



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	4.3	30.9	13.9			
Interval (Hybrid)	108	123	12.3	9	8	2
Unicorn (Hybrid)	104	112	13.0	8	8	2
Swift (Hybrid)	102	114	12.5	8	8	2
Hobson (C)	100	100	13.9	8	8	5
Emerald	95	100	13.2	6	8	4
Rampart	94	104	12.7	8	8	*
Gorilla	93	92	14.0	6	7	*
Stego	92	94	13.7	*	*	4
Winifred	90	90	13.9	*	*	5
Redstart (Hybrid)	88	95	12.9	7	7	4
Avon	87	96	12.6	7	8	*

Source: Limagrains UK trials 1993-2024, (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	=	4.0 - 5.0 tonnes/ha
Average fresh yields	=	30 - 35 tonnes/ha
Dry matter	=	12 - 13%
Crude protein	=	19 - 20%
Digestibility value	=	65%
Metabolisable energy	=	10 - 11 MJ/kg DM

TYPICAL COSTS & 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

Data Source: Kingshay Forage Costings Report 2010

SOWING RATES PER HA

Drilled into stubble

5-6kg

Drilled after grass

6kg

Broadcast

6-7kg

FERTILISER GUIDELINES

SNS Index	0	1	2	3	4	5	6
Nitrogen (N)	100	90	80	60	40	0-40	0
Phosphate (P ₂ O ₅)	85	55	25	0	0	0	0
Potash (K ₂ 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.