

Analyse organische fracties

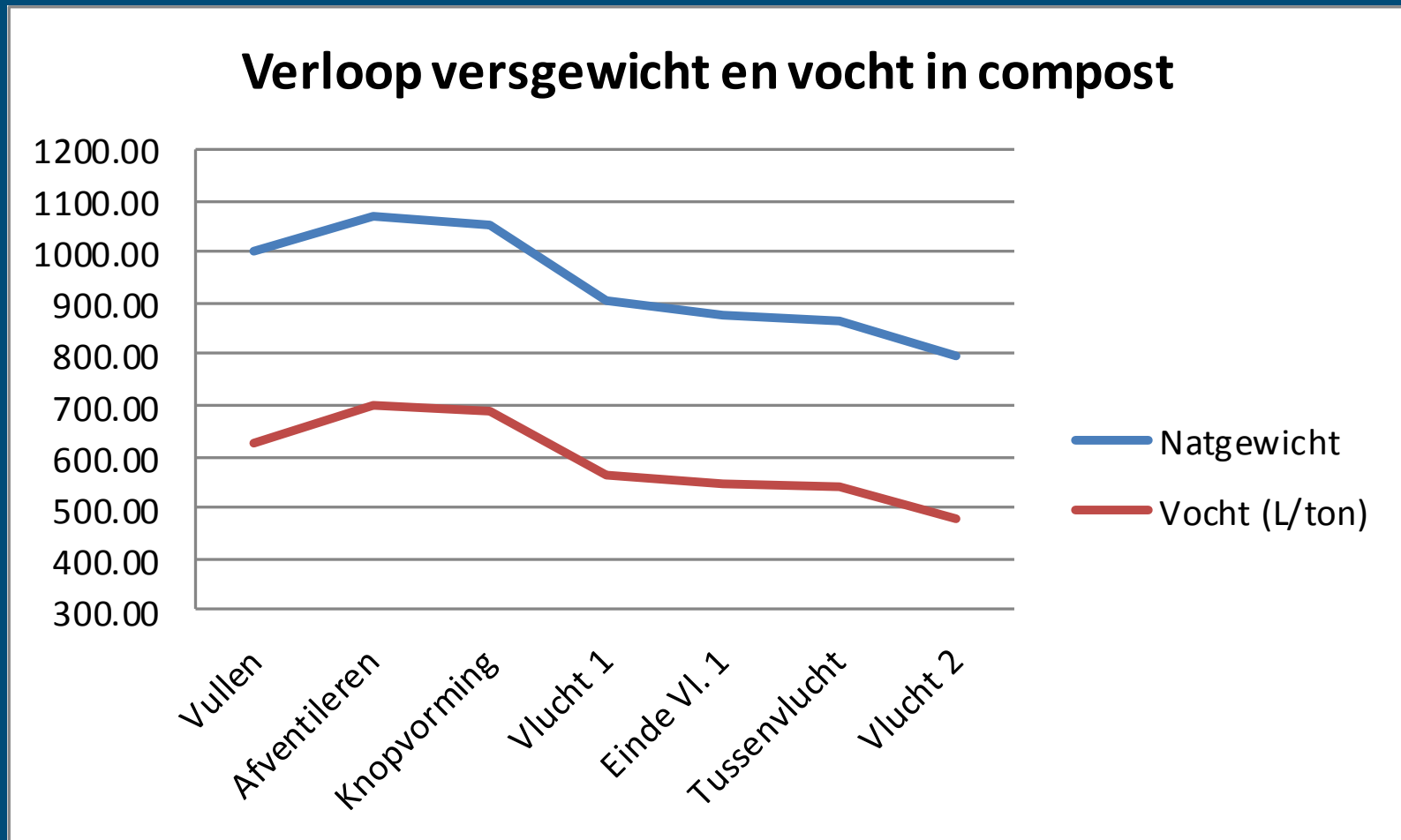


Weeggegevens en NIR analyse van 3 lagen

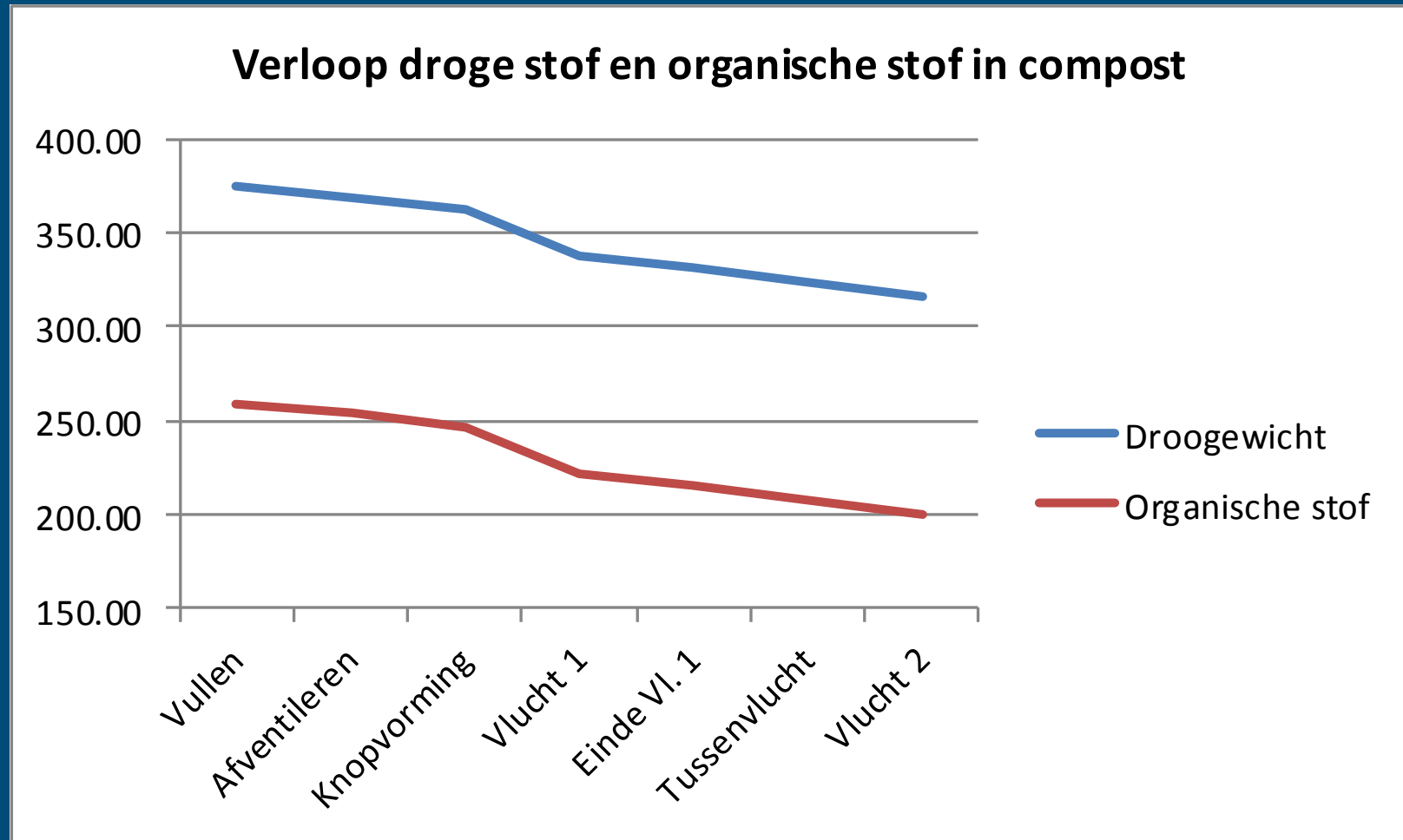
■ Analyses:

- Natgewicht
- Drooggewicht
- NIR
 - NDF
 - ADF
 - ADL
 - Hemicellulose
 - Cellulose
 - As
 - Vocht
 - pH

Verloop Vergewicht en Vocht in Compost (per ton)



Verloop Drooggewicht en Organische Stof (per ton)

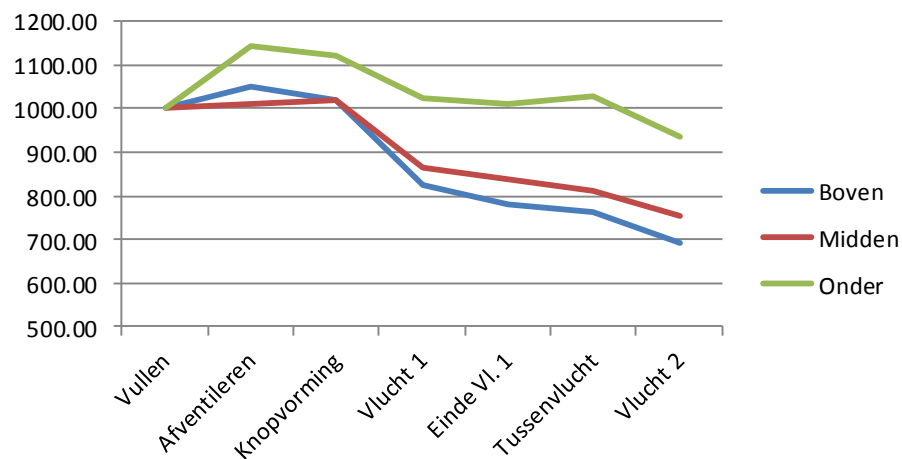


Verschillen begin-einde teelt

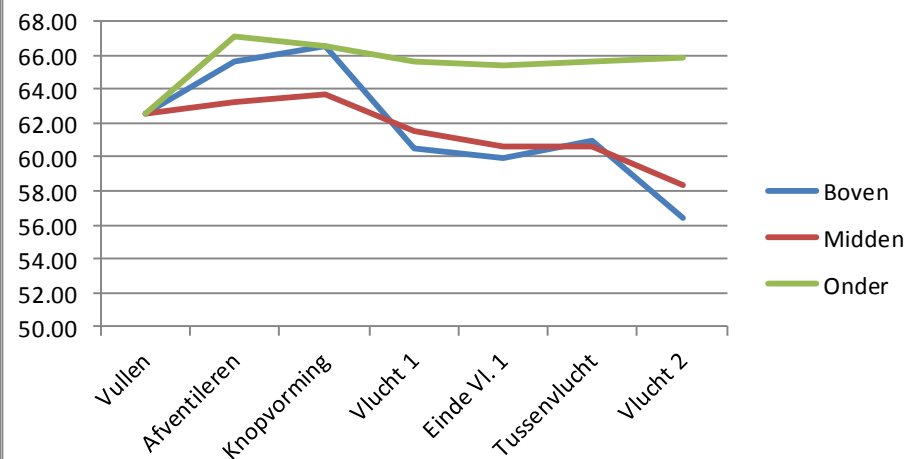
	Versgewicht	Vocht	Droge Stof
Vullen	1000.00	625.30	374.70
Vlucht 2	795.15	479.65	315.50
Afname	204.85	145.65	59.20

Verloop per laag

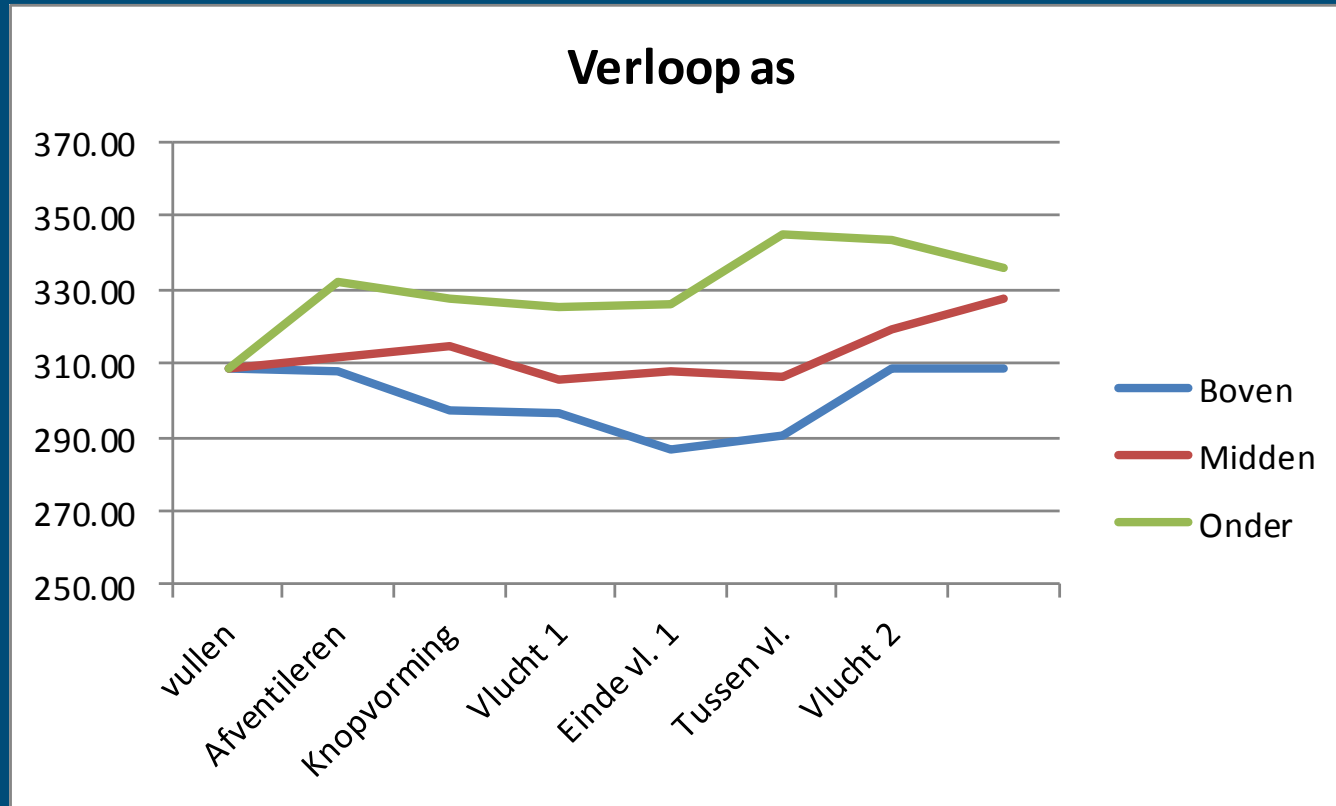
Verloop natgewicht per laag



Verloop vochtgehalte per laag

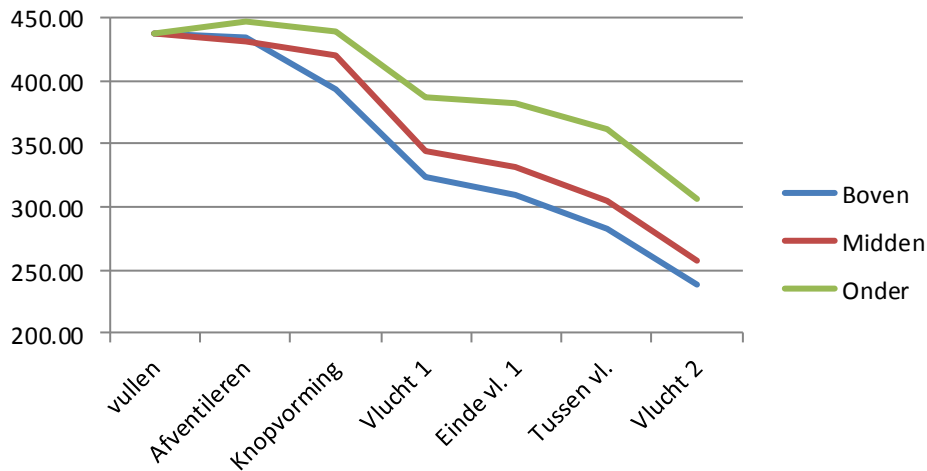


Verloop As (absoluut) in drie lagen (per ton droge stof)

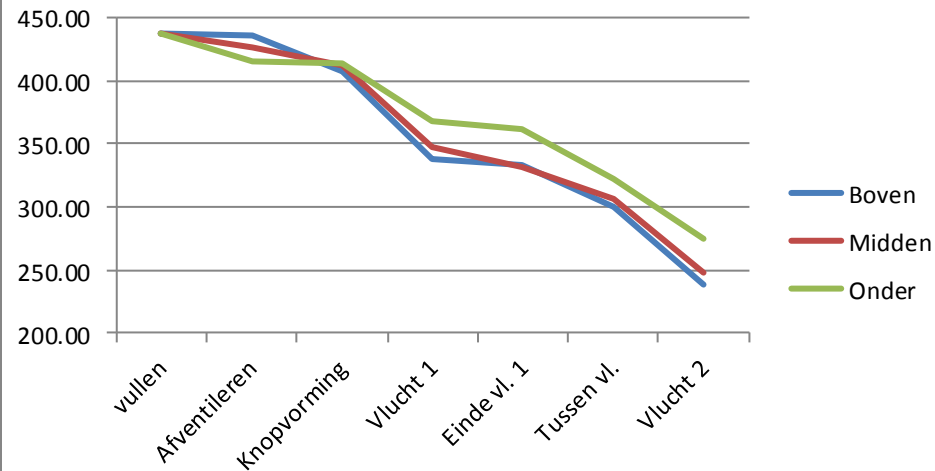


Verloop NDF in drie lagen (per ton droge stof)

Verloop NDF

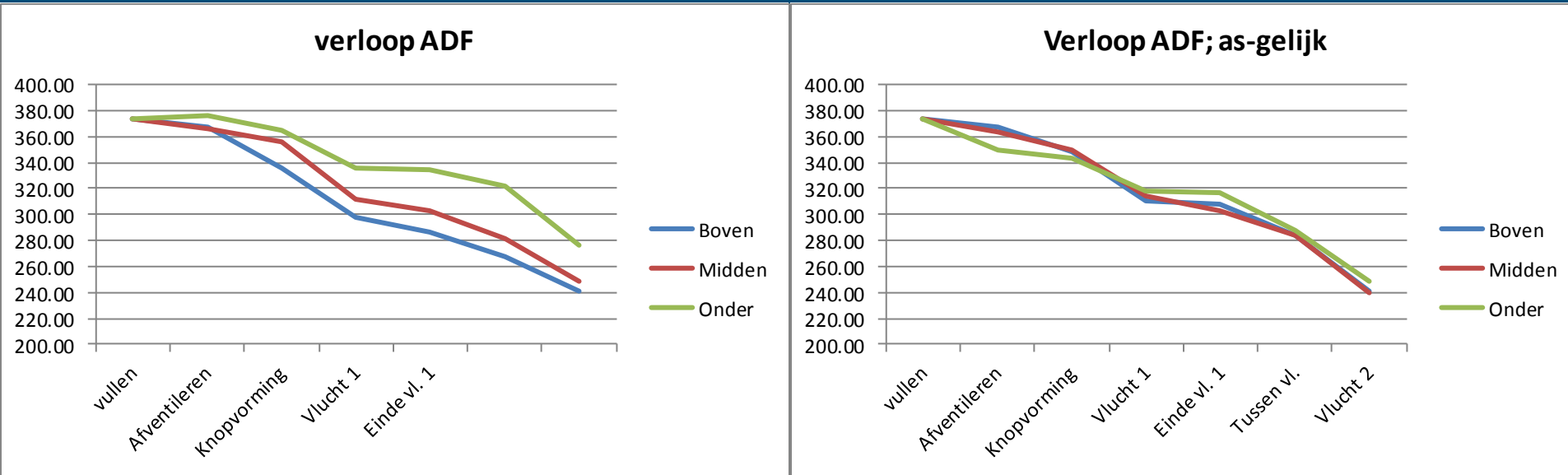


Verloop NDF; as-gelijk



- NFD: Cellulose, hemicellulose, lignine, onoplosbare eiwitten

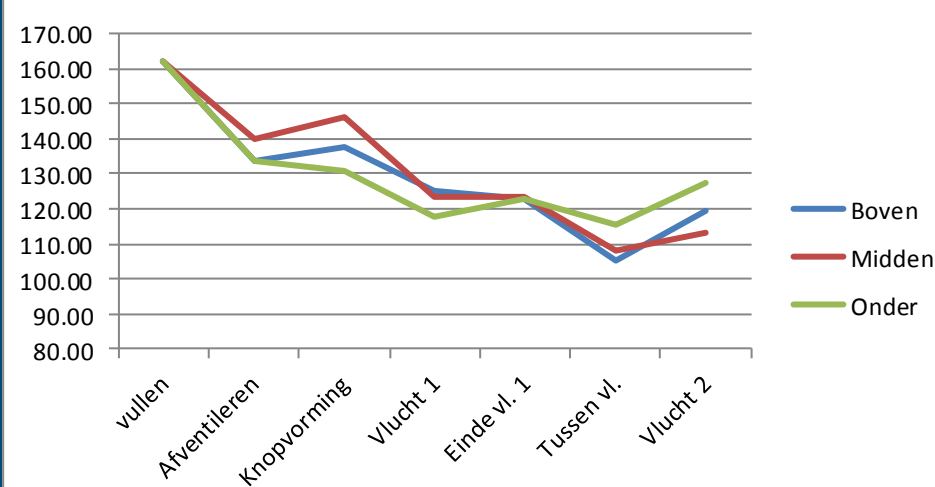
Verloop ADF in 3 lagen (per ton droge stof)



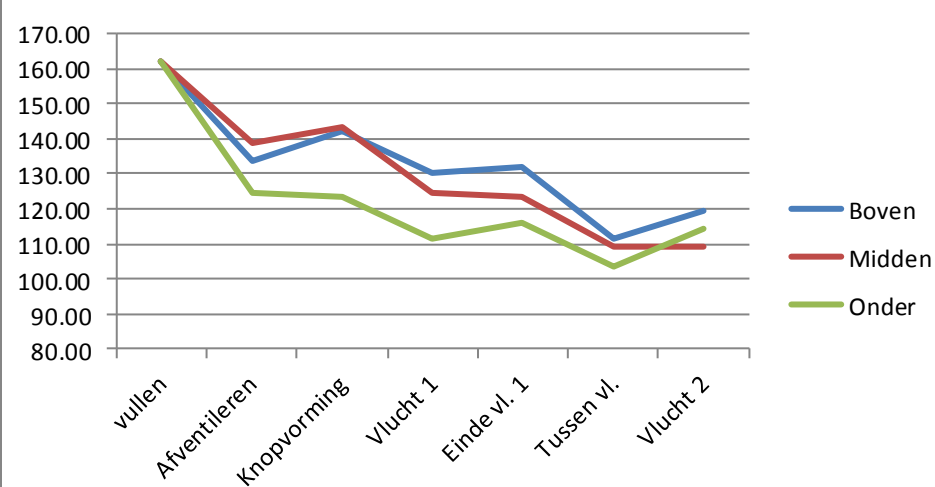
- ADF: Cellulose. lignine., onoplosbare eiwitten

Verloop ADL in drie lagen (per ton droge stof)

Verloop ADL



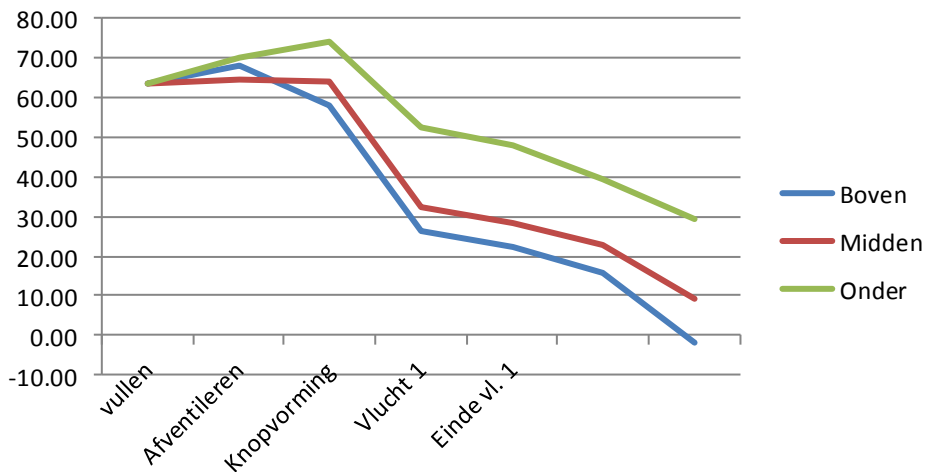
Verloop ADL; as-gelijk



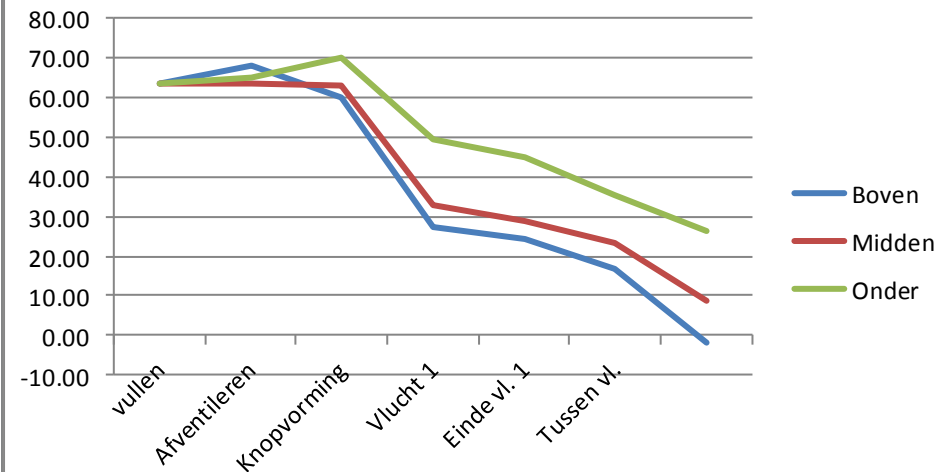
■ ADL: Lignine

Verloop NDF-ADF in drie lagen (per ton droge stof)

Verloop hemicellulose



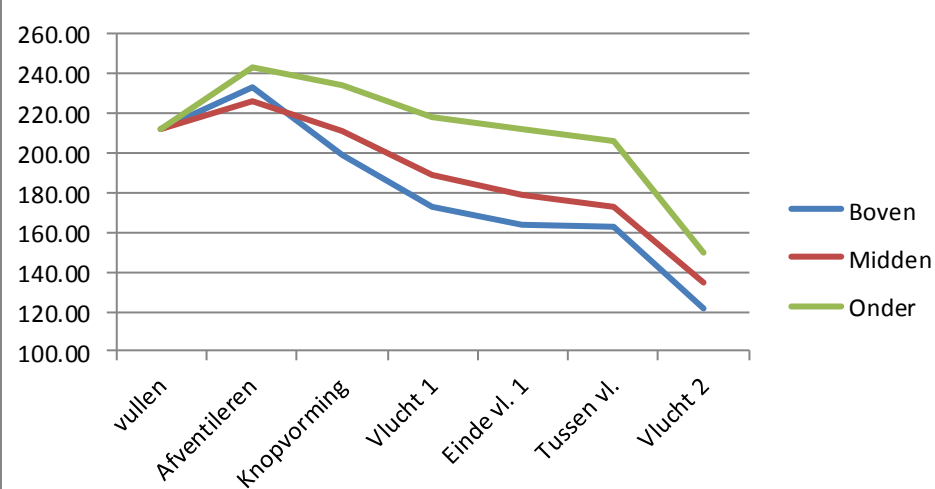
Verloop hemicellulose; as-gelijk



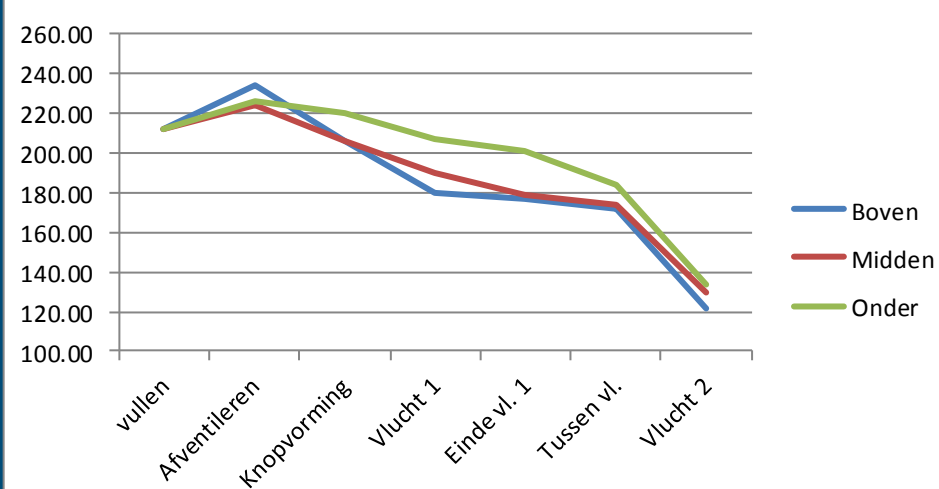
■ NDF-ADF= Hemicellulose

Verloop Cellulose (per ton droge stof)

Verloop Cellulose



Verloop Cellulose; as-gelijk



■ Verloop NDF-ADL-hemicellulose

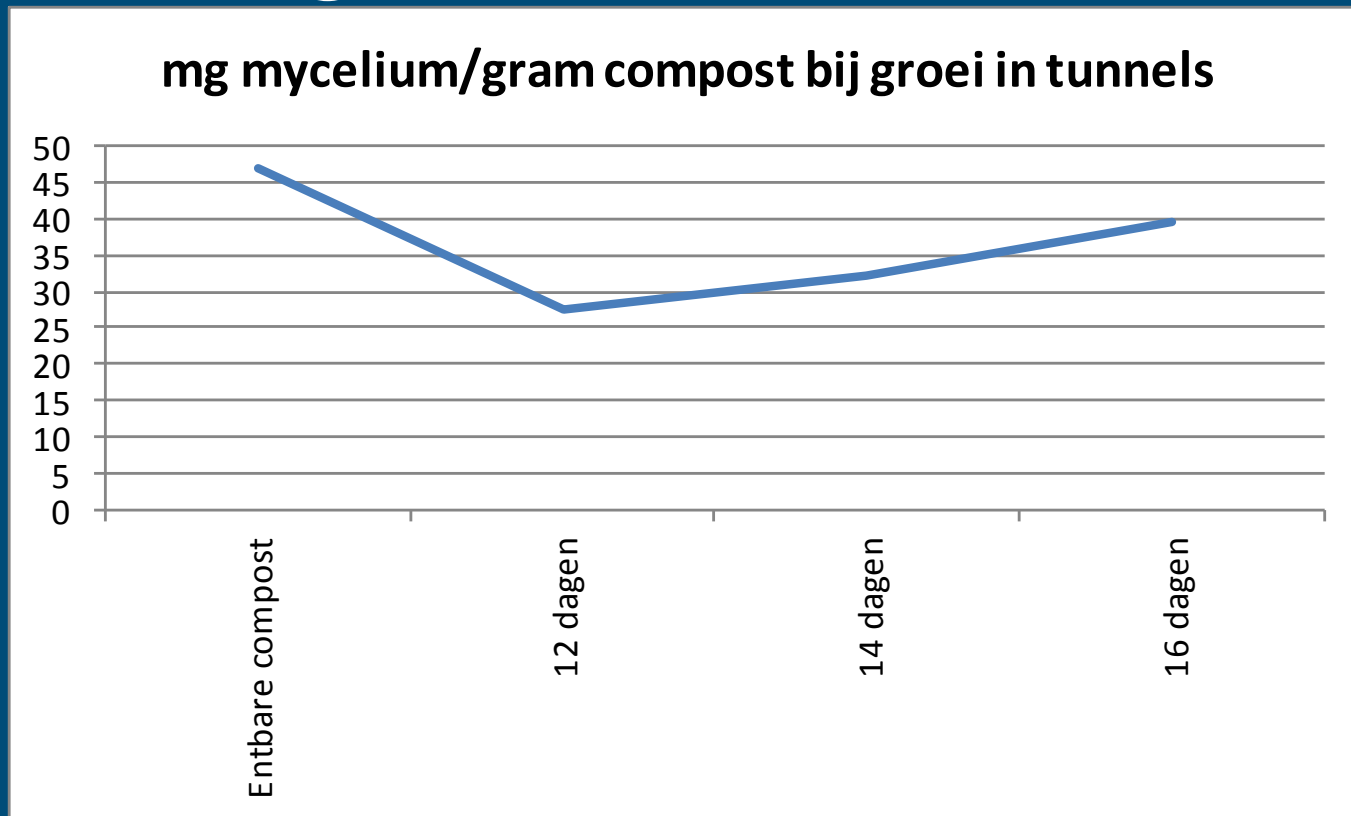
Afbraak in teelt per fractie

Teeltfase	NDF	ADF	hemicellulose	Lignine	Cellulose	Organische stof
vullen	425.81	360.33	65.48	132.32	228.01	651.92
Afventileren	411.30	347.11	64.19	136.31	210.80	644.52
Knopvorming	351.00	314.41	36.59	122.27	192.14	590.82
Vlucht 1	341.97	309.35	32.62	123.95	185.40	579.88
Einde vl. 1	309.98	284.82	25.16	108.08	176.74	539.40
Tussen vl.	254.06	242.84	11.23	114.41	128.43	493.53
Vlucht 2	247.17	237.19	9.99	112.66	124.53	484.86
	% afbraak van fractie					
	40.3%	32.6%	82.9%	13.5%	43.7%	24.3%

Mycelium in Compost

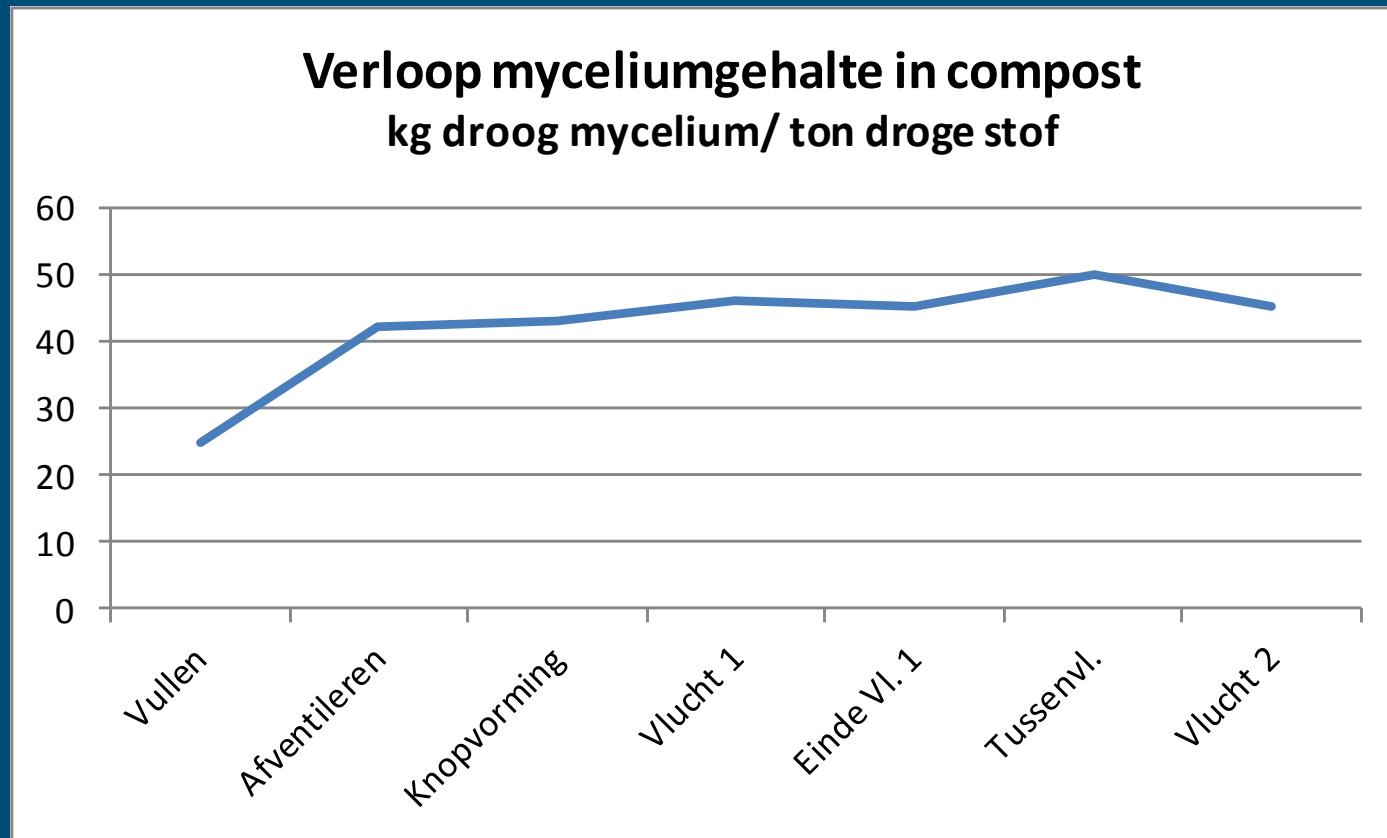
- Laccase
- Ergosterol
- Chitine
- (Eiwit)

Verloop Ergosterol in Compost

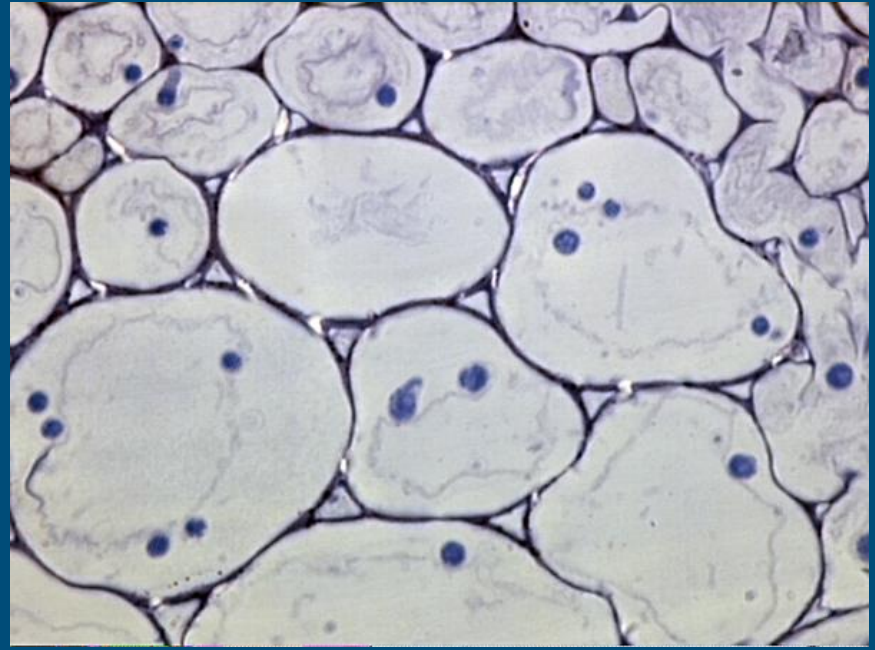
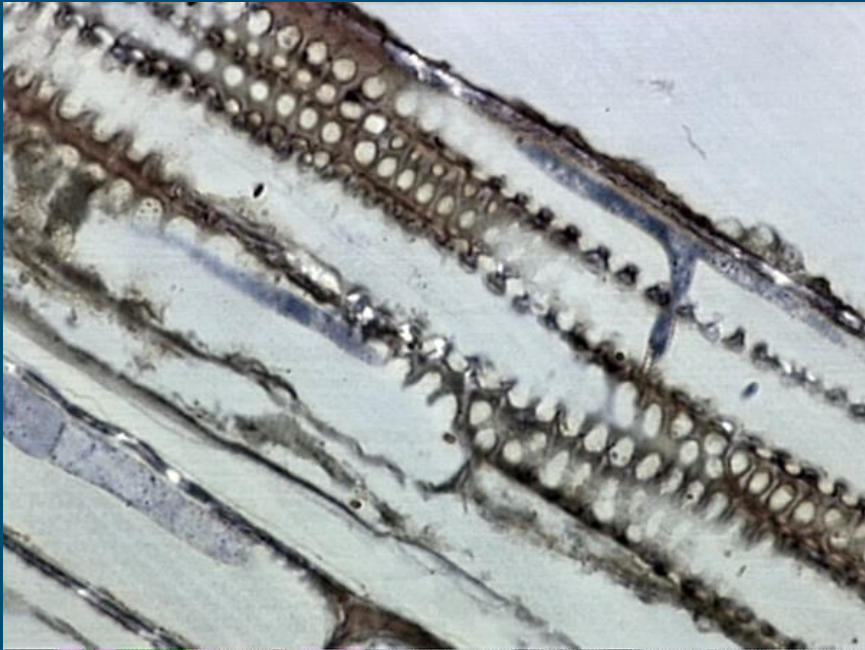


- Ergosterol-meting tijdens doorgroeiing in tunnels
 - NIOO

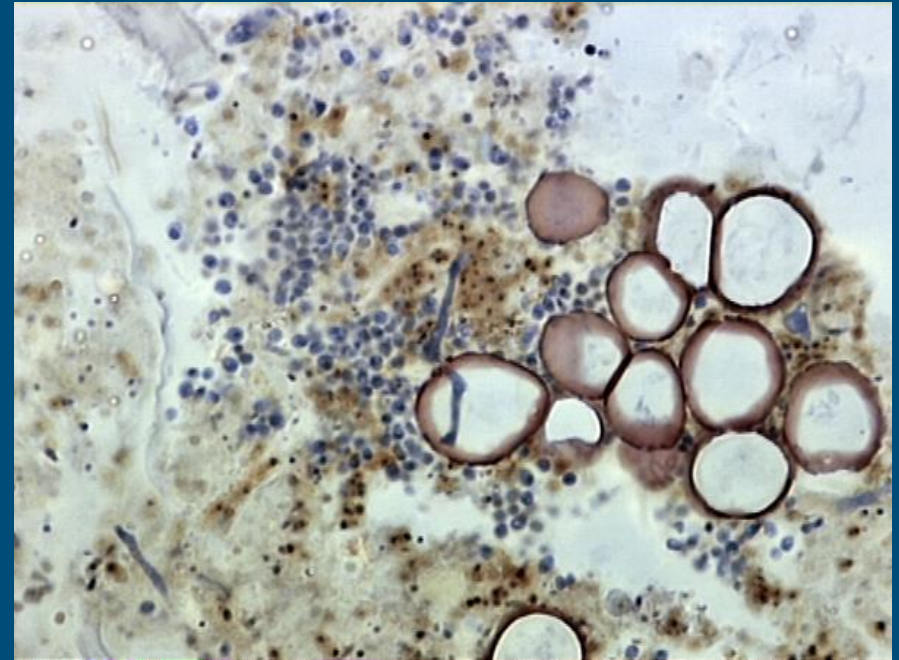
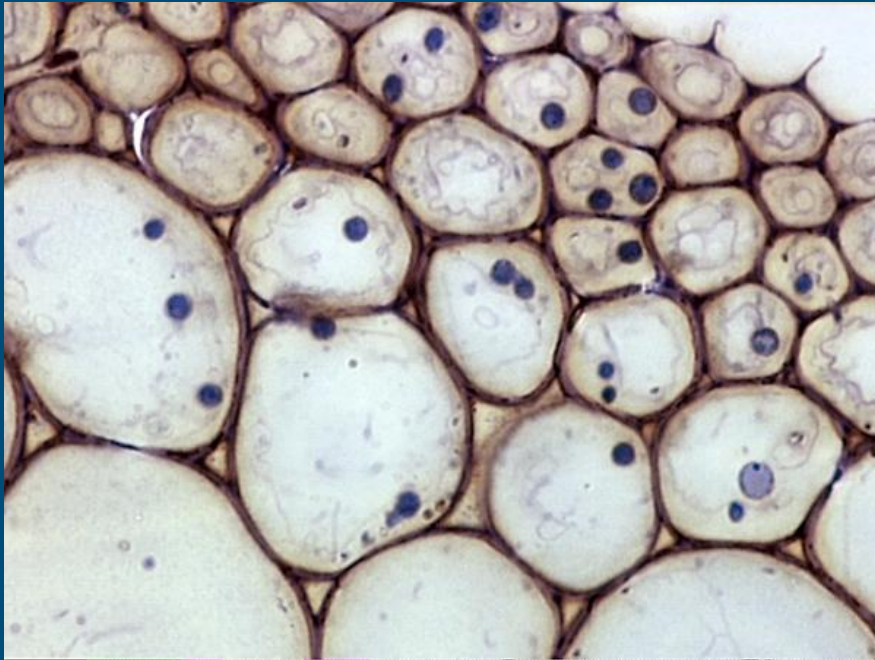
Verloop ergosterol in compost in de teelt



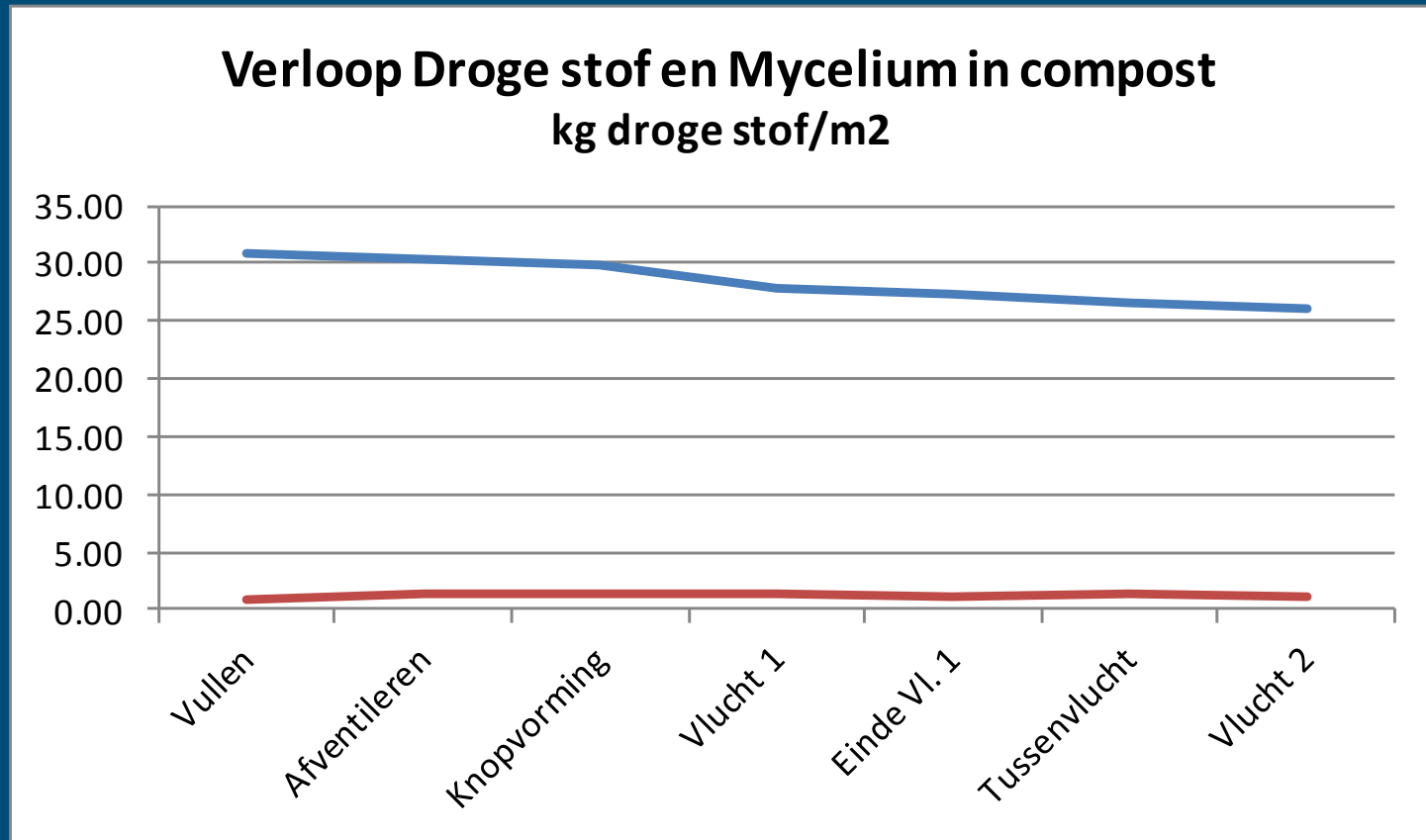
Derde vlucht (1000 x vergroting)



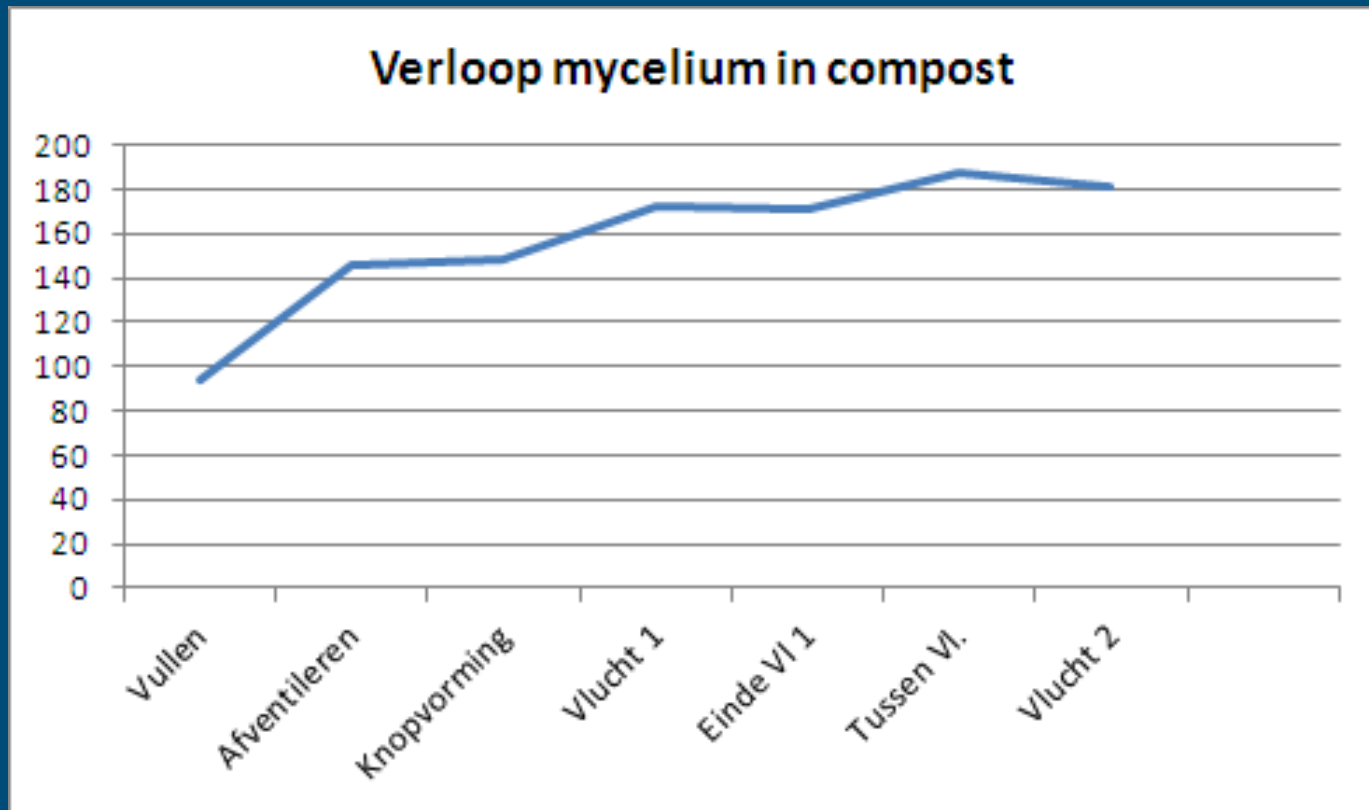
Derde Vlucht (1000 x vergroting)



Verloop Mycelium t.o.v. totale droge stof/m²



Verloop mycelium in compost (kg vers/ton vers)



- Champignons: 360 kg/Ton compost

Afsluiting

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