



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	4.04	30.98	13.2			
Interval (Hybrid)	116	125	12.3	9	8	2
Unicorn (Hybrid)	110	114	12.8	8	8	2
Swift (Hybrid)	108	113	12.6	8	8	2
Hobson	107	101	13.9	8	8	5
Gorilla	103	95	14.2	6	7	*
Rampart	100	104	12.7	8	8	*
Emerald (c)	100	100	13.2	6	8	4
Stego	99	96	13.6	*	*	4
Winfred	95	92	13.6	*	*	5
Redstart (Hybrid)	94	95	13.1	7	7	4
Avon	93	97	12.7	7	8	*
Hungry Gap	82	80	13.6	9	8	4

Source: Limagrains UK trials 1998-2021, (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

	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 HA

Drilled into stubble	Drilled after grass	Broadcast
5-6kg	6kg	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.