

MAMMOTH WHITE MILLET FOR 2011

A FANTASTIC, Highly Profitable, Low Input Break Crop

Following the remarkable success of Mammoth white millet over these last 7 years, ARS Ltd will be once again overseeing a full buy-back contract for 2011.

- High value niche markets.
- Cheap and easy to grow, simple agronomy.
- Excellent opportunity to control resistant blackgrass
- Very good break crop.
- Markets prefer UK-grown crop.
- Pigeons, rabbits and pheasants dislike it.

“**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.
- High yield - up to 1.85 tonnes per acre!
- Suits all areas south of the Humber.
- Suits any soil.
- Excellent gross margins.

Mammoth White Millet 2011

There is substantial market demand for millet grain with some 30,000 tonnes being imported each year.

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 2008, the crop was harvested within an acceptable time frame.

Since the increase in chemical, fuel and fertilizer prices, **Mammoth** has enhanced its usefulness in the cereal rotation as a most effective alternative cropping solution with minimal cash investment.

The last 6 years experience has enabled the development of a sound, detailed agronomy model. This is very simple and highly effective using maize-type chemicals with as yet only minimal disease having been recorded. Seed yields are in the region of 1.25-2 tonnes per acre.



Why Mammoth Millet?

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 it's 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 4³/₄inch coulter spacing.

Agronomy for Mammoth Millet

Sowing date:	Early May
Seed Cost:	Price £39 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 Jester and Tomahawk. 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:	1.25-2 tonnes per acre. Current values are variable, ranging from £220-£250/tonne depending on market conditions, time of year and so on.
Contracts:	Mammoth is only contracted through farming4profit 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.

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