



# FORAGE RAPE & HYBRIDS

## UK TRIALS DATA



### TRIALS DATA

Variety	Relative Dry Matter Yield %	Relative Fresh Yield %	Dry Matter Content %	Disease resistance 9 = best		Winter Hardiness 9=best
				Mildew	Alternaria	
100%=Tonnes/Ha						
<b>Interval (Hybrid)</b>	<b>117</b>	<b>125</b>	<b>12.3</b>	<b>9</b>	<b>8</b>	<b>2</b>
<b>Unicorn (Hybrid)</b>	<b>111</b>	<b>114</b>	<b>12.8</b>	<b>8</b>	<b>8</b>	<b>2</b>
Swift (Hybrid)	108	113	12.6	8	8	2
<b>Hobson</b>	<b>107</b>	<b>102</b>	<b>13.9</b>	<b>8</b>	<b>8</b>	<b>5</b>
Gorilla	103	97	14.1	6	7	*
<b>Rampart</b>	<b>102</b>	<b>105</b>	<b>12.7</b>	<b>8</b>	<b>8</b>	<b>*</b>
Stego	102	99	13.6	*	*	4
Emerald (c)	100	100	13.2	6	8	4
Redstart (Hybrid)	93	94	13.1	7	7	4
Winfred	93	91	13.5	*	*	5
Avon	92	97	12.5	7	8	*
<b>Hungry Gap</b>	<b>92</b>	<b>96</b>	<b>19.7</b>	<b>Yellow</b>	<b>56.7</b>	<b>0.9</b>

Source: Limagrain UK trials 1998-2019, (c) = Control, \* No data available. Winter hardiness scored Jan 2011 only. Not all varieties trialled every year, not all scores taken every year

### TYPICAL YIELDS & FEED QUALITY

Average dry matter yield	=	3.5 - 4.0 tonnes/ha
Average fresh yields	=	24 - 35 tonnes/ha
Dry matter	=	12 - 13%
Crude protein	=	19 - 20%
Digestibility value	=	65%
Metabolisable energy	=	10 - 11 MJ/kg DM

Data Source: Kingshay Forage Costings Report 2010

### TYPICAL COSTS & VALUES

Cost per hectare	Total Cost
Cost per tonne fresh weight	£408/ha
Cost per tonne utilised dry matter	£12
Relative value £/tonne DM	£107
Cost per litre of milk	£141
Cost per kilo of live weight gain	4.5p
	29.7p

### SOWING RATES PER HA

Drilled into stubble	Drilled after grass	Broadcast
6kg	7kg	8kg

### FERTILISER GUIDELINES

SNS Index	0	1	2	3	4	5	6
Nitrogen (N)	100	90	80	60	40	0-40	0
Phosphate (P <sub>2</sub> O <sub>5</sub> )	85	55	25	0	0	0	0
Potash (K <sub>2</sub> O)	110	80	50(-)20(+)	0	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)

When grown as a catch crop after cereals, apply no more than 75kg N/ha at index 0 or 1. Further reductions may be made if the soil is moist and has been cultivated.