

CALOL®

The new oral calcium supplement for prevention and treatment of milk fever. Palatable, easy to drench, gentle on the stomach. A water in oil emulsion of calcium chloride and magnesium chloride.

Product:

Calol® is a light yellow, creamy, water in oil emulsion containing 49g calcium as calcium chloride and 4.29g magnesium as magnesium chloride. **Calol®** contains soya oil and a palatable coconut and vanilla flavouring. Provided in ready to drench bottles of 400ml. Packs of 4 bottles.

Indication:

Calol® is an effective aid in the prevention and treatment of milk fever in cattle. **Calol®** may be given to cows:

- 1 Before calving to help prevent the occurrence of milk fever in susceptible cows.
- 2 Following treatment with injectable calcium borogluconate to reduce the possibility of relapse.

Action:

The calcium chloride is rapidly absorbed following oral administration. Within 45 minutes significantly elevated blood calcium levels are achieved which are maintained for up to 14 hours. The magnesium content assists where mild hypomagnesaemia may coexist with hypocalcaemia. As well, **Calol®** helps lower blood pH which has the effect of significantly increasing the amount of free available calcium in the blood.

Dosage and Administration:

SHAKE WELL BEFORE USE

For the prevention of milk fever

For cows that are especially prone to milk fever, **Calol** may be used to prevent its incidence. Prevention of milk fever can be achieved by drenching 'at risk' cows with **Calol®** as follows: Give 1 bottle of **Calol®** 24 hours before calving. Give 1 bottle of **Calol®** immediately after calving. Give 1 bottle of **Calol®** 10-12 hours after calving. Give 1 bottle of **Calol®** 20-24 hours after calving.

To prevent relapse after treatment with calcium borogluconate injection

To supplement injectable treatment of milk fever and prevent relapse of the condition: Give 1 bottle of **Calol®** as soon as the cow stands again. Give 1 bottle of **Calol®** 10-14 hours later.

Safety:

The water in oil emulsion of calcium chloride with soya oil greatly reduces the irritant effect that calcium chloride in solution or gel form can have on mucous membranes and the stomach lining. However, some gastric irritation may occur causing reduced appetite or diarrhoea, especially if the recommended dosage is exceeded or given more frequently than recommended. **Calol®**'s safety and efficacy has been well established with over 1 million bottles having been used in European dairy cows.

CALOL® (cont)

Precautions:

Avoid accidental administration into the trachea or lungs. Do not use in the absence of a swallowing reflex and/or rumenal motility.

Withholding Time:

Nil

Calol® provides a new dimension in the treatment and prevention of milk fever. Calol® offers dairy farmers an easy method of giving calcium supplementation to cows at risk of developing milk fever.

The sustained calcium levels achieved after drenching, confirm that effective absorption of calcium is achieved.

Registered pursuant to the ACVM Act 1997 No
A7044
Calol®
OTC



References:

- Blom, J.Y. National Committee on Cattle Husbandry Per, Comm., 1-89
- Chieze, C. Rec. De Méd. Vét., 1992 168(5), 321-353
- Daniel, R.C.W. Proc. N.Z. Soc. Anim. Prod., 1990, 160-165
- Fürll, M. Proc. XIX World Buiatric Congr., 1996, 248-250
- Glawisching, E. Proc. Int Meeting on Disease of Cattle, Wein 1992, 14-15
- Goff, J.P. et al J.Dairy Sci, 1994 77(5), 1451-1456
- Heiss, G. Proc. 6th EAVPT Congr., 1994, 97-98
- Hove, K. Irish Vet News, March 1987, 24-28
- Kümper, H. Collegium Veterinarium XXIII, 1992, 19-32
- Malling Olsen, P. Nord. Vet-Med, 1965, 17, 50-54
- Massey, C.D. JAVMA, 1993, Vol 203, (6) 852-853
- Miljøministeriet Bekertgørelse nr. 69, 7. Feb 1996
- Oetzel, G.R. Proc. Am. Dairy Sci. Meet., 1993, 304
- Oetsel, G.R. J. Dairy Sci., 1991, 74 (11), 3900-3912
- Philipsen, J.S. Dansk Vet Tidsskr., 1990, 73, 653-655
- Pehrson, B. Dansk Vet Tidsskr., 1990, 73, 1207-1211
- Ringarp, N. et al Zbl. Vet-Med., Reihe A, 1967, 14, 242-251
- Simesen, M.G. Nord Vet-Med., 1971, 23, 35-43
- Stein, M. Top Agrar, 1992, 12, R24-25
- Wentink, G.H. et al Vet. Quati, 1992, 14 (2), 76-79
- Wermuth, N.C. Pers. Comm. on 19 January 1992
- Wermuth, N.C. Proc. XVI World Buiatnic Congr, 1990. 525-531

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