Mineral Supplements

Iodine Chelate™

Liquid iodine trace mineral supplement

3 key benefits

1. Low cost dosage 0.5ml per day for 6mg of iodine
2. Assists in calf development and thyroid function
3. Convenient dosing through drenching, trough treatment or on feed supplements

Other Iodine Chelate™ features

- Helps control metabolism
- Helps foetus development
- Improves growth rates and milk solid yields

Available sizes: 20L, 200L

Product composition

Components	Concentration [%]
Iodine Chelate EDDI	<2.0
Water	To 100%

For more information
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Iodine Chelate™

Liquid iodine trace mineral supplement

Physiological Importance

- Most of the body's iodine is contained in the thyroid gland
- Controls metabolism, energy mental response, maintenance of body condition

Deficiency Symptoms

- Poor development of the foetus
- Goitre (enlargement of the thyroid gland)
- Increased deaths of new born calves
- Reduced growth rates
- Depressed production

How to Use Iodine Chelate™

We recommend a peak and non-peak rate of use – the peak rate being 1ml per cow per day from 30 days before calving until the end of mating, the remainder of lactation at 0.5ml per cow per day.

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

Dosage

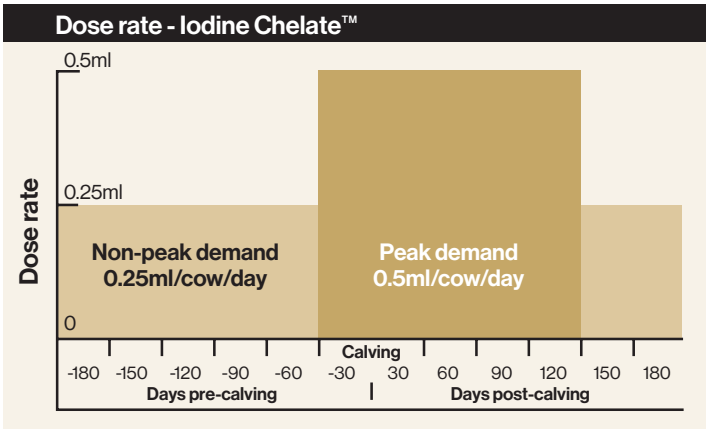
Each litre contains:

Iodine	12,000mg

Peak Demand: 0.5ml/Cow/Day = 2000 cows/litre
Non-Peak Demand: 0.25ml/Cow/Day = 4000 cows/litre

When cows are dosed at 0.5ml/cow/day in the peak demand period they receive:

Iodine	6mg per cow per day



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.