



# SWEDE

## UK TRIALS DATA



### TRIALS DATA

Variety	Relative Dry Matter Yield %	Relative Fresh Yield %	Dry Matter Content %	Mildew Resistance 9 = best	Root Shape 9 = best	Neck Length High = Long
100%=Tonnes/Ha	9.78	89.6				
<b>Gowrie</b>	<b>118</b>	<b>119</b>	<b>11.0</b>	<b>9</b>	<b>7</b>	<b>1.4</b>
<b>Lomond</b>	<b>111</b>	<b>109</b>	<b>11.3</b>	<b>9</b>	<b>7</b>	<b>1.4</b>
Ruby	107	102	11.7	7	5	2.0
<b>Invitation</b>	<b>106</b>	<b>94</b>	<b>12.6</b>	<b>8</b>	<b>6</b>	<b>3.5</b>
<b>Brora</b>	<b>100</b>	<b>106</b>	<b>10.4</b>	<b>3</b>	<b>7</b>	<b>1.6</b>
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

Source: Limagrain & James Hutton Institute Trials 1990-2010, (c) Control, Not all varieties trialled every year, not all scores taken every year

### TYPICAL YIELDS & 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 & VALUES

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

### SOWING RATES / HA

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 <sub>2</sub> O <sub>5</sub> )	105	75	45	0	0	0	0
Potash (K <sub>2</sub> O)	215	185	155(-)125(+)	80	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)