



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 | 18.55 | 89.98 | | | | |
| Fosyma RT | 116 | 108 | 22.1 | Red | 65.0 | 0.0 |
| Brick RT | 110 | 99 | 22.9 | White | 76.3 | 0.0 |
| Tadorne | 109 | 100 | 22.4 | White | 74.0 | 0.0 |
| Tarine RT | 103 | 103 | 20.6 | Pink | 64.4 | 0.0 |
| Enermax | 102 | 100 | 21.1 | White | 67.3 | 0.2 |
| Blizzard | 101 | 94 | 22.2 | White | 72.3 | 0.8 |
| Robbos | 100 | 104 | 19.9 | Yellow | 60.0 | 0.8 |
| Magnum (c) | 100 | 100 | 20.6 | White | 65.1 | 0.2 |
| Blaze | 96 | 105 | 18.7 | Red | 57.1 | 0.5 |
| Jamon | 94 | 108 | 17.9 | Orange | 57.0 | 0.5 |
| Kyros | 93 | 104 | 18.4 | Yellow | 58.0 | 0.9 |
| Starmon | 93 | 97 | 19.7 | Yellow | 56.7 | 0.9 |
| Jauna | 91 | 94 | 19.9 | Orange | 62.1 | * |
| Lactimo | 91 | 102 | 18.3 | Orange | * | * |
| Geronimo | 89 | 106 | 17.4 | Orange | * | * |
| Feldherr | 89 | 116 | 15.8 | Orange | 49.6 | 1.7 |
| Brigadier | 76 | 108 | 14.4 | Orange | 47.9 | 2.0 |

Data Source: Limagrain UK trials 1998-2021, (c) = Control. RT = Rhizomania tolerant. *No data available. Not all varieties tested every year. Not all scores taken every

TYPICAL YIELDS & FEED QUALITY

| | |
|--------------------------|----------------------|
| Average dry matter yield | = 15 - 18 tonnes/ha |
| Average fresh yields | = 80 - 100 tonnes/ha |
| Dry matter | = 15 - 22% |
| 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 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)