

MULTIABB™ TRACE MINERAL INJECTION FOR CATTLE

ACTIVE CONSTITUENTS: 40g/L ZINC (as Disodium Zinc EDTA), 15g/L COPPER (as Disodium Copper EDTA), 10g/L MANGANESE (as Disodium Manganese EDTA), 5g/L SELENIUM (as Sodium Selenite)

Support nutrition. Optimise profit.

Multiabb™ has been designed to deliver a balanced trace-mineral supplementation program, suitable for conditions throughout much of Australia.

- Multiabb™ contains selenium, zinc, copper and manganese, which are all required for optimal health, production and fertility
- Sub-optimum trace mineral status at calving, mating and drying off has been shown to negatively impact production, reproduction and health
- Using an injectable trace element supplement can improve trace mineral status at these critical times



Promote a healthy immune system, disease resistance and a positive impact on reproduction

MULTIABB™	
Active Constituents	15g/L COPPER (as Disodium Copper EDTA), 10g/L MANGANESE (as Disodium Manganese EDTA), 5g/L SELENIUM (as Sodium Selenite), 40g/L ZINC (as Disodium Zinc EDTA)
Species	Cattle
Dose Rate	Up to 1 year = 1mL / 50kg 1 - 2 years = 1mL / 75kg Over 2 years = 1mL / 100kg
Administration	Subcutaneous Injection
Withholding Periods	
Meat	Zero (0) days
Milk	Zero (0) days
Australian Owned	Yes

MULTIABB™ is a trademark of Abbey Laboratories Pty Ltd

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Chelated trace element injection for beef and dairy cattle deficient in and/or responsive to manganese, zinc, selenium and/or copper supplementation.

INDICATIONS

MULTIABB™ contains selenium, zinc, copper and manganese, which are required for optimal health, production, and fertility. Sub-optimum trace mineral status at calving, mating and drying off has been shown to negatively impact production, reproduction and health. Optimising trace element status relying solely on oral supplements is often not possible as a result of variation in individual intake and reduced absorption because of antagonism of other ration components and minerals to these essential trace elements.

Using an injectable trace element supplement can improve trace mineral status at these critical times, promoting a healthy immune system, which is important in resisting disease, and having a positive impact on reproduction.

DIRECTIONS FOR USE

Contraindications

Excessive copper is toxic. This product is contraindicated for use unless copper deficiency is confirmed.

This product is contraindicated for use when selenium intake from pasture is high or selenium is provided by other means (such as top dressing, vaccine, pellets or selenium drenches) or if blood selenium levels at treatment are high.

Users can determine selenium status by consulting their veterinarian.

This product is contraindicated for use in animals that are dehydrated or unwell.

Precautions

Do not administer to severely debilitated or stressed animals.

Do not treat thirsty or exhausted cattle. Allow animals access to water after treatment.

Do not administer to animals suffering from liver disease.

Minerals such as copper, cobalt, selenium, iron, manganese and molybdenum compete with each other for metabolically important processes in the animal. Users should seek veterinary advice before treatment.

Side effects

Slight local swelling may occur for about 30 seconds after injection. A slight swelling may be observed for a few days after administration.

DOSAGE AND ADMINISTRATION

DAIRY AND BEEF CATTLE

WARNING: THIS PRODUCT MUST NOT BE APPLIED AT A RATE GREATER THAN THE AMOUNT SHOWN ON THE LABEL.

Use only in cattle by subcutaneous injection. Following withdrawal of the first dose, unused product should be discarded after 9 months.

Selenium	Zinc	Copper	Manganese
• Normal growth • Reproduction/fertility • Preventing cellular oxidation • Placental retention • Disease resistance • Embryo survival • Spermatogenesis • Muscle function	• Reproduction/fertility • Udder function • Placental retention • Disease resistance • Hoof health • Skin and coat health • Cell division • Spermatogenesis • Lung function • General growth and metabolism • Bone and cartilage development • Wound healing	• Reproduction/fertility • Placental retention • Disease resistance • Hoof health • Blood formation • Bone development • Iron metabolism • Maintenance of elastic connective tissue	• Reproduction/fertility • Ovulation • Disease resistance • Embryo survival • Protein metabolism • Spermatogenesis • General metabolism • Bone, cartilage and connective tissue development • Normal blood clotting • Maintaining normal growth • Lactation

Animal Age Injection	Dose rate
Up to 1 year	1.0mL / 50kg
From 1 - 2 years	1.0mL / 75kg
Over 2 years	1.0mL / 100kg

Supplementation Program

Bulls:	3 months before joining At joining
Beef Cows:	4 weeks before mating 4 weeks before calving
Dairy Cows:	4 weeks before calving 4 weeks before mating or insemination 4 weeks before drying off
Calves:	At marking At weaning
Heifers:	Every 3 months 4 weeks before mating
Additional:	Every 2 months in wet conditions

GENERAL DIRECTIONS

Wash injection equipment in clean water immediately following use. Check the accuracy of the applicator before and during treatment. Caution: avoid carcass damage

1. Sterilise all injection apparatus by boiling (or equivalent) before use. Avoid use of strong disinfectants on apparatus.
2. Maintain cleanliness at all times.
3. Keep needles sharp and clean. Replace frequently.
4. Use shortest needle possible, certainly not exceeding 15mm.
5. As far as possible avoid injection of animals during wet weather or under dusty conditions.
6. This product should be injected only under the skin.
7. If possible inject high on the neck behind the ear.

WITHHOLDING PERIODS

MEAT: Zero (0) days

MILK: Zero (0) days

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI): Zero (0) days. Before using this product, confirm the current ESI from Abbey Animal Health Pty Ltd on 02 8088 0720 or the APVMA website (www.apvma.gov.au/residues).

SAFETY DIRECTIONS

May irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

DISPOSAL

Dispose of container by wrapping with paper and putting in garbage.

Discarded needles/sharps should immediately be placed in a designated and appropriately labelled 'sharps' container.

STORAGE

Store below 25 °C (air conditioning) in original container, in a dry place. Protect from light. Keep container well closed. Do not freeze.

APVMA Approval Number: 93152/152779



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