

“A finer approach to minerals.”

We manufacture our own mineralized licks,
so we know what goes into them.
No shortcuts here.

Fodder beet mineralized salt supplement and our
other mineralized salt licks are formulated to
immediately address mineral deficiencies.

A cost effective way to enhance animal condition.



MINERALIZED SALT LICK WITH
EXTRA PHOSPHORUS FOR CATTLE
ON **FODDER BEET**



Fodder beet mineral supplement

Mineralized salt lick in 25 kg bags.

To be used as a nutritional supplemental aid for dairy
cows and other cattle on partial fodder beet diets.

Price per ton (40 bags):

\$1172.80

Price per half ton (20 bags):

\$628.60

Price per single bag:

\$35.22

Prices are plus GST ex Timaru.

Available nationwide
FOR MORE INFORMATION
PHONE 0800 222 203

www.mainlandminerals.co.nz

126 Meadows Road,
Washdyke, Timaru.

Email: timaru@mainmin.co.nz

See inside for details on
formulation and mineral information.

Why use a mineralized salt lick?

✓ Minerals play a role in animal health and enhanced performance, including disease resistance, fertility, healthy newborns, milk production, weight gain, growth rates and skeletal development.

✓ The main purpose of a mineralized lick is to act as a nutritional supplement, filling the gap between animals and a feed quality deficiency.

✓ Mineralized licks are intended to compensate for an inherent or seasonal lack of certain minerals, as well as for the frequent and sometimes rapid changes that occur in pasture mineral levels.

✓ Mineralized licks from Mainland Minerals are palatable to livestock and are formulated to contain specific major and trace elements.

DOSAGE: This product is for cattle only. Dose: Up to 100 grams per cow per day. Feed in suitable containers and ensure all animals get adequate access to this product. Do not overdose.

Dosage may need to be varied, depending on animal type, conditions and the total diet including the amount of fodder beet fed. In the total diet, excess selenium and copper must be avoided. If needed, consult a nutritional advisor or company representative.

In more extreme phosphorus deficiency cases, on a fodder beet diet, additional phosphorus may need to be added to the diet (e.g. in the form of dicalcium phosphate).

THIS PRODUCT IS NOT FOR USE IN SHEEP.

Points to remember

- Minerals should be in balance in the total diet.
- Animal mineral requirements depend on factors including age, growth rates, production levels and disease challenges.
- Dietary balance is important. In addition to a deficiency, an excess of certain minerals can also cause problems.
- Signs of deficiencies are not always specific for any one mineral. For example, rough hair coats or bone problems may result from a deficiency in any one of several minerals.
- Mineral deficiencies or excesses are not the only cause of performance problems in livestock.
- Although mineral deficiencies may induce specific clinical symptoms, more common effects can be lower growth, lower milk production or reduced conception and birth rates.

COMPOSITION OF LICK AND MINERAL FUNCTION

Formulated to contain on average (per 100 gram dose, as fed):

For animal use only. Not for human consumption.

 8.5 gr	CALCIUM (Ca) Role: Essential for sound bone growth, sound teeth, proper function of heart, nervous and muscular system functions. An important constituent of blood. Calcium, phosphorus and magnesium interact in the animal. Deficiency symptoms may include: Poor bone growth, poor teeth, arthritis, milk fever, downer cows, poor muscle tone, depressed appetite, lower milk production.	 125 mg	COPPER (Cu) Role: Essential for good animal health and performance, immune system/disease resistance, iron metabolism, nervous system, fertility, healthy coats, sound bones, hoof health. Deficiency symptoms may include: Poor growth, low weight gain, ill-thrift, reduced disease resistance, swayback (enzootic ataxia), anaemia, bone problems, impaired fertility, scours, poor coats, susceptibility to foot problems.
5 gr	PHOSPHORUS (P) Role: Essential for animal growth, sound bone structure and growth, sound teeth, protein synthesis, energy metabolism, carbohydrate metabolism, fat metabolism, enzyme systems, cellular functions. Acts as buffer in body fluids. An important constituent of blood. Phosphorus and calcium constitute a major part of the mineral matter in body tissues. Deficiency symptoms may include: Poor growth, ill-thrift, depressed appetite, depraved appetite, bone problems, rickets, fertility problems, lower milk production.	220 mg	ZINC (Zn) Role: Involved in many functions, including immune system, fertility, growth, protein synthesis, carbohydrate metabolism, fat metabolism, healthy skin and coat, tissue repair, hoof health, enzyme systems. Deficiency symptoms may include: Lower disease resistance, impaired fertility, reduced appetite, poor growth, skin problems, poor coats, susceptibility to foot problems.
3.4 gr	MAGNESIUM (Mg) Role: Essential for nerve and muscle functions, sound bone growth and health, cellular energy metabolism. Involved in many enzyme systems. Deficiency symptoms may include: Grass tetany (staggers), nervous erratic behaviour, reduced feed intake, lower milk production, reduced weight gains, irregular bone growth.	14 mg	IODINE (I) Role: Essential component of thyroid hormones, regulating metabolic activity throughout the animal. Important in fetus and newborn survival, heat metabolism, energy metabolism, protein metabolism, carbohydrate metabolism, fat metabolism, fertility, disease resistance, general thrift, growth rates. Deficiency symptoms may include: Goitre, low fetus and newborn survival, lower metabolism, lethargy, ill-thrift, poor growth, lower disease resistance, impaired fertility, poor coats.
8.5 gr	SODIUM (Na) Role: Essential for cellular osmotic balance, acid-base balance, nerve function, muscle contractions, major component of saliva which buffers ruminal acids. Aids in balancing excess potassium problems. Deficiency symptoms may include: Salt craving, depraved appetite, reduced appetite, weight loss, reduced growth, ill-thrift, rough coats, lower milk production.	2 mg	COBALT (Co) Role: Essential for vitamin B12 production in the rumen. Vit. B12 is involved in the animal's energy metabolism, protein metabolism, growth, healthy red blood cells, immune system, nervous system. Deficiency symptoms may include: Reduced appetite, poor growth, ill-thrift, wasting, anaemia, rough coat, lower fertility, lower milk production.
Other mineralized salt licks available: MMX Multi mineral DXM Multi mineral with extra magnesium DXM+ Multi mineral with extra magnesium, copper, zinc & iodine		1 mg	SELENIUM (Se) Role: Important for immune response, cellular antioxidant systems, healthy muscles, fertility. Functions in association with vitamin E. Deficiency symptoms may include: Weakened immune system, white muscle disease, muscular dysfunction and wasting, weight loss, slow growth, ill-thrift, fertility problems, low newborn survival, poor coats.