

# CALCIUM +ADE

DIETARY SUPPLEMENT FOR DAIRY CATTLE
WITH HIGH CALCIUM CONTENT



The content of the brochure has been prepared with utmost care. The information is indicative and aims to provide inspiration, but ChemVet assumes no responsibility for errors and omissions. Not all products are available in all markets, and local regulatory instructions for the use and distribution of the products take precedence over the content of this brochure. ChemVet reserves the right to change the information about the products at any time without prior notice. ChemVet disclaims any liability for direct or indirect loss following from the use of the information. ChemVet reserves all rights to the material used, including texts, images and logos.

ChemVet dk A/S, Denmark, Phone: +45 86817522 www.chemvet.dk



# 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 intra venous 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 put 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 hour 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.