

MAMMOTH MILLET FOR SPRING 2021

A FANTASTIC, Highly Profitable, Low Input Break Crop

Following the remarkable success of Mammoth millet over the last 15 years, Soya UK will be operating their full buy-back contract for Mammoth millet again in 2021.

- High value niche markets.
- Cheap and easy to grow.
- Simple agronomy.
- Very good break crop.
- Markets prefer UK-grown crop.
- 130 - 135 day crop.

“**MAMMOTH**” is the only proven, high-yielding White Millet developed specifically for UK conditions. This flexible crop is easy to grow, with minimal pest and disease.

- Sow early May.
- Combine in early September.
- No problems with pest/ diseases.
- Very resistant to rabbits / pigeons etc
- High yield - up to 1.85 tonnes per acre
- Suits all areas south of the Vale of York.
- Suits any soil.
- Excellent gross margins.

Mammoth White Millet 2021

In 2003 we embarked on a series of trials with 12 growers taking part in commercial trials of a new crop. This new crop was a white proso millet called “Mammoth”, and it proved a great success. Further success in the intervening years has led us to conclude that Mammoth is here to stay, and we are once again placing contract acreage for 2021

Mammoth is a very productive, short-season crop normally sown in early May and harvested 135 days later in mid-September. There is substantial market demand for millet grain and over the years we have expanded the area of Mammoth in order to continue developing our access to this high-value market.

We now also have a well-developed agronomy model using very simple and highly effective maize-type chemicals. Disease has not been a significant factor, and normally no fungicides are used. Seed yields are in the range of 1.00 -1.85 tonnes per acre, with typical yields of a good crop at 1.5 tonnes/acre.



Why Mammoth Millet?

It is important to understand that Mammoth is different from other white millets which have been bred for continental production - it has been **specifically bred for UK conditions**, and this is key to its success.

Bred for the UK means:

- Mammoth yields more. In some cases a lot more, because it has been bred to grow in our conditions.
- Mammoth is resistant to all known strains of smut in the UK.
- Mammoth is early. Most white millets are hopelessly unsuitable for UK production because they are simply too late to be harvested in good conditions, but Mammoth is ready for cutting in mid September.
- Mammoth does not need to be drilled in wide rows in order to maximize the light access. Because it is designed for production here, it does not need the additional light access, and therefore can be drilled using a standard un-modified cereal drill on a standard 4¾ inch coulter spacing.

Agronomy for Mammoth Millet

Sowing date:	Early May
Seed Cost:	Price £40 per acre.
N-Fertilizer: (Full arable rates)	Tillering 60kg/Ha Shooting 20kg/Ha
Plant height	3 - 4 feet high
Disease resistance:	Mammoth is resistant to smut, and seed dressings are routinely used to guard against piricularia. As a result, the crop is normally disease-free.
Herbicides:	Broadleaf control is usually achieved using a mixture of Peak and Starane – both of which have EAMU's. Crops are usually desiccated with glyphosate prior to harvest.
Harvest:	Combining in September – around 135 days from sowing. Combine harvesters are normally set up as for oilseed rape.
Drying:	Normally some drying is required, although it is usually not a lot. Market standards are 14% moisture. Crops are normally harvested at around 16%, so it is normal to do some drying.
Yield & Value:	1 - 1.75 tonnes per acre. Current values are in the region of £230/tonne. Typically millet is worth around £70 - £100 more than feed wheat. This guide can vary depending on market conditions, time of year, and the price offer from imported millet.

Contracts available for growers of Mammoth Millet

Mammoth is exclusive to Soya UK, and is being produced under full buy-back contracts. The contract offers the grower the choice of a fixed price forward contract, or market value at time of movement. Growers who have storage will often be in a better position to fit with market requirements

Mammoth Millet Gross Margins 2021

Optimistic - Based on £270/t

	Hectare	Acre
Yield (tonnes)	3.5	1.42
Value (£/t)	270.00	270.00
Total Income	945.00	383.00
Seed Cost (£)	100.00	40.00
Fertiliser Cost (90kg N/Ha)	50.00	20.00
Spray Cost (£)	40.00	16.00
Total Cost (£)	190.00	76.00
Gross Margin	755.00	307.00

Pessimistic - Based on £230/t

	Hectare	Acre
Yield (tonnes)	3.5	1.42
Value (£/t)	230.00	230.00
Total Income	805.00	326.00
Seed Cost (£)	100.00	40.00
Fertiliser Cost (90kg N/Ha)	50.00	20.00
Spray Cost (£)	40.00	16.00
Total Cost (£)	190.00	76.00
Gross Margin	615.00	250.00

If you have any enquiries or would like further information, please call us on **02380 696922**