

Dairy Cow Trace Mineral Supplementation Options

		Rumigro® NZ Water Soluble	Rumigro® Water Soluble North Island	Rumigro® with Selisseo	Milk Quality, Health Fertility Trace Mineral™ Premix	Selisseo (Selenium) for Water Dosing / Mixer Wagon
Trace Mineral or (Vitamin)	DAIRY NZ Standard Guidelines (per cow per day)	WATER or FEED	WATER or FEED	FEED	FEED	
Suggested Dose Per Day		5g	5g	2.5g	10g	
Selenium (Se)	5mg	4mg	4mg	3.5mg (from Selisseo™)	7mg (from organic selenium - Selisseo™)	
Iodine (I)	50-60mg	20mg	20mg	7.5mg	7.5mg	
Copper (Cu)	250-400mg	100mg	100mg*	75mg	125mg total (25mg organic Cu)	
Cobalt (Co)	8-10mg	10mg	10mg	17.5mg	5mg total (2.5mg organic Co)	
Zinc (Zn)	750mg	300mg	300mg**	400mg	560mg total (187mg organic Zn)	
Manganese (Mn)				40.2mg		
Boron (B)				2.4mg		
*Biotin					20mg	
		Designed to be doubled where needed	Designed to be doubled where needed			
			*Copper Glycinate **Zinc Glycinate			
DELIVERED COST PER KG						
DOSE RATE / COW / DAY	Dose Rate: _____					

ASK ABOUT CUSTOM MADE OPTIONS TO SUIT YOUR OPERATION

For specific advice please consult your nutrition specialist.

Dose rates are 'suggested above' but these can be adapted to meet operational needs & budget.

Suitable for milking goats too, please enquire regarding dose rates.





Mineral/Vitamin Descriptions

SELENIUM (sourced from Selisseo® - 100% biologically active hydroxyselenomethionine)

In selenium deficient animals, Selisseo® may improve fertility, reduce somatic cell counts, reduce mastitis, increase antioxidant status, and increase milk protein. Selisseo® is an extremely popular selenium supplement in NZ, due to the immediate visible impact on health, fertility, and milk quality.

*Selenium from sodium selenite - Rumigro Water Soluble - North Island / NZ.

COBALT

Ruminants require daily intake of cobalt for rumen microbes to manufacture vitamin B12. Vitamin B12 maintains nervous system, is involved in energy metabolism and promotes red blood cell synthesis. Some regional New Zealand soils are low in cobalt. Cobalt deficiency in New Zealand was diagnosed in the 1930's as 'Bush Sickness', and presents as ill thrift.

COPPER

Copper deficiency has an impact on the nervous system, fertility, retained placenta, decreased milk production, impaired immune function. Supplementation with selenium can reduce serum copper. Providing organically bound copper helps to enhance its absorption.

IODINE

Absorption of Iodine (from both organic and inorganic forms) is very efficient. Deficiency has an impact on hoof health, retained placenta, abnormal oestrus, foetal death, reduced milk yield, and reduced feed intake.

MANGANESE

Manganese is not universally supplemented in New Zealand, however manganese deficiency can contribute to low fertility, nervous and weakness disorders, bone malformation and impaired glucose tolerance. Manganese is recognised as the least toxic of trace minerals and is necessary for utilisation of biotin.

ZINC

Essential for skin, bones and hair. Affects growth, development, bone and blood formation. Essential for functioning of reproduction and fertility. Zinc has an antioxidant effect in protecting membranes. Providing organically bound zinc helps to enhance its absorption.

BIOTIN (sourced from Adisseo Biotin 2%)

Biotin/Vitamin H is well known for being important in maintenance of keratin (hoof horn) and hoof health. Poor hoof strength and integrity can lead to laminitis, lameness, and subsequent losses in milk production. Biotin is also required for normal function of the thyroid gland. All cells contain Biotin.

