FODDER BEET
UK TRIALS DATA

TRIALS DATA

Variety	Relative Dry Matter Yield %	Relative Fresh Yield %	Dry Matter Content %	Skin Colour	% of Root in Ground	Mean Bolter Count
100%=Tonnes/Ha	18.5	90.7	20.4			
Fosyma RT	112	108	21.2	Red	65	0.0
Tadorne	109	98	22.7	White	75	0.0
Brick RT	109	98	22.6	White	75	0.0
Tarine RT	104	104	20.4	Pink	65	0.0
Enermax	103	100	20.9	White	70	0.2
Blizzard	102	94	22.0	White	70	0.8
Robbos	101	105	19.7	Yellow	60	0.8
Magnum (c)	100	100	20.4	White	70	0.2
Bangor	98	108	18.6	Yellow	60	*
Blaze	96	106	18.5	Red	60	0.5
Jamon	94	109	17.8	Orange	60	0.5
Geronimo	94	109	17.6	Yellow	60	0.9
Kyros	93	104	18.2	Orange	60	*
Lactimo	90	102	18.1	Orange	65	*
Feldherr	89	115	15.7	Orange	50	1.7
Brigadier	75	109	14.2	Orange	50	2.0

Data Source: Limagrain UK trials 1998-2023, (c) = Control. RT = Rhizomania tolerant. *No data available. Not all varieties tested every year. Not all scores taken every year

TYPICAL YIELDS & FEED QUALITY

Average dry matter yield	= 15 - 19 tonnes/ha
Average fresh yields	= 80 - 100 tonnes/ha
Dry matter	= 15 - 23%
Crude protein	= 12 - 13%
Digestibility value	= 78%
Metabolisable energy	= 12.5 - 13MJ/kg DM

TYPICAL COSTS & VALUES

	Total Cost
Cost per hectare	£1460/ha
Cost per tonne fresh weight	£16
Cost per tonne utilised dry matter	£115
Relative value £/tonne DM	£122
Cost per litre of milk	6.2p
Cost per kilo of live weight gain	34.3p

Figures above relate to roots only. Leaves may also be fed after wilting & will contribute a further 3-4t dry matter per ha. Source: Kingshay Forage Costings Report 2010

SOWING RATES PER HECTARE

Pelleted Seed	Precision Drilled
3.50 - 4.75mm	100,000 seeds

FERTILISER GUIDELINES

SNS Index		0	1	2	3	4	5	6
Nitrogen (N)	kg/ha	130	120	110	90	60	0-40	0
Phosphate (P_2O_5)	kg/ha	120	90	60	0	0	0	0
Potash (K_2O)	kg/ha	400	370	340(2-) 310 (2+)	190*	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)

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