

Mineral Supplements

Copper Chelate™

Liquid copper trace mineral supplement

3 key benefits

- 1 Low cost dosage 2ml per day for 100mg of copper
- 2 Increases immunity, general health and reproduction
- 3 Convenient dosing through drenching, trough treatment or on feed supplements

Other Copper Chelate™ features

- Helps to form red blood cells
- Important in the construction of hair and muscle
- Key to the utilisation and metabolism of proteins
- Helps prevent lameness and infertility

Product composition

Components	Concentration [%]
Copper Chelate (14%)	< 40.0
Water	To 100%



Available sizes: 20L, 200L

For more information

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Copper Chelate™

Liquid copper trace mineral supplement

Copper Chelate™ liquid is designed to provide copper in an electronically neutral solution so the element will not be complexed in the rumen and will not corrode metal. The requirements for copper in cows varies greatly.

Physiological Importance

- Helps to form red blood cells
- Important in the construction of hair and muscle
- Key to the utilisation and proper metabolism of proteins

Deficiency Symptoms

- Lameness
- Scouring
- Poor growth rates
- Depressed milk production
- Infertility

How to Use Copper Chelate™

We recommend a peak and non-peak rate of use – the peak rate being 2ml per cow per day from 30 days before calving until the end of mating, the remainder of lactation at 1ml per cow per day.

When supplementary feeds are being used that are low in trace elements, e.g. maize, brassicas or cereal silage, peak use rates will be required.



Dosage

Each litre contains:

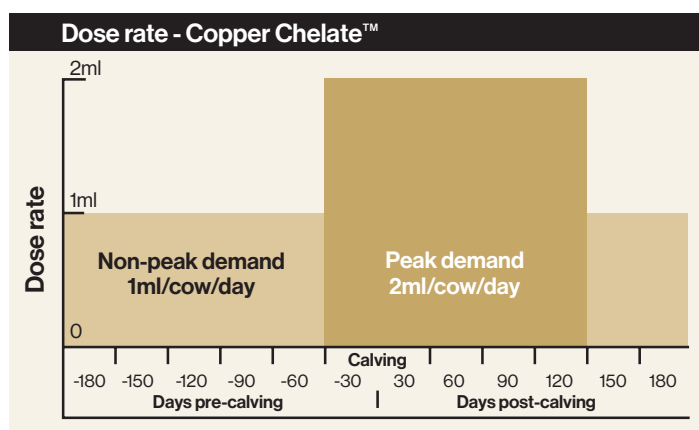
Copper	50,000mg
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Peak Demand: 2ml/Cow/Day = 500 cows/litre

Non-Peak Demand: 1ml/Cow/Day = 1000 cows/litre

When cows are dosed at 2ml/cow/day in the peak demand period they receive:

Copper	100mg per cow per day
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What is a Chelate?

A chelate is a chemical compound containing a metal ion encircled by non-metal ions.

In a mineral supplement the presentation of minerals as chelated products helps retain the mineral in the rumen and intestine and thus improves the bioavailability.

By comparison the same mineral when presented in a sulphate form passes more readily through the digestive system to be expelled from the body with reduced bioavailability.