FORAGE RAPE & HYBRIDS

TECHINCAL AID

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						
Interval (Hybrid)	117	125	12.3	9	8	2
Unicorn (Hybrid)	111	114	12.8	8	8	2
Swift (Hybrid)	108	113	12.6	8	8	2
Hobson	107	102	13.9	8	8	5
Gorilla	103	97	14.1	6	7	*
Rampart	102	105	12.7	8	8	*
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	*
Hungry Gap	84	82	13.5	9	8	4

Data Source: Limagrain UK trials 1998-2019 © Control * No data available Winter Hardiness Scored January 2011 only Note: Not all varieties trialled every year, not all scores taken every year

TYPICAL YIELDS AND 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 AND VALUES

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

SOWING RATES PER HECTARE

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

FERTILISER GUIDELINES

SNS Index		0	1	2	3	4	5	6
Nitrogen (N)	kg/ha	100	90	80	60	40	0 - 40	0
Phosphate (P_2O_5)	kg/ha	85	55	25	0	0	0	0
Potash (K_2O)	kg/ha	110	80	50 (-2) 20 (+2)	0	0	0	0

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.

Data Source: DEFRA Fertiliser Manual (RB209)

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