

INCREASE YOUR PROFIT

Mighty-Min

Cattle - Sheep - Goats - Alpacas



WHY USE MIGHTY-MIN

Organically Stabilised MINERAL SUPPLEMENT MIXTURE?

If animals are showing signs of deficiency, Mighty-Min Mineral Supplement Mixture when administered promptly will aid in the correction of scouring and help improve animal performance.

BEST TIMES TO USE Mighty-Min MINERAL SUPPLEMENT MIXTURE

- **Before Loss of Production**
- When you want maximum weight gain & growth
- Change of season or weaning
- Pre mating
- Change of pasture intake

In the past and even now a large amount of supplemented trace elements administered to livestock have not been retained in the animal. This has not allowed full value of the trace elements to be utilised by the animal.

MIGHTY-MIN Mineral Supplement Mixture's unique formulation has overcome these problems. This aids the retention of the trace elements in the animal's system for a far greater period.

EASE OF ADMINISTRATION Cutting time & stress to livestock

You can successfully administer

- Orally at the recommended dose
- In the trough or tank using the "Floater Doser"
- Direct into the water supply line using a WPC manufactured "in line medicator"
- Manually into the water tank/ trough
- Mixed with supplementary feed



Healthier soil, Healthier plants...

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Mighty-Min[®] about the Organically Stabilised trace minerals in this supplement

ZINC: Zinc is an important mineral for fertility and growth of young livestock.

Deficiency symptoms include: Poor fertility, slow recycling, poor weight gain in young livestock.

SELENIUM: Selenium deficiency is one of the main causes of what stockmen call "White Muscle Disease"

Deficiency symptoms include: Un-thriftiness, pale skin in sheep, weight loss in all stock, drastic decrease in lambing percentages.

CALCIUM: is required for skeletal strength, and is important for milk production. **Deficiency symptoms include:** Milk fever, Tetany.

COBALT: Cobalt is required in ruminants for the manufacture of Vitamin B12. **Deficiency symptoms include:** Cobalt deficiency can be observed by weight loss, lack of vitality, extremely pale skin in sheep, rough coat in cattle, increased number of "poor doers".

COPPER: Copper is one of the main promoters of production for weight gain, strength, fleece growth & quality, reproduction & skeletal strength. **Deficiency symptoms include:** (a) IN SHEEP - harsh steely wool, scouring, pale skin, infertility, (b) IN CATTLE rough coat, loss of condition, loss of natural colour in coat, eg; black coat will show a rusty appearance, red coat will show a yellow appearance, scouring and reduced growth weight.

MANGANESE: Manganese is very important for fertility and reproduction. **Deficiency symptoms include:** The first signs of deficiency is abnormalities in young calves and lambs, also in decreased conception rates.

IODINE: Iodine directly affects thyroid gland secretions which to a great extent control heart action, nerve response, rate of body growth and metabolism. **Deficiency symptoms include:** Premature and still born calves and lambs.

LIQUID KELP: Gives an immediate response and adds extra natural trace element minerals for the benefit of the animal.

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Cattle & Sheep

6.5	
Typical Analysis for Each Litre	
Cobalt (Co)	3.0g
Selenium (Se)	1.1g
Sulphur (S)	27.0g
Copper (Cu)	6.5g
Zinc (Zn)	8.5g
Manganese (Mn)	6.5g
Iodine (I)	0.11g
Magnesium (Mg)	2.5g
Micro Fine Liquid Kelp	
Stabilizers Flavouring	

Regular

LONG RETENTION PERIOD

In the past, and even now a large amount of supplemented trace elements administered to livestock have not been retained in the animal. This has not allowed full value of the trace elements to the animal.

Mighty-Min Mineral Supplements mixture by it's unique formulation has overcome these problems. This helps with the retention of the trace elements in the animal's system for a far greater period.

Mighty-Min Mineral Supplements mixture uses quality ORGANIC STABILISATION materials, some in the form of Lignosulphonates and Liquid Kelp to achieve a safe and effective mineral supplement product that can last in the system of the animal for the longest possible time.

This product manufactured & sold to comply with APVMA Veterinary Guideline No.8

Cattle Only

8.5	
Typical Analysis for Each Litre	
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Micro Fine Liquid Kelp	
Stabilizers Flavouring	

for Copper Deficient Areas

Chelation and Mighty-Min supplements

The word CHELATION is derived from the Greek word 'chele', meaning CLAW. Pronounced KEY-LAY-SHUN.

The chemical definition is: To firmly bind a metal ion with an organic molecule (ligand) to form a ring structure. The resulting ring structure protects the mineral from entering into unwanted chemical reactions.

A German scientist named Werneer discovered chelation in 1893. It wasn't until 1920 that two other scientists, Morgan and Drew, named the process 'CHELATION'.

Mighty-Min chelated minerals for utilisation by the animal are those that have been bonded to two or more amino acids from hydrolyzed protein. Mighty-Min mineral supplements in this chelated form allows easy passage through the intestinal wall into the blood stream of the animal, resulting in increased metabolism of each specific mineral.

DOSING GUIDE Dairy & Beef Cattle

Frequency of Dose in weeks	Live Body Weight Kg	Dose in mL	No. Animals treated per 20 litres
4	at 1 month	5 ml	4000
4	50 to 100	10 ml	2000
4	101 to 150	15 ml	1330
4	151 to 200	20 ml	1000
5	201 to 250	25 ml	800
5	251 to 300	30 ml	660
5	301 to 350	35 ml	570
6	351 to 400	40 ml	500
6	401 to 450	45 ml	440
6	451 and over	50 ml max	400

DOSING GUIDE Sheep - Lambs & Hoggetts

Do not administer to sheep more than once every 6 (six) weeks or as directed by a veterinary surgeon	Lambs & Hoggetts		
		5 ml	4000
	Adult Sheep	10 ml	2000
	Rams	12 ml	1660