

# Maxammon Update

Summer 2020



Merklandwell cows

Maxammon is a grain treatment process that improves rumen performance and digestibility and as a result, leads to improved feed efficiency. With the resulting benefits including significant increases in milk yield and solids, as well as improved health and fertility, Maxammon can make a huge impact to the overall performance of any ruminant.

With a decade of farm success across the UK, during this time Maxammon has been developed and tested by over 17 universities and research institutes in ten countries across the globe to ensure that ruminants from a diverse range of systems can use it to obtain the best nutritional response. Today Maxammon is now used across five continents and in over 20 countries where farmers report the same health and performance benefits that have been seen within the UK.

## Maxammon approach drives reduced costs and improved yields

Angus Kerr runs two dairy herds at **Crochmore Farm** and **Merklandwell Farm** in Dumfriesshire. He has 300 cows on the Merklandwell site and another 450 at Crochmore, all Holstein Friesians and his milk contract is with Arla with whom Angus works very closely.



Only a small amount of grain is grown on farm which is largely fed as wholecrop, so they buy in around 300-400 tonnes of grain at harvest each year from a local farmer just 10 miles away, helping to add a sustainability angle to their operation. The grain is treated in one operation and this

keeps it safe for all year feeding. Angus told us the end result is a very “consistent product that keeps well.”

**“Yields quickly increased after a short period of feeding the Maxammon treated grain.”**

Angus mixes his own rations on farm comprising of a pre-mix with Maxammon treated barley and wheat alongside bought in straights. Introducing Maxammon to the diet increases the protein of the grain by around 30% and the farm have noticed a significant reduction in the amount of bought in protein required, saving a substantial cost. This combined with the increased yield achieved delivers a noticeable financial benefit. Secondary benefits of feeding Maxammon are good general health and good rumen health in particular which come as a result of the improved rumen performance.

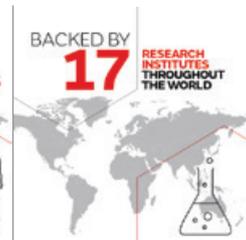
**“We noticed a significant reduction in the amount of bought in protein required.”**

CELEBRATING **10** YEARS OF

**2.5** MILLION TONNES

FED IN **20** COUNTRIES

BACKED BY **17** RESEARCH INSTITUTES THROUGHOUT THE WORLD





David Beechinor feeds Maxammon wheat and maize to his herd of 180 Holsteins and Jerseys. He has seen the following benefits from the system:

-  **MILK SOLIDS INCREASED**  
from **526kg to 691kg/cow**
-  **INCREASED HERD PROTEIN**  
from **3.3% to 3.6%**
-  **INCREASED HERD BUTTERFAT**  
from **4.0% to 4.3%**
-  **IMPROVED HERD FERTILITY PERFORMANCE**

## MAXIMISE HEALTH AND PERFORMANCE WITH MAXAMMON

Tom Smith from Haysmuir Farm near Kilmaurs milks 120 dairy cows and farms in partnership with his brother Dave in Stewarton. He has been feeding Maxammon grain to his dairy cows for the last five years since he attended a Maxammon open evening at a neighbour's.

The silage produced on farm had always been quite acidic and this was originally why Tom decided to give Maxammon a try. Through the production of ammonia, Maxammon neutralises acidity which leads to a more stable rumen pH and improved rumen performance. Shortly after feeding Tom noticed 'an improvement in production with increased butterfat in the milk as well as health benefits including better foot health.'

Tom buys ready made Maxammon treated grain processed at one of our mills and also uses home grown treated grain.



Tom's boys Adam and Paul checking the cows before afternoon milking



## MAXAMMON SUCCESS IN ROMANIA

A dairy farm with 700 cows in Romania has improved milk yield and health and reduced the cost of production feeding Maxammon:

**Daily average milk yield: 42.8kg**

**Cost/1kg milk: reduced 5%**

## MAXAMMON FEEDING SYSTEMS

Maxammon feeding systems include:

- Treating suitable grain at harvest time or dried, stored grain throughout the year - maize, wheat, barley and oats. Wholecrop, straw and pulses can also be treated.
- Supply of Maxammon grain direct to farm.
- Supply of Maxammon blended feed and compound.
- We also offer a complete Maxammon processing service for farmers looking to home treat.



Call us to find out how you can maximise performance and health with Maxammon: **01888 545200**

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