

CALCITOP BOLUS

Dietetic mineral feed in the form of a bolus for dairy cows for the reduction of the risk of milk fever

Application

Calcitop is fast dissolving calcium supplement that is given to dairy cows as of the first signs of calving until two days after calving.

Composition

Dicalcium phosphate, magnesium oxide, calcium stearate

Analytical constituents

Calcium (Ca)	27.0 %
50.3 % from dicalcium phosphate	
49.6 % from calcium formate	
0.1 % from calcium stearate	
Magnesium (Mg)	1.3 %
Sodium (Na)	< 0.1 %
Phosphorus (P)	8.1 %

Nutritional additives

Vitamins: 3a671 Vitamin D3	Per kg 233 000 IU
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Technological additives

Preservatives: E238 Calcium formate	Per kg 400 000 mg
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operated animal health company*

Dosage

- 2 boluses 12 to 24 hours before calving.
- 2 boluses immediately after calving.
- 1 or 2 boluses 10 to 12 hours after calving.
- 1 or 2 boluses 24 hours after calving.

Dosage after a calcium infusion

- 2 boluses 2 hours after the infusion.
- 2 boluses 12 hours after the infusion.

Instructions for use

- Administer with a suitable bolus applicator. Do not administer to an animal laying down.
- Store dry, protected from extreme temperatures and out of reach of children.
- The opinion of a nutrition expert or veterinarian should be sought before using the feed or before extending its period of use.
- Simultaneous use with Vitamin D2 is not allowed.

Net quantity

12 boluses of 95 g per bolus: each bolus contains 26 g of Calcium and 8 g of Phosphorus
Total net weight: 1.14 kg

Batch number: see packaging

Shelf life: see packaging

Calcium sources comparison

Sources	Bioavailability relative	Metabolization speed
Calcium Gluconate Calcium <u>Propionate</u> Calcium <u>Formiate</u>	> 130	Very fast (1 to 3 h) + glucogenic
Calcium Chloride	125	Fast (3 to 6h) + equilibrium anions-cations (BACA)
Monocalcium Phosphate Bicalcium Phosphate	130 115	Fast Slow
Calcium Carbonate	100	Slow

Extract from :

Alimentation des bovins, INRA, 1988, 95-111

41° Minnesota Nutrition Conference, Feedstuffs, 1980, 12, 24-91

Bioavailability of major and trace minerals, EMFEMA, G De Groot / Gand, W Jongbloed / TNO, F Meschy / INRA, 2002