



# 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	89.5				
<b>Tadorne</b>	113	103	22.7	White	74.0	0.0
<b>Brick</b> RT	112	96	24.1	White	76.3	0.0
<b>Tarine</b> RT	102	103	20.5	Pink	64.4	0.0
Enermax	101	99	21.1	White	67.3	0.2
<b>Blizzard</b>	100	93	22.2	White	72.3	0.8
Magnum (c)	100	100	20.6	White	65.1	0.2
<b>Robbos</b>	99	103	19.8	Yellow	60.0	0.8
<b>Blaze</b>	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	*	*
<b>Feldherr</b>	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 & 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 & 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

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**  
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)