

Fodder Beet



"Our Enermax Crop this year won first prize in the Cruckton Ploughing Society Cup for the best fodder beet roots. Enermax produces white roots of a good uniform size. It is smooth skinned and lifts clean which is a massive benefit to us. Enermax is also good for us here in Shropshire as it serves two markets; digesters and stock. This gives me two market opportunities during the winter."

Mr John and Steve Edwards, Cardeston Park Farm, Shropshire, October 2016



"We planted the fodder beet on the 4th May. We put 20 tonnes per acre of FYM and two applications of nitrogen. I've never had such a good germination percentage before in a crop of fodder beet. The crop yielded about 39 tonnes per acre. I like growing fodder beet because I can feed my flock of 1000 commercial ewes & store cattle throughout the winter on it. You get such a large amount of high energy feed off such a small acreage. It reduces my winter concentrate bill by up to 50% and lifting the crop gives me more flexibility throughout the winter. I can also feed it to my ewes after lambing when the ewe's energy requirements increase to support their lambs."

Stuart Davies, Jay Barns Farm, Shropshire, November 2016

Fodder Beet is grown as a main root crop, which requires similar husbandry to sugar beet. It can produce substantial yields of high quality fodder and is an excellent supplement to grass silage. The roots are very palatable to stock and have superb feed quality. Specialist harvesting equipment is required to lift the roots and storage is required unless they are strip grazed in situ.

Medium dry matter varieties tend to have a higher percentage of root above ground and can be lifted with a top lifter and therefore have a relatively low dirt tare. These highly palatable roots can be fed whole to stock. High dry matter varieties tend to sit further in the ground and require a sugar beet harvester to lift them. Due to the higher dirt tare and hardness of the root, these varieties may need to be chopped and washed before feeding. After wilting, the tops may be fed to stock and can contribute a further yield of 3-4 tonnes of protein-rich dry matter per hectare.

Pack size - 50,000 seeds per acre

Seed Treatment - Force Magna, Cruiser Force and limited untreated seed

MAGNUM



Magnum has a consistent root size and reliable high dry matter yields. It is a very palatable variety therefore increasing appetite and dry matter intake in all stock. Higher dry matter fodder beet has been shown to increase milk yield and daily live weight gain. Due to its high dry matter content it is more frost resistant than other varieties with a high proportion of clean, white root in the ground.

ALPES



The ultimate fodder beet variety from the world leading DLF plant breeding programme. It has exceptional all round characteristics, thus ensuring less waste and more profit. Alpes benefits from large top size and has 33% of its yellow root above ground which allows for easy lifting. Good resistance to bolting.

JAMON



A very consistent variety producing a clean highly palatable orange root with average dry matter yields. It has good resistance to leaf disease and bolting. Jamon benefits from large top size and has 33% of its root above the ground which allows for easy lifting.

TROYA



High yields of medium dry matter content. Very good establishment and bolting resistance with 62% of its yellow root in the ground, ensuring clean, easy lifting.

KYROS



A very consistent, high yielding variety producing a clean, highly palatable and easily digestible yellow root at harvest. Kyros will provide a high energy feed whole or chopped.

BANGOR



Bangor is an improvement on the illustrious/long-time-acknowledged varieties Kyros and Troya – resulting in 10% yield increase and uniform roots. Bangor is easily lifted on all soil types, due to the regular shape of the root and its high position above the ground. With a 17.7% DM in the root it results in a very high yield of 105%.

NESTOR



Nestor is a variety with high dry matter yields capable of producing a very high energy, palatable feed for beef or dairy cattle, which stores well through winter when kept in the right conditions. Ideal for harvesting with beet machinery, Nestor establishes well and has very good resistance to Rust, Ramularia and Mildew.

Economy Variety

Fodder Beet Yield and Feed Quality

Average dry matter yield	13 - 15 tonnes/ha
Average fresh yields	80 - 90 tonnes/ha
Crude protein	12 - 13%
Digestibility value	78D
Dry matter	12 - 19%
Metabolisable energy	12.5 - 13.5MJ/kg DM
Sugars in DM	65%



ENERMAX



An exciting new variety for both fodder and bio-energy production. High yielding with a low dirt tare. Enermax has a clean, white, smooth-skinned root and is shallow rooting, resulting in a cleaner end product particularly important for the bio-fuel market.

It has a 9% higher root yield when compared with the well-known and popular variety Magnum. Official variety testing (Denmark 2010 - 2011), has shown that Enermax can produce 21 tonnes/DM/ha from the root only, with the beet tops adding approximately 5 tonnes DM/ha.

Enermax has the additional benefit of being Rhizomania tolerant and so is suitable for growing in the east of the country where sugarbeet is a widely grown crop, as well as in the west and other areas.



OUTSTANDING VARIETY OF THE YEAR

Everyone's talking about it!