

AHD LTD ULTRA-MIN

ESSENTIAL VITAMIN AND TRACE
ELEMENT LIQUID DRENCH FOR
IMPROVED CATTLE PRODUCTION



WHY USE ULTRA-MIN?

Cattle require energy, protein, water, vitamins and minerals in suitable amounts to provide adequate nutrition.

Although minerals are required in small amounts for optimum beef cattle health, a deficiency can cause significant reductions in growth, immune function and reproduction.

Forage is an economical source of nutrients; however, feed quality and mineral content can vary widely, appropriate supplementation such as administering Ultra Min may be necessary to meet nutritional requirements.

Young, actively growing forages and legume blends can often meet the nutritional requirements for normal growth and maintenance of cattle herds. Mature pastures, crop residues, or other low -quality forages may have reduced nutritive value, requiring supplementation of protein, energy or additional vitamins and minerals to maintain optimal health.

Minerals are required for several functions

- Skeletal development, bone, tooth formation and maintenance
- Energy, growth, immunity and reproduction
- Milk production
- Nervous system function and carbohydrate metabolism

PRODUCT BENEFITS

Ready-to-use (RTU) liquid supplement aids in:

- > Improving overall stock health and vigour
- > Fertility performance
- > Livestock survival



Beef cattle typically require ten trace minerals and these microminerals are required in relatively small amounts. These trace minerals are Chromium (Cr), Cobalt (Co), Copper (Cu), Iodine (I), Iron (Fe), Manganese (Mn), Selenium (Se) and Zinc (Zn)

Ultra Min contains 4 of these trace minerals, Cobalt, Zinc, Iodine, and Selenium, plus Vitamin AD &E are fat soluble and are stored in the animal's fat tissue and liver and released over a prolonged period.

A. Crucial for sight, skin and growth

D. Calcium absorption, bone health and appetite

E Antioxidant that supports the immune system.

There are also several interactions that can occur between minerals, vitamins and water or feed sources that can limit availability or absorption. As a result, the minerals that are available to the cattle may be much lower than anticipated because of these interactions. Therefore, even though mineral concentrations found in forages may appear to be sufficient, availability to the animal may be significantly less. This can cause deficiencies which may not be noticed by producers until a significant reductive or health issue occurs.

There is no "one size fits all" mineral type or program.

Ultra Min supplies the ultimate mix of minerals and vitamins that are proven to be absorbed and fully utilised by the animal.

Each cattle farming operation is unique, identifying nutritional and mineral deficiencies early before the animal health and profitability is compromised is the key.

Ultra Min is suitable for classes of beef cattle from calves, weaners, yearlings R2 through to breeding cows

All minerals except for the Iodine which is an organic source are inorganic minerals.

DOSE RATES:

CATTLE

Cows	20 ml
Calves	5 ml

READY TO USE SOLUTION 5ml DOSE CONTAINS:

Vitamin and Trace Element	Amount
Cobalt (as Cobalt Sulfate)	8mg
Zinc (as Zinc Sulfate)	6mg
Iodine (as EDDI)	200mg
Selenium (as Sodium Selenate)	2mg
Vitamin A	20,000ui
Vitamin D	2,000ui
Vitamin E	2mg

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