



# 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	18.38	90.2	20.4			
<b>Fosyma</b> RT	111	107	21.0	Red	65	0.0
<b>Brick</b> RT	109	98	22.6	White	75	0.0
<b>Tadorne</b>	108	97	22.7	White	75	0.0
<b>Tarine</b> RT	104	104	20.4	Pink	65	0.0
<b>Blizzard</b>	102	94	21.9	White	70	0.2
<b>Enermax</b>	102	100	20.9	White	70	0.8
<b>Robbos</b>	101	105	19.6	Yellow	60	0.8
<b>Magnum (c)</b>	100	100	20.4	White	70	0.2
<b>Bangor</b>	98	108	18.5	Yellow	60	*
<b>Blaze</b>	95	105	18.4	Red	60	0.5
<b>Jamon</b>	94	108	17.7	Orange	60	0.5
<b>Geronimo</b>	93	108	17.5	Yellow	60	0.9
<b>Kyros</b>	93	104	18.1	Orange	60	*
<b>Lactimo</b>	90	101	18.1	Orange	65	*
<b>Feldherr</b>	88	115	15.7	Orange	50	1.7
<b>Brigadier</b>	75	108	14.1	Orange	50	2.0

Data Source: Limagrains UK trials 1998-2024, (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

Cost per hectare	Total Cost £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

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> )	120	90	60	0	0	0	0
Potash (K <sub>2</sub> O)	400	370	340(2-) 310 (2+)	190*	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)