

The challenge of genetic change in animal production

Contents

Programme	i
Foreword	iii
Delegates	iv
INVITED PAPERS	
J C McKay, N F Barton, A N M Koerhuis & J McAdam The challenge of genetic change in the broiler chicken	1
J W M Merks One century of genetic changes in pigs and the future needs	8
R Preisinger & D K Flock Genetic changes in layer breeding: Historical trends and future prospects	20
B McGuirk Genetic changes in ruminants: Historic trends and future prospects	29
G C Emmans & I Kyriazakis Issues arising from genetic selection for growth and body composition characteristics in poultry and pigs	39
S Tamminga Issues arising from genetic change: Ruminants	53
H L Classen Managing metabolic disease in rapidly growing strains of poultry	63
P W Knap & S C Bishop Relationships between genetic change and infectious disease in domestic livestock	65
A B Lawrence, J E Pryce and A Stott Animal welfare and public perceptions as potential constraints to genetic change in animal production	81
POSTER PRESENTATIONS	
H N Kadarmideen, R Thompson & G Simm Linear and threshold model genetic parameters for disease, fertility and milk production in dairy cattle	83
A Cahaner & N Deeb Reduced heat tolerance in fast-growing broilers	85