

CALCIUM +ADE

Dietary feed supplement for dairy cows containing calcium, magnesium, vitamins and energy.

- Calcium in an immediately absorbable form for a quick effect.
- Calcium in a slower absorbable form for a prolonged effect.
- Contains magnesium and vitamins to facilitate the absorption and utilisation of the calcium.
- Contains propylene glycol to supply the cow with readily available energy.
- The product is not corrosive.
- The product is liquid at any normal temperature.

Guidance for the use

Calcium +ADE may be used either prophylactic or following the intravenous administration of calcium by the veterinarian.

In either case the product is administered by a drenching gun, with a dose of 230 ml per administration. Placing the tip of the drenching gun on the back of the tongue and pressing out the product at a pace that will allow the cow to swallow the product performs the administration. The head of the cow is kept horizontal during the administration.



Background for supplementation

When the lactation is resumed after calving it puts large demands on the cow's ability to mobilise calcium from the skeleton. If the needs for calcium for the milk is not covered by mobilisation from the skeleton the cow will deplete its blood for calcium. This causes a reversible paralysis. If the condition is not treated it is likely to lead to the death of the cow.

To prevent the condition to appear a prophylactic oral administration of easily accessible calcium, from just before expected calving to a few days after has proven to be an effective tool.

Calcium +ADE has been developed for this purpose. Taking into account that sub clinical ketosis often goes hand in hand with the need for calcium a high content of propylene glycol has been incorporated into the product, to ensure a source of easily available energy.

Prophylactic use

1. Dose is given 12-24 hours before expected calving.
2. Dose is given just after calving.
3. Dose is given approx. 12 hours after calving.
4. Dose is given approx. 24 hours after calving.

Administration following the treatment by the veterinarian

1. Dose is given approx. 2 hours after the treatment by the veterinarian. The swallowing reflex must be present.
2. Dose is given 12 hours after the first one.

Cows with a previous history of calcium problems around calving, high yielding cows and elderly cows are all groups with a particular risk of getting calcium problems, and as a minimum these groups should be treated prophylactic.

Storage

Dry in the original closed container.

Shelf life

2 years from production date.

Packing

4,8 litres (21 doses) in a plastic can.