR-L.1 TOTAL	1512	33	0	2	0	0	21	3	0	0	19		-8
MAIZ:	938	35	0	2	0	0	24	3	0	0	19		-9
MILL:	254	0	0	2	0	0	8	1	0	0	19		-26
SORG:	24	52	0	2	0	0	43	9	0	0	19		-17
PULS:	34	90	0	2	0	0	9	1	0	0	19		63
SOYB:	57	177	0	2	0	0	63	4	0	0	19		93
GROU:	205	10	0	2	0	0	10	1	0	0	19		-18

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NF	TOTAL	5	45	0	9	0	0	31	3	0	0	0	0	20
NF-L.1	TOTAL	5	9	0	2	0	0	6	1	0	0	0	4	
	RICE:	5	9	0	2	0	0	6	1	0	0	0	4	
IR	TOTAL	214	36060	0	393	0	641	13450	853	0	0	0	0	22791
IR-H.1	TOTAL	97	107	0	2	0	3	47	4	0	0	0	61	
	WHEA:	36	177	0	2	0	3	56	5	0	0	0	121	
	RICE:	4	14	0	2	0	3	22	2	0	0	0	-5	
	MAIZ:	47	53	0	2	0	3	47	3	0	0	0	8	
	BARL:	7	210	0	2	0	3	27	2	0	0	0	186	
	VEGE:	3	21	0	2	0	3	21	6	0	0	0	-1	
IR-H.2	TOTAL	4	45	0	2	0	3	8	4	0	0	0	38	
	CITR:	4	45	0	2	0	3	8	4	0	0	0	38	
IR-H.3	TOTAL	42	414	0	2	0	3	83	12	0	0	0	324	
	CANE:	42	414	0	2	0	3	83	12	0	0	0	324	
IR-H.4	TOTAL	71	113	0	2	0	3	75	0	0	0	0	43	
	COTT:	71	113	0	2	0	3	75	0	0	0	0	43	

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Table 228 The K20-balance per crop and Land Use System for Zimbabwe, 2000

	AREA	FERT	MANU	DEPO	FIXA	SEDI	PROD	RESI	LEAC	GASE	EROS	FALL	TOTAL
	000 HA												
TOTAL	4966	69207	10393	11586	0	1088	63664	48404	42095	0	93884	1849	-153923 (TON/CTY)
LR TOTAL	244	82	690	243	0	0	319	1533	390	0	585	166	-1646 (TON/LMC)
LR-L.1 TOTAL	78	1	9	3	0	0	4	20	5	0	7		-23 (KG/HA)
MILL:	42	0	8	3	0	0	2	17	4	0	8		-20 (KG/HA)
SORG:	20	3	15	3	0	0	5	33	7	0	8		-32 (KG/HA)
PULS:	8	2	5	3	0	0	13	12	4	0	8		-27 (KG/HA)
GROU:	8	1	3	3	0	0	4	7	4	0	8		-16 (KG/HA)
FALLOW:	166											1	(KG/HA)
UR TOTAL	1116	5928	9258	2484	0	0	8609	20622	8979	0	15697	402	-35835
UR-L.1 TOTAL	556	6	16	3	0	0	9	36	11	0	22		-53
MAIZ:	346	6	17	3	0	0	10	38	11	0	23		-56
MILL:	47	0	16	3	0	0	4	35	8	0	23		-51
SORG:	90	9	21	3	0	0	7	47	14	0	23		-58
PULS:	22	5	8	3	0	0	20	18	8	0	23		-53
GROU:	51	4	6	3	0	0	7	13	8	0	23		-38
UR-L.2 TOTAL	26	8	6	3	0	0	14	16	8	0	15		-36
CASS:	8	0	7	3	0	0	20	4	6	0	15		-35
VEGE:	8	10	7	3	0	0	17	26	7	0	15		-45
FRUI:	1	12	7	3	0	0	15	19	10	0	15		-37
SUNF:	9	11	7	3	0	0	5	17	11	0	15		-27
UR-H.1 TOTAL	23	80	0	3	0	0	98	1	36	0	15		-67
POTA:	2	40	0	3	0	0	50	6	17	0	15		-45
TOBA:	18	98	0	3	0	0	113	0	43	0	15		-70
FODD:	3	0	0	3	0	0	41	0	2	0	15		-55
UR-H.2 TOTAL	109	6	0	3	0	0	8	0	17	0	22		-38
COTT:	109	6	0	3	0	0	8	0	17	0	23		-39
FALLOW:	402											1	
GR TOTAL	2566	35795	445	6550	0	0	35591	20084	17046	0	63675	847	-92759
GR-L.1 TOTAL	1512	14	0	4	0	0	14	12	6	0	37		-51
MAIZ:	938	10	0	4	0	0	15	15	3	0	38		-57
MILL:	254	0	0	4	0	0	4	9	2	0	38		-49
SORG:	24	14	0	4	0	0	15	27	0	0	38		-62
PULS:	34	8	0	4	0	0	16	4	7	0	38		-53
SOYB:	57	170	0	4	0	0	60	9	81	0	38		-14
GROU:	205	7	0	4	0	0	7	3	8	0	38		-45

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NF	TOTAL	5	45	0	19	0	19	16	21	46	0	0	0	0
NF-L.1	TOTAL	5	9	0	4	0	4	3	4	9	0	0		1
	RICE:	5	9	0	4	0	4	3	4	9	0	0		0
IR	TOTAL	214	20724	0	815	0	1069	15674	3113	11617	0	0	0	-7796
IR-H.1	TOTAL	97	42	0	4	0	5	32	28	11	0	0		-20
	WHEA:	36	75	0	4	0	5	40	36	22	0	0		-14
	RICE:	4	14	0	4	0	5	11	19	3	0	0		-10
	MAIZ:	47	16	0	4	0	5	28	23	0	0	0		-26
	BARL:	7	75	0	4	0	5	30	21	31	0	0		2
	VEGE:	3	26	0	4	0	5	31	19	7	0	0		-22
IR-H.2	TOTAL	4	60	0	4	0	5	43	41	24	0	0		-39
	CITR:	4	60	0	4	0	5	43	41	24	0	0		-39
IR-H.3	TOTAL	42	350	0	4	0	5	233	7	152	0	0		-33
	CANE:	42	350	0	4	0	5	233	7	152	0	0		-33
IR-H.4	TOTAL	71	24	0	4	0	5	37	0	58	0	0		-62
	COTT:	71	24	0	4	0	5	37	0	58	0	0		-62

