

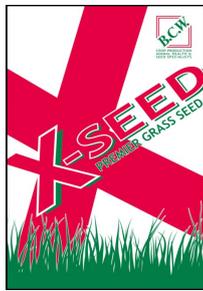


CROP PRODUCTION  
ANIMAL HEALTH &  
SEED SPECIALISTS

Food from thought

March 2018

# Breakfast News



## Re-seed grass to boost quality & yield.

Reseeding remains the cost effective way to boost unproductive silage or grazing leys. We will provide you with the best advice to ensure that the grass seed you sow is right for your rotational and feeding needs.

For reseeded advice call 01630 655 722.



## Silage Sheets and Additives.

Get the best advice when choosing the additive that's right for your forage.



We stock a full range of Gallagher fencing items. Call Pete on 01630 655 722 for details on current Offers and Promotions.

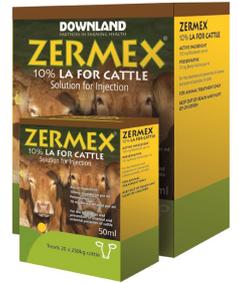
7 Year Manufacturers Warranty on all

## Zermex 10% LA for cattle. Worm control for half the price of leading boluses

Zermex 10% LA is quick, easy and economical to administer. For the treatment and prevention of internal parasites such as gastro-intestinal round worms and lungworm, and external parasites such as lice, mange mites & warbles.

Persistent 150 day action for internal parasites and up to 133 days for external parasites.

Simple & cost effective single dose.



## The "life" of a soil sample.

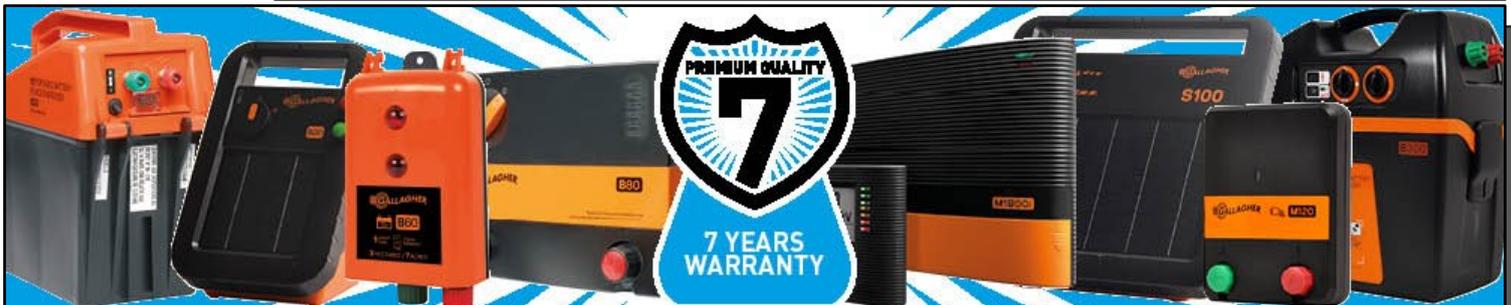
Have you ever wondered what happens to your soil sample between your Agronomist taking the sample and returning to discuss the results?

The sampled soil is delivered to the Laboratory where it is transferred to a temperature controlled drying tray and dried overnight. After drying soils are passed through a grinding mill to produce a powder of controlled particle size.

A measured volume of soil is then taken from the sample and placed in an extraction pot where it is mixed with nutrient extracting solution. The solutions are then shaken, filtered and

tested via a state of the art coupled plasma Spectrometer. The Spectrometer produces a fast and accurate analysis.

Have your soils sampled now and take the guesswork out of soil nutrition.

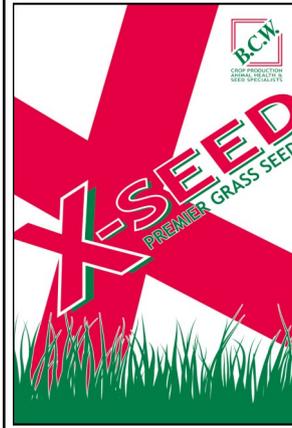


DELIVERING PROFITABLE SOLUTIONS THROUGH SERVICE AND VALUE

## Give maize the best start possible:



Early vigour and rapid emergence is critical for maize. A seed bed fertilizer such as **Maize Trace Starter** will provide N, P and K as well as trace elements such as boron, manganese, zinc and copper essential for the development of strong and vigorous roots so important for a healthy crop.



**Re-seeding grass?**  
**Demand eXtra.**  
**X-Seed 100% high sugar grasses deliver eXtra yield, eXtra energy, eXtra milk and eXtra meat.**

## Test Grass before harvest to produce better quality silage.



**Biotal Technical Manager Roy Eastlake predicts pre-cut testing of grass will become the key indicator of when to make grass silage.**

When grass is at its optimum quality in the field before first cut it will have an **energy content of around 12.8MJ/kgDM**. Yet when the clamps are opened, silage energy contents will be lower, representing a loss of energy and reduced milk production potential. "In part this will be due to factors at play during silage making, such as respiration losses while the crop is lying in the field and fermentation losses, but **in many cases the biggest loss is a direct consequence of cutting grass too late.** "As grass develops the ear, it goes through a process of **increased lignification which reduces the digestibility** of the whole plant and so leads to lower energy (D value.) The rule of thumb is that D value typically declines by around three units per week leading to a reduction of 0.5MJ in energy content, but the rate of decline may be faster or slower depending on the season." Mr Eastlake advises taking weekly sampling of at least two fields with different sward characteristics, starting four weeks before the anticipated cutting date. He says it is important to watch trends and the target levels are:

\***Sugars** should be > than 10% in the dry matter to achieve an effective fermentation.

\***Nitrates** should be less than 1000mg/kg (0.1%) in the fresh weight.

\***NDF** look to cut at 38-42% NDF provided nitrate and sugar levels are optimal too.

**Pre-cut testing gives a better picture of grass quality, improves timing of harvest and helps you take control.**



Once the decision has been taken to cut, further reducing in-clamp losses is about the fermentation process and avoiding spoilage. The faster the crop is fermented fully, the lower the fermentation losses. **Using the right situation specific Biotal inoculant is vital ensuring an efficient lactic acid fermentation and a rapid pH drop.**

**Low DM grass (<30%) = Choose Axphast Gold.**

**Higher DM grass (>30%) = Choose Axcool Gold.**

**Speak to BCW today about Pre-cut grass testing and additive choice. Take control to minimise quality and yield.**

## Magnesium Supplementation.

Magnesium is required for the correct nervous function, where deficiency leads to 'misfiring' of nerves, which leads to **staggers**. **Spring grass is low** in available magnesium due to rapid growth of grass and lock-up of potash. Dietary excesses are not stored and the very small amount in the skeleton is not easily mobilized during times of deficiency. Supplementary magnesium should be supplied.

### DL FA Extra Mag Cattle/DL FA Extra Mag Sheep

Free access minerals containing 20% magnesium which will provide 30g/head/day when fed at 150g/head/day.

### Magnesium Chloride Flakes (12% Magnesium)

Dissolve 250g in 100 Litres of water to provide 30g/head/day. Ensure no access to any other water.



**Buy 13,  
Get 1  
FREE!**