



SWEDE

TECHNICAL AID

TRIALS DATA

Variety	Relative DM Yield %	Relative Fresh Yield %	Dry Matter Content %	Mildew Resistance 9 = Best	Root Shape 9 = Best	Neck length High score = longer neck
100%=Tonnes/Ha	9.78	89.6				
Gowrie	118	119	11.0	9	7	1.4
Lomond	111	109	11.3	9	7	1.4
Ruby	107	102	11.7	7	5	2.0
Invitation	106	94	12.6	8	6	3.5
Brora	100	106	10.4	3	7	1.6
Ruta Otofte (c)	100	100	11.0	4	5	2.4
Magres	100	93	12.2	7	6	1.7
Helenor	96	99	11.0	3	7	4.0
Marian	96	97	11.0	5	5	1.5

Data source: Limagrains & James Hutton Institute Trials 1990-2010

(c) Control

Note: Not all varieties trialled every year, not all scores taken every year

TYPICAL YIELDS AND FEED QUALITY

Average dry matter yield	=	7 - 10 tonnes/ha
Average fresh yields	=	70 - 90 tonnes/ha
Dry matter	=	10 - 13%
Crude protein	=	10 - 11%
Digestibility value	=	82%
Metabolisable energy	=	12.8 - 13.1 MJ/kg DM

Data Source: Kingshay Forage Costings Report 2010

TYPICAL COSTS AND VALUE

Cost per hectare	Total Cost
Cost per tonne fresh weight	£403/ha
Cost per tonne utilised dry matter	£5
Relative value £/tonne DM	£62
Cost per litre of milk	£109
Cost per kilo of live weight gain	3.6p
	23.5p

SOWING RATES PER HECTARE

Precision Drilled (Grade H)	Direct Drilled (Natural)	Broadcast
350 - 850g	3kg	5kg

FERTILISER GUIDELINES

SNS Index	0	1	2	3	4	5	6
Nitrogen (N)	100	80	60	40	0 - 40	0	0
Phosphate (P ₂ O ₅)	105	75	45	0	0	0	0
Potash (K ₂ O)	215	185	155 (-2) 125 (+2)	80	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)



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