

# COMBI 5<sup>TM</sup> CHELATE

**LIQUID TRACE MINERAL BLEND FOR DAIRY COWS**



## 3 KEY BENEFITS

- 1 **CHELATE BLEND SUPPLEMENT TO OPTIMISE MILK PRODUCTION**
- 2 **SUPPORTS OVERALL COW HEALTH AND FERTILITY**
- 3 **2ML/4ML DOSE RATES FOR COST EFFICIENCY**



**PACK SIZES:**

20KG 20L 100L 200L 1000L

### OTHER COMBI 5<sup>TM</sup> CHELATE FEATURES

- Chelated formulation for more effective absorption
- Aniseed flavoured to enhance taste
- Can be used as a trough treatment or drench and mixed with liquids to pour over hay or silage
- Organic and non-corrosive on equipment
- Stays in solution

### PRODUCT COMPOSITION

Components	CAS-No.	Concentration [%]
Copper Chelate	14025-15-1	< 30
Sodium Selenate	13410-01-0	< 0.5
Iodine Chelate - EDDI	5700-49-2	< 0.5
Zinc Chelate	14025-21-9	< 20
Cobalt Chelate 14%	15137-09-4	< 0.5
Aniseed	8007-70-3	< 5.0
Water	7732-18-2	To 100%

### FOR MORE INFORMATION

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# COMBI 5™ CHELATE

## LIQUID TRACE MINERAL BLEND FOR DAIRY COWS

**Combi 5™ Chelate** is a chelated mineral mix of Copper, Selenium (as Sodium Selenate), Iodine, Zinc and Cobalt. It can be used as a trough treatment or drench and mixed with liquids to pour over hay or silage.

- Formulated to cover the cows requirements for Copper, Selenium, Iodine, Zinc and Cobalt in a single formulation.
- Convenient, totally soluble liquid formulation with correct ratios to balance most deficiencies in dairy cows.

### HOW TO USE COMBI 5™ CHELATE

We recommend a peak and non-peak rate of use – the peak rate being 4ml per cow per day from 30 days before calving until the end of mating, the remainder of lactation at 2ml 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:

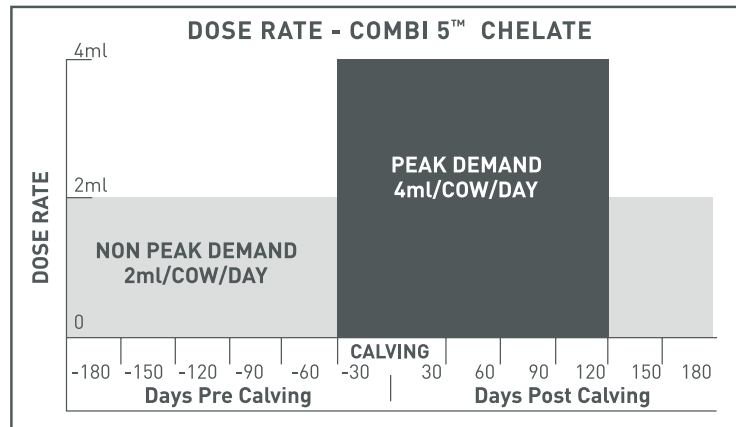
<b>Copper</b>	37,500mg	<b>Iodine</b>	1,500mg
<b>Zinc</b>	20,000mg	<b>Cobalt</b>	500mg
<b>Selenium</b>	1,000mg		

**Peak Demand:** 4ml/Cow/Day = 250 cows/litre

**Non-Peak Demand:** 2ml/Cow/Day = 500 cows/litre

When cows are dosed at 4ml/cow/day in the peak demand period they receive:

<b>Copper</b>	150mg	<b>Iodine</b>	6mg
<b>Zinc</b>	80mg	<b>Cobalt</b>	2mg
<b>Selenium</b>	4mg		



### 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.

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