



FODDER BEET

TECHNICAL AID



TRIALS DATA

VARIETY	REL DM YIELD %	REL FRESH YIELD %	DM CONTENT %	SKIN COLOUR	% OF ROOT IN GROUND	MEAN BOLTER COUNT
100%=Tonnes/Ha	18.4	85.9				
Brick RT	118	102	23.9	White	75.0	0.5
Tarine RT	105	105	20.8	Pink	64.4	0.8
Ennermax	103	99	19.0	White	67.3	0.2
Blizzard	101	93	22.4	White	72.3	0.8
Robbos	100	104	19.9	Yellow	60.0	0.8
Magnum (c)	100	100	20.7	White	65.1	0.2
Blaze	96	106	18.8	Red	57.1	0.5
Geronimo †	95	104	17.5	Orange	*	*
Lactimo †	95	105	17.4	Orange	*	*
Kyros	93	104	18.5	Yellow	58.0	0.9
Jamon	93	108	18.0	Orange	57.0	0.5
Starmon	93	97	19.8	Yellow	56.7	0.9
Feldherr	89	116	15.9	Orange	49.6	1.7
Brigadier	76	109	14.5	Orange	47.9	2.0

Data Source: Limagrain UK trials 1998-2017 (c) Control RT = Rhizomania tolerant *No data available Not all varieties tested every year Not all scores taken every year † One year trial data only

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

TYPICAL COSTS AND VALUES

Cost per acre	Total Cost
Cost per tonne fresh weight	£591 (£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

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

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 (-) 80 (+2)	40	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)



www.lgseeds.co.uk/fodderbeet

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