

A black and white cow is looking down at a newborn calf lying in straw. The cow's head is in the upper left, and the calf is in the lower right. The straw is golden and textured. The background is a solid green color.

x  zelit®

X-Zelit®

Uncomplicated Excellence

The easy way to transition healthy, profitable cows

VILOFOSS®

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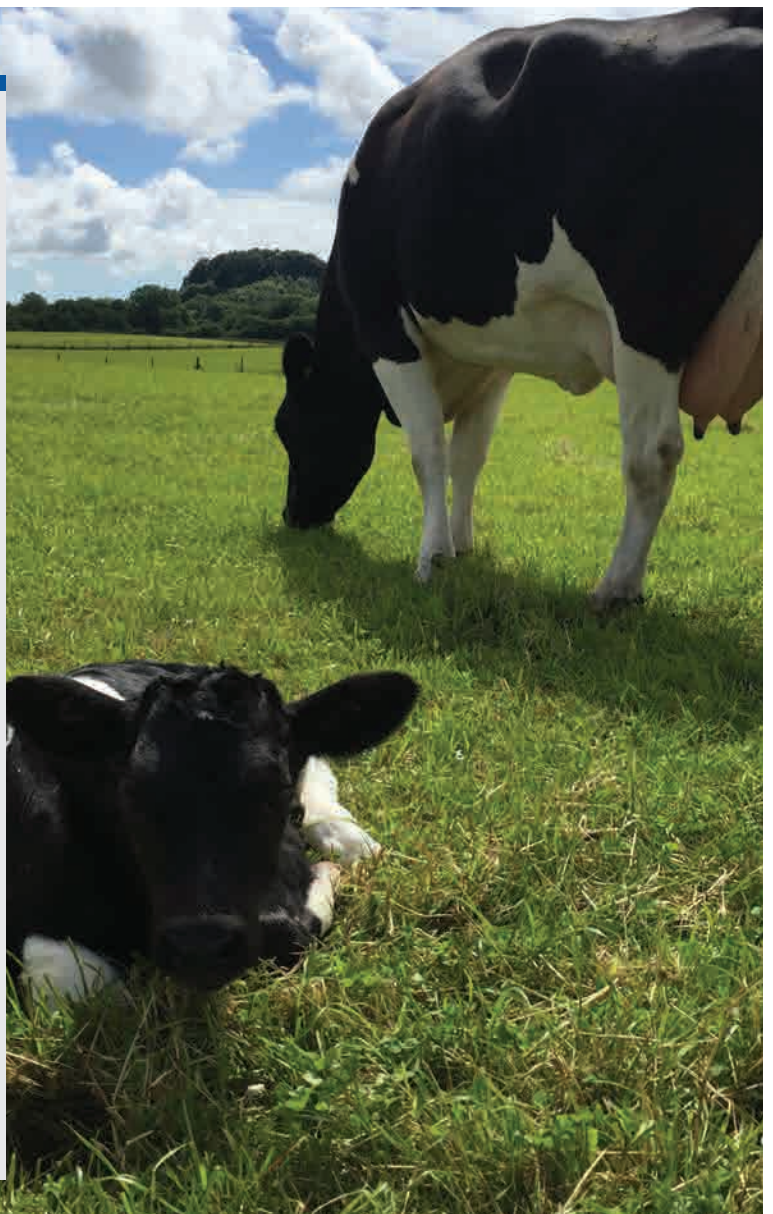
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The Perfect Calcium Balance

One of the most important factors for providing a good start to the lactation, is the calcium level around calving. Calcium levels are crucial for proper muscle function and the immune system. At calving there is a sudden demand for calcium and the resultant drop in the required level can impair the cow's health status and productivity.

Milk fever is a result of a low level of calcium in the blood, however, it is subclinical milk fever that is impacting up to 75% of your herd. You may not recognise it and therefore not treat it. As a consequence it's the gateway to other metabolic diseases and ultimately an early cull cow.

X-Zelit achieves a perfect level of calcium at calving.



X-Zelit is a dry cow feed which allows for easy management of the transition period.

Scientifically proven, this highly effective product will significantly improve cow health and lifetime performance. It's no surprise, X-Zelit is the fastest selling dry cow product in the world.



**Straightforward
dry cow
management**



**Improved cow
health and lifetime
performance**



**Scientifically
Proven**



**Excellent return
on investment**

This dry cow product works as a calcium binder, stimulating the cow's own hormonal system to create a perfect calcium balance at calving. The result is a dramatic drop in levels of clinical and subclinical milk fever, increased health, fertility and post calving energy.

Studies undertaken by Cornell and Copenhagen Universities proved X-Zelit:-

- 1 Significantly reduces milk fever - 100% effective in lab trials
- 2 Increases milk yield up to 1.5kg
- 3 9% increase in colostrum quality
- 4 Increases fertility, reducing the time to pregnancy by 19 days
- 5 10% reduction in SCC



X-Zelit has been tried and tested on UK farms for over 10 years, producing positive results for the farmers who use it. On average they have saved up to £90 per cow, included the cost of the feed.

"We have been using X-Zelit since 2012 and find it to be a very simple and effective dry cow management system for our herd of Jerseys. It's given our staff real confidence in managing the dry period. It has eliminated milk fevers and other associated metabolic issues, as well as improving fertility. We made the mistake of not using X-Zelit but started using it again as the benefits far outweighed the cost of not using it!"

Calum McGinley

Straightforward dry cow management

Easy as 1,2,3!



A highly effective calcium binder without the hassle of a common DCAD diet.

X-Zelit is simple



Mix into regular feed, 2-3 weeks prior to calving. X-Zelit suits all diets.

Vs

DCAD is difficult

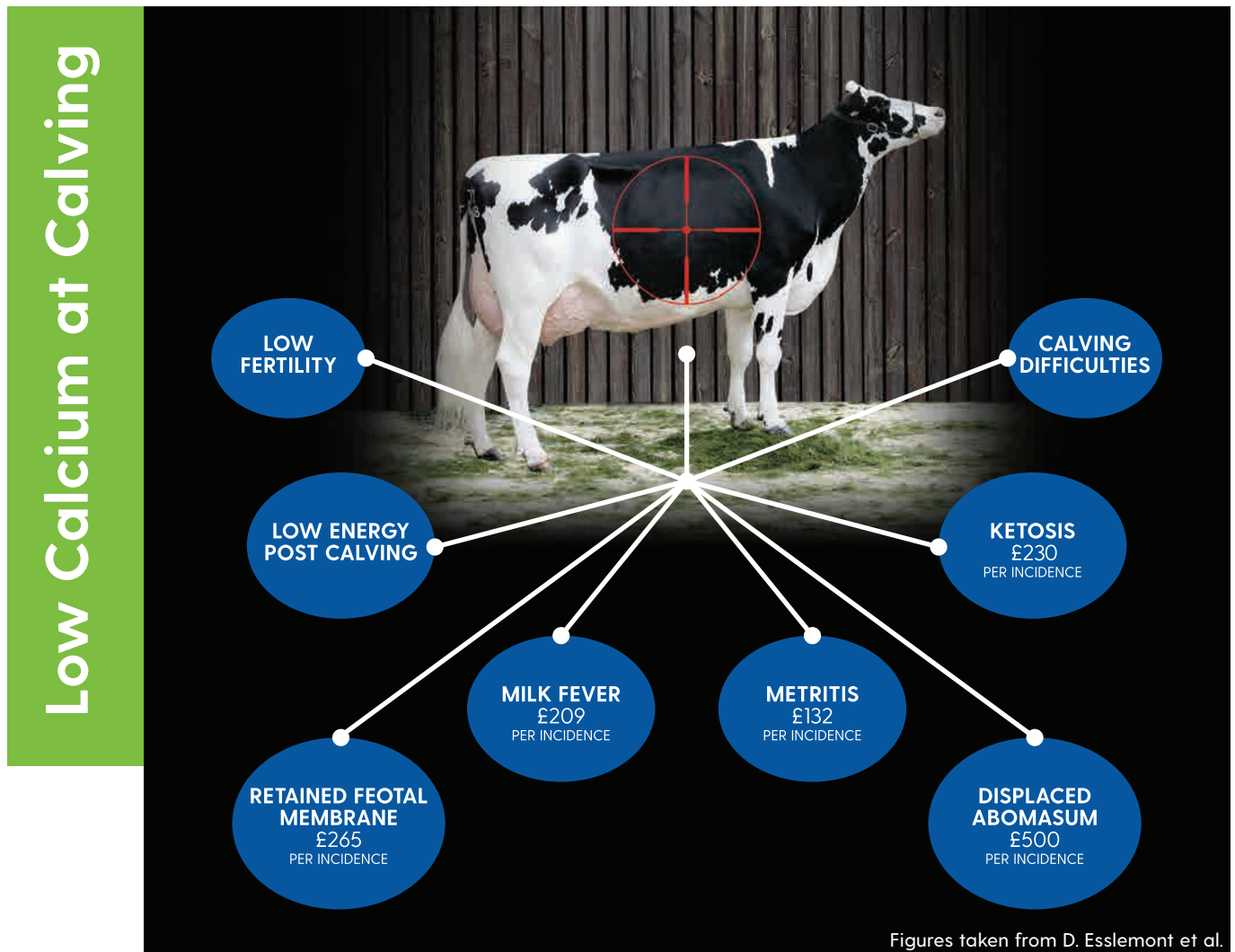
- ✗ **STEP: 01** Collect a sample of forages fed, DCAD reduces the opportunity to use grass forages.
- ✗ **STEP: 02** Analyse chemical make up of forage.*
- ✗ **STEP: 03** Select ingredients for the diet with low potassium, sodium and phosphorus.
- ✗ **STEP: 04** Include up to 0.5 kgs of anionic salts. These are very unpalatable and can depress cow intake.
- ✗ **STEP: 05** Must be fed consistently with no mistake, then monitor.
- ✗ **STEP: 06** Drop blood and urine pH to 6.2, acidity breaks and cracks the bone so calcium can be released. As a result the cow's urine is very acidic and no doubt painful to pass.
- ✗ **STEP: 07** Frequently test the pH of the urine.
- ✗ **STEP: 08** Adjust and rebalance the diet.
- ✗ **STEP: 09** Repeat steps 4, 5, 6, 7 & 8! This is very difficult to keep simple, especially with a rotation of different staff.

*All forages analysed frequently on average every 2 weeks

There's a hidden killer in your herd!

Do you know the impact of subclinical milk fever in your herd?

Nearly all dairy cows in your herd will be exposed to sub-clinical milk fever, the gateway to more serious diseases and ultimately culling of the cow.



X-Zelit provides the easy solution.

"Before using X-Zelit we had tried everything from complex diets to analysing minerals to alleviate and minimise the risk of milk fever in our Jersey herd. We found them to be far too complex and not really effective. X-Zelit is the one thing that actually works and is simple to use, especially as our cows are at grass. We feed X-Zelit to 3rd calving cows and older as part of a 20% concentrate at 2kg/cow/day with add lib haylage 10 days before calving, its really easy. It has reduced our cases of milk fever and resultant metabolic issues such as retained cleansings."

Bruce Ravenhill-White, Great Blakewell Farm

Scientifically proven

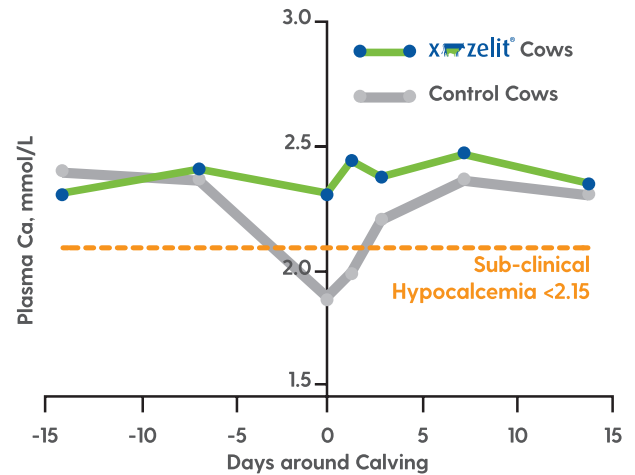
The effectiveness of X-Zelit has been proven by numerous trials and tests. Most notably from Copenhagen and Cornell Universities.

1 Significantly reduces milk fever - 100% effective in lab trials

Researchers at Cornell University demonstrated that feeding X-Zelit 2 weeks before calving, resulted in a markedly improved calcium status immediately before calving. Additionally, the prevalence of subclinical milk fever in cows fed X-Zelit was much lower during the immediate pre and post calving period versus the control group.

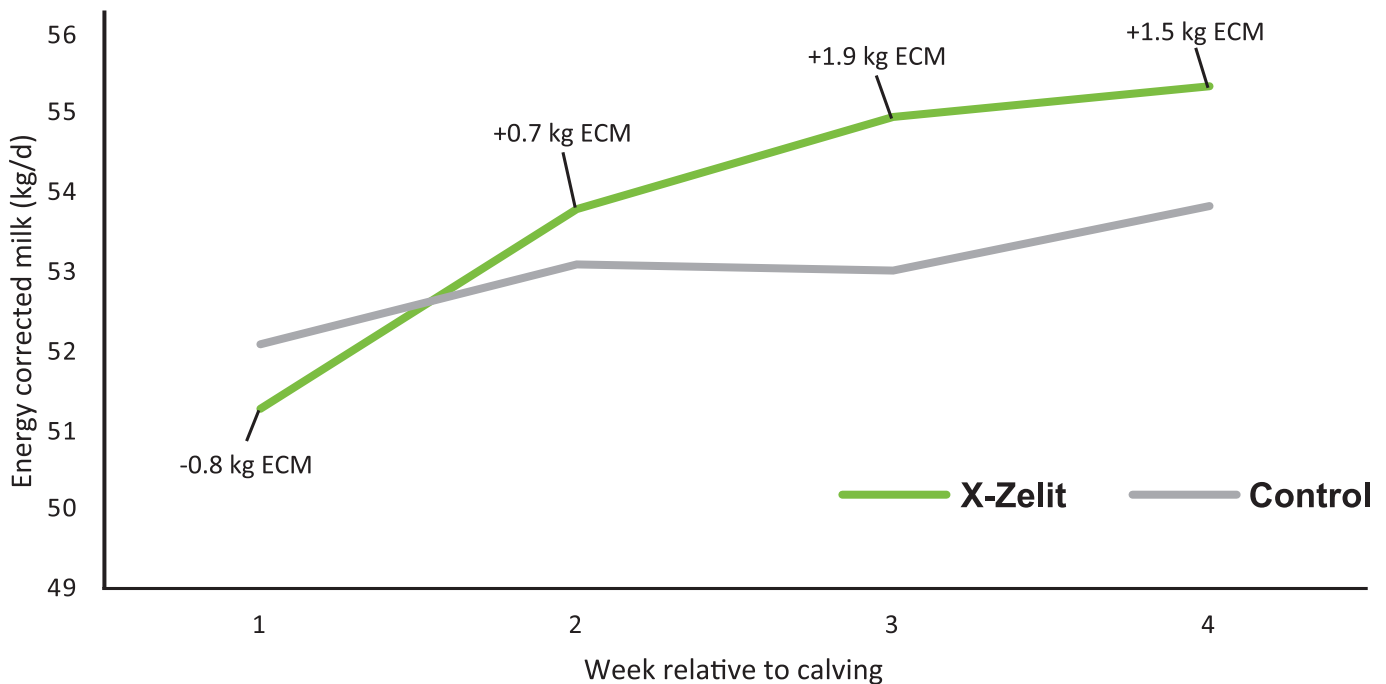
Furthermore the laboratory trials at Copenhagen university proved that X-Zelit was 100% effective at reducing milk fever, meaning that on farm if you can get the cow to complete the full dose of X-Zelit you will not get any milk fever.

Calcium status around calving



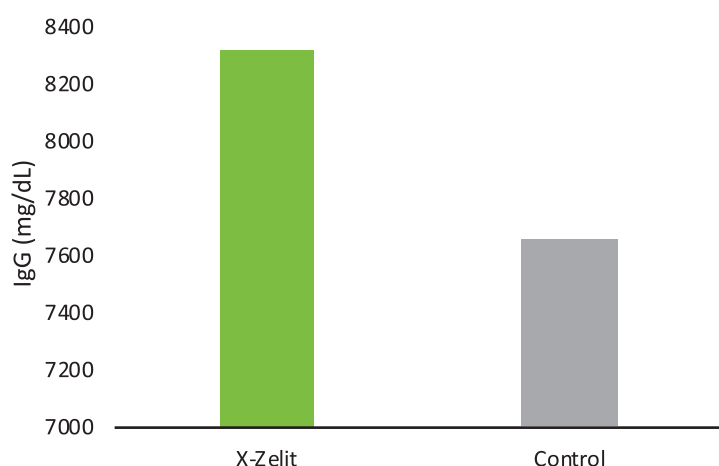
2 Increases milk yield up to 1.5kg

The Cornell University trial, demonstrated that although milk production during the first week was slightly lower, dairy cows responded positively and yields quickly increased. By weeks 3 and 4, they were producing 0.68-0.91 kg extra, which was found to continue throughout the lactation.



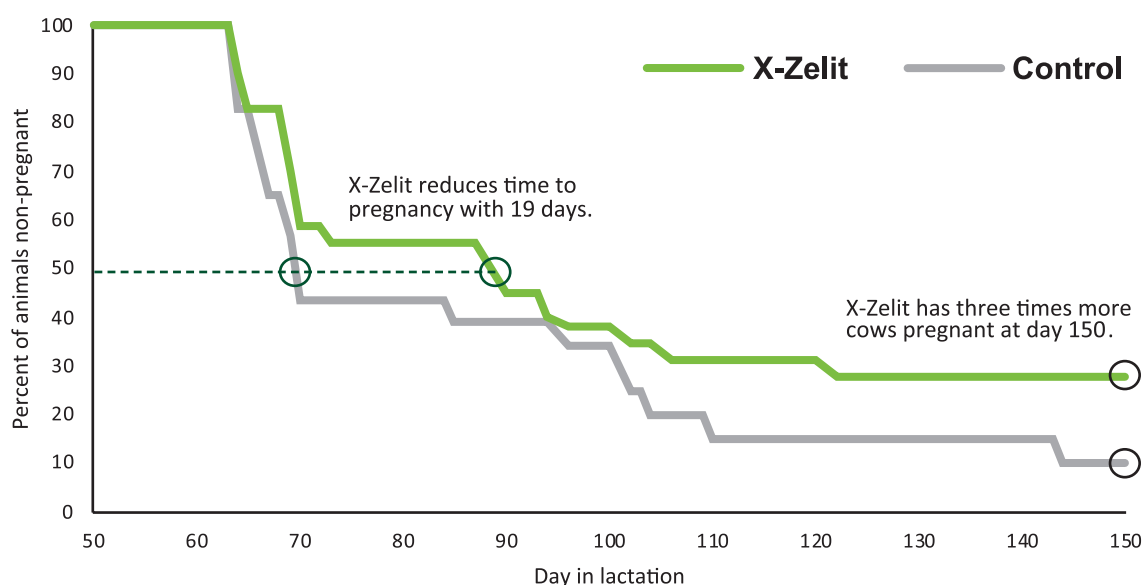
3 9% increase in colostrum quality

A trial of X-Zelit vs control was shown to improve the colostrum quality by 9%. This ensures the high-quality colostrum crucial to the health and wellbeing of newborn calves.



4 Increases fertility, reducing the time to pregnancy by 19 days

Researchers at Cornell University demonstrated that X-Zelit increased fertility vs control, reducing the time to pregnancy by nearly 3 weeks.



5 10% reduction in SCC

In the same trial the cows receiving X-Zelit showed a Somatic Cell Count (SCC) approx. 10% lower over a period of 305 days compared to cows that received no X-Zelit.

| | Control group, SCC | X-Zelit group, SCC |
|--------------|--------------------|--------------------|
| 1. Lactation | 52,000 | 52,000 |
| 2. Lactation | 70,000 | 64,000 |
| Others | 113,000 | 94,000 |

X-Zelit - Uncomplicated Excellence

"We've been using X-Zelit for the past 18 months and we'll keep feeding it to our dry cows. It just works. Our Jersey heifers have started off producing 26 - 28 litres per day, the calves are also much fitter and growth rates have been great. Once you start feeding it, it's an area you just don't have to worry about - giving you the time to solve other problems on the farm!"

Colin Murdoch, Bunton Hill Farm

Contact Us

If you would like to find out more information on X-Zelit, please visit our website www.x-zelit.co.uk. Here you will find more detailed product information, farmer testimonials and scientific trial data.

To buy X-Zelit, please contact your distributor below.



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