



MAMMOTH MILLET FOR SPRING 2018

A FANTASTIC, Highly Profitable, Low Input Break Crop

Following the remarkable success of Mammoth millet over the last 14 years, Soya UK will be operating their full buy-back contract for Mammoth millet again in 2018.

- 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 2018

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 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 2018.

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 last 12 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?

In 2003 we began discussions with a millet breeder to grow a “revolutionary” new millet variety. The crop performed very well and exceeded even our highest expectations. Mammoth is a very productive, short-season crop and even in the cold, wet seasons of 2004, 2007, and 2012, the crop was harvested within an acceptable time frame.

It is important to realise that Mammoth is different from other white millets designed 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 early 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:	Various chemicals used by special permission. There are various options, including Tomahawk, Jester and Bromoxynil. Crops are usually desiccated with diquat or 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 usually around 14%. Crops are normally harvested at around 16%.
Yield & Value:	1 - 1.75 tonnes per acre. Current values are in the region of £230/tonne. Typically millet is worth around £100 per tonne more than feed wheat. This guide can vary depending on market conditions, time of year and so on, and at present it is a bit more than £100 over wheat.

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 2018

Based on £220/t

	Hectare	Acre
Yield (tonnes)	3.5	1.42
Value (£/t)	220.00	220.00
Total Income	770.00	312.00
Seed Cost (£)	100.00	40.00
Fertiliser Cost (AN@ £250/t)	50.00	20.00
Spray Cost (£)	40.00	16.00
Total Cost (£)	190.00	76.00
Gross Margin	580.00	236.00

Based on £240/t

	Hectare	Acre
Yield (tonnes)	3.5	1.42
Value (£/t)	240.00	240.00
Total Income	840.00	341.00
Seed Cost (£)	100.00	40.00
Fertiliser Cost (AN@ £250/t)	50.00	20.00
Spray Cost (£)	40.00	16.00
Total Cost (£)	190.00	76.00
Gross Margin	650.00	265.00

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