# Cattle Bolus COSECURE<sup>™</sup> Continuous Release Intraruminal Device



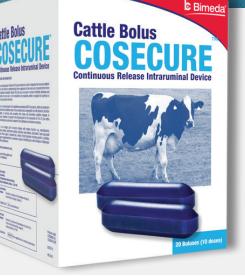


## Unique and Revolutionary Continuous-Release Cattle Boluses

Copper, Cobalt and Selenium nutritional supplement in a slow release glass bolus for ruminating cattle effective for up to 6 months.

- Proven to significantly improve energy utilisation<sup>1</sup>
- Unique and revolutionary soluble glass technology
- Slow, constant release of elements for up to six months
- Unique ionic copper formulation
- Cost effective

1u	COSECURE™
ACTIVE CONSTITUENT	13.4g COPPER
	0.5g COBALT
	0.3g SELENIUM
SPECIES	Cattle
DOSE RATE	2 boluses
ROUTE OF ADMINISTRATION	Oral Administration
WITHHOLDING PERIODS	
Meat	NIL
Milk	NIL
ESI	Not established



#### ACTIVE CONSTITUENTS: 13.4g COPPER, 0.5g COBALT, 0.3g SELENIUM

For prevention and treatment of copper and selenium deficiencies and for improvement of cobalt supply in cattle.

#### Reference

1. Cerone SI, Sansinanea AS, Streitenberger SA, Garcia MC, Auza NJ. Cytochrome c oxidase, Cu,Zn-superoxide dismutase, and ceruloplasmin activities in copper-deficient bovines. Biol Trace Elem Res. 2000 Mar;73(3):269-78. doi: 10.1385/BTER:73:3:269. PMID: 11049217.

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Global Excellence in Animal Health





### ACTIVE CONSTITUENTS: 13.4g COPPER, 0.5g COBALT, 0.3g SELENIUM

Copper, Cobalt and Selenium nutritional supplement in a slow release glass bolus for ruminating cattle effective for up to 6 months.

#### **DIRECTIONS FOR USE**

#### Contraindications

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), if blood selenium levels at treatment are high. Users can determine selenium status by consulting their veterinarian.

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

This product is contraindicated for use unless cobalt deficiency is confirmed.

Do not administer additional copper orally or by injection, or selenium by injection, while the boluses are still active (6 months), unless advised by a veterinarian.

Do not use any damaged or discoloured bolus.

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

This product is contraindicated for use in non-ruminating calves.

This product is contraindicated for use in cattle less than 5 months of age.

This product is contraindicated for use in cattle less than 150 kg body weight.

#### Precautions

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.

The use of aids to dissolution of the bolus such as steel grinders or grub screws is contraindicated.

Rapid disintegration of the COSECURE Cattle Bolus Continuous Release Intraruminal Device may occur if used in conjunction with other ruminal devices. This rapid disintegration could lead to selenium toxicity.

#### **DOSAGE AND ADMINISTRATION**

For oral administration only.

Administer using the COSECURE<sup>™</sup> Cattle Bolus Continuous Release Intraruminal Device applicator and follow full instructions supplied with the applicator.

Ruminating calves (over 5 months and 150 kg bodyweight) and growing and adult cattle: 2 boluses.

Boluses may crack if warmed too quickly.

Boluses must be at room temperature prior to administration.

Give orally by the COSECURE<sup>™</sup> Cattle Bolus Continuous Release Intraruminal Device applicator which delivers the bolus directly into the top of the gullet. Great care should be taken not to cause any injury by rough handling or by placing the gun too far inside the throat of the animal. Ensure that each animal has swallowed the bolus by holding the mouth closed and observing the animal for a short time after dosing. To minimise the risk of regurgitation, avoid rough handling of the animals after dosing.

#### **GENERAL DIRECTIONS**

Use COSECURE<sup>™</sup> Cattle Bolus Continuous Release Intraruminal Device where deficiencies of the elements are known to occur. In cases where the trace element status of a herd is uncertain or where profound trace element deficiencies exist, veterinary advice should be sought before dosing animals with COSECURE Cattle Bolus Continuous Release Intraruminal Device.

#### WITHHOLDING PERIOD

NIL

#### **SAFETY DIRECTIONS**

May irritate skin. Avoid contact with skin and wash hands after use.

Persons sensitive to cobalt should wear gloves when handling the boluses.

#### **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126.

#### DISPOSAL

Dispose of empty containers by wrapping with paper and putting in garbage. Unused or regurgitated boluses should be disposed of in a disposal pit specially marked and set up for this purpose clear of waterways, vegetation and roots.

#### STORAGE

Store below 30°C (room temperature) in the original container in a dry place.

APVMA Approval No: 48197/130223 COSECURE™ is a trademark of Bimeda

Product Code: COSC100