



FODDER BEET

TECHINCAL AID

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	89.5				
Tadorne	113	103	22.7	White	74.0	0.0
Brick RT	112	96	24.1	White	76.3	0.0
Tarine RT	102	103	20.5	Pink	64.4	0.0
Enermax	101	99	21.1	White	67.3	0.2
Blizzard	100	93	22.2	White	72.3	0.8
Magnum (c)	100	100	20.6	White	65.1	0.2
Robbos	99	103	19.8	Yellow	60.0	0.8
Blaze	95	105	18.7	Red	57.1	0.5
Jamon	94	108	17.9	Orange	57.0	0.5
Geronimo	93	110	17.6	Orange	*	*
Kyros	92	104	18.4	Orange	58.0	0.9
Starmon	92	96	19.7	Yellow	56.7	0.9
Jauna	90	94	19.9	Orange	62.1	*
Lactimo	89	101	18.2	Orange	*	*
Feldherr	88	115	15.8	Orange	49.6	1.7
Brigadier	75	108	13.8	Orange	47.9	2.0

Data Source: Limagrains UK trials 1998-2019 (c) Control RT = Rhizomania tolerant *No data available Not all varieties tested every year Not all scores taken every year

TYPICAL YIELDS AND FEED QUALITY

Average dry matter yield	=	15 - 18 tonnes/ha
Average fresh yields	=	80 - 100 tonnes/ha
Dry matter	=	15 - 24%
Crude protein	=	12 - 13%
Digestibility value	=	78%
Metabolisable energy	=	12.5 - 13MJ/kg DM

The figures above relate to roots only. Leaves may also be fed after wilting and will contribute a further 3-4 tonnes of dry matter per hectare.
Data Source: Kingshay Forage Costings Report 2010

TYPICAL COSTS AND VALUES

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

SOWING RATES PER HECTARE

Pelleted Seed
3.50 - 4.75mm

Precision Drilled
100,000 seeds

FERTILISER GUIDELINES

SNS Index	0	1	2	3	4	5	6
Nitrogen (N)	130	120	110	90	60	0-40	0
Phosphate (P ₂ O ₅)	110	80	50	0	0	0	0
Potash (K ₂ O)	170	40	110 (-2) 80 (+2)	40	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)



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