



# FODDER BEET

## TECHNICAL AID



### TRIALS DATA

Variety	Relative DM Yield %	Relative Fresh Yield %	DM Content %	Skin Colour	% of Root in Ground	Mean Bolter Count
100%=Tonnes/Ha	18.3	88.2				
<b>Brick</b> RT	117	103	23.6	White	75.0	0.5
<b>Tarine</b> RT	104	104	20.8	Pink	64.4	0.8
Enermax	101	99	21.3	White	67.3	0.2
<b>Blizzard</b>	101	93	22.4	White	72.3	0.8
Magnum (c)	100	100	20.8	White	65.1	0.2
<b>Robbos</b>	99	103	19.9	Yellow	60.0	0.8
<b>Blaze</b>	95	105	18.8	Red	57.1	0.5
Jamon	93	108	18.0	Orange	57.0	0.5
Kyros	93	104	18.5	Orange	58.0	0.9
Starmon	92	97	19.8	Yellow	56.7	0.9
Jauna	90	94	20.0	Orange	*	*
<b>Feldherr</b>	89	116	15.9	Orange	49.6	1.7
Brigadier	76	109	14.5	Orange	47.9	2.0

Data Source: Limagrains UK trials 1998-2018 (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

### 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

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 <sub>2</sub> O <sub>5</sub> )	110	80	50	0	0	0	0
Potash (K <sub>2</sub> O)	170	40	110 (-2) 80 (+2)	40	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)

