

Have a litre on us



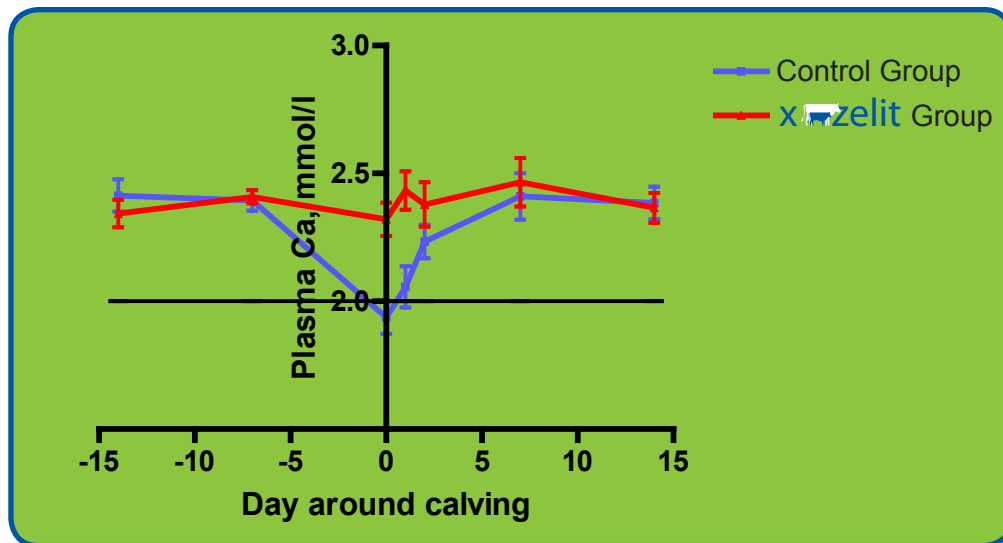
Protect your herd with **xzelit**
and gain 1 litre of milk
per cow per day



X-Zelit® provides a perfect calcium balance around calving and minimises the risk of hypocalcaemia

The increased demand of calcium for colostrum/milk production around calving can result in a lack of calcium in the blood causing hypocalcaemia (milk fever).

Despite large resources of calcium being stored in the body the cow is unable to mobilise these resources quickly enough to meet the demand due to hormonal constraints. The calcium available to the cow soon becomes inadequate and the blood calcium levels drop rapidly around calving.



Supplementing cows with X-Zelit® prior to calving allows the cow to maintain stable blood calcium levels around calving therefore protecting cows against hypocalcaemia as well as a range of secondary related disorders that arise as a result of calcium deficiency.

Avoid complications because of calcium deficiency

Whilst clinical incidences of milk fever typically affect between 5-10% of cows and usually require veterinary treatment, the sub-clinical form of hypocalcaemia can affect up to 75% of the herd and is unrecognisable and generally remains untreated.

Studies show that animals suffering from hypocalcaemia are between 4 and 9 times more likely to develop various secondary related disorders such as ketosis, retained placenta, etc.

X-Zelit® significantly reduces incidences of both clinical and sub-clinical hypocalcaemia therefore minimising the risk of cows developing other complications related to calcium deficiency and subsequently results in:

- Fewer incidences of milk fever
- Fewer incidences of ketosis
- Fewer incidences of calving difficulties
- Fewer incidences of retained placenta
- Fewer incidences of displaced abomasums

500g per cow per day + 14 days prior to calving

How does X-Zelit® work?

- X-Zelit® binds the calcium from the feed in the small intestines
- This causes hormones in the cow to adjust to a condition of low availability of calcium
- Stimulation of the hormones ensures effective mobilisation and absorption of calcium from the body reserves
- Supplementation of X-Zelit® is stopped at calving and the cow is ready for maximum absorption of calcium from the feed content and body reserves
- As a result the cow maintains a stable blood calcium level and avoids calcium deficiency and associated diseases/disorders

X-Zelit® gives more milk and reduces cell counts

X-Zelit® has been consistently shown to significantly reduce incidences of hypocalcaemia under various herd situations and in a recent farm trial the benefits of supplementing X-Zelit® have shown positive effects on milk production and quality.

The trial took place in a herd experiencing average levels of clinical hypocalcaemia (5-10%) and showed that **cows which received X-Zelit® yielded approx. 1 litre of energy corrected milk (ECM) extra per day over a period of 305 days compared to cows that received no X-Zelit®.**

	Control group, ECM	X-Zelit® group, ECM
1. lactation	8,675	+ 174
2. lactation	10,495	+ 289
Others	10,424	+ 321

In the same trial the cows receiving X-Zelit® showed a Somatic Cell Count (SCC) approx. 9% 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



How is X-Zelit® used?

X-Zelit® is available as a small white granule and is used as follows:

- 500 grams per day is applied the last two weeks in the dry period
- X-Zelit® can be mixed into the feed or applied as top dressing
- Stop applying X-Zelit® at calving

= PERFECT CALCIUM BALANCE AROUND CALVING

Please contact your nearest stockist for more information:

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Vitfoss is a dynamic and innovative Danish company specialised in premixes, the main focus being on production and marketing of vitamin and mineral premixes to the feedstuff industry.

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