

READ THE DIRECTIONS PRINTED ON THE INSIDE OF THIS SLEEVE BEFORE USING THIS PRODUCT.

CUT OPEN ALONG DOTTED LINE

TRACE ELEMENT BOLUSES FOR CATTLE

Contents: 20 x 107g Boluses (10 Doses)

DISPOSAL

Break or crush empty containers, wrap with paper and place in garbage.

STORAGE

Store below 30°C (Room temperature). Store in a cool, dry place, out of direct sunlight. After use, any remaining boluses should be resealed in the polystyrene pack with adhesive tape and stored in a cool dry place.



Dose: Two whole, undamaged All-Trace boluses per animal for all classes of cattle over 150 kg. The dose may

vary. **Restraints** DO NOT USE unless trace element deficiencies are known to occur as unwarranted use may result in unacceptable tissue residues or toxic effects.

Directions for use DO NOT administer to cattle grazing pasture known to be high in selenium or where selenium accumulating plants are known to occur (eg. SE Queensland).

To avoid overdosing DO NOT administer additional mineral or vitamin supplements or treatments during the active life of the bolus unless under veterinary advice.

Precautions DO NOT administer All-Trace boluses to cattle of less than 150 kg or under 5 months of age as smaller animals may experience some difficulty in swallowing the bolus. When administering to young animals, extra care should be taken to ensure that no damage is done to the animal's mouth and throat.

WITHHOLDING PERIODS
MEAT: NIL
MILK: NIL

Note: If during administration, the protective coating on the bolus should become chewed or damaged, the bolus will dissolve at a faster rate. Care should be taken not to drop the bolus onto a hard surface.

DO NOT administer All-Trace boluses to cattle of less than 150 kg or under 5 months of age as smaller animals may experience some difficulty in swallowing the bolus. When administering to young animals, extra care should be taken to ensure that no damage is done to the animal's mouth and throat.

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ALL-TRACE TRACE ELEMENT BOLUSES FOR CATTLE

Contents: 20x107g BOLUSES (10 Doses)



TRACE ELEMENT BOLUSES FOR CATTLE

FOR BOVINE USE ONLY

Please refer to the directions printed on the inside of the sleeve

ALL-TRACE TRACE ELEMENT BOLUSES FOR CATTLE

	Active constituents of each 107 g bolus:	Daily dose from two boluses
Copper	16500 mg	138.0 mg
Cobalt	240 mg	2.0 mg
Selenium	245 mg	2.0 mg
	Also contains in each 107 g bolus:	Also provides in each daily dose of two boluses:
Vitamin A	475000 i.u.	3958.0 i.u.
Vitamin D3	93000 i.u.	775.0 i.u.
Vitamin E	925 i.u.	7.7 i.u.
Manganese	8880 mg	71.0 mg
Zinc	13550 mg	113.0 mg
Iodine	252 mg	2.1 mg
Sulphur	6690 mg	57.0 mg

As an aid in the prevention of trace element deficiencies in grazing cattle



Distributor:
Pacific Biologics,
35 Beach Street,
Kippa-Ring, QLD 4021

Tel: (07) 3283 5077

Batch No.:

Expiry Date:

APVMA Approval No.:



FOR ANIMAL TREATMENT ONLY

ALL-TRACE

TRACE ELEMENT BOLUSES FOR CATTLE

Active constituents of each 107 g bolus:

Copper	16500 mg
Cobalt	240 mg
Selenium	245 mg

Daily dose from two boluses:

138.0 mg
2.0 mg
2.0 mg

Also contains in each 107 g bolus: Also provides in daily dose of two boluses:

Vitamin A	475000 iu	3958.0 iu
Vitamin D	93000 iu	775.0 iu
Vitamin E	925 iu	7.7 iu
Manganese	8880 mg	71.0 mg
Zinc	13550 mg	113.0 mg
Iodine	252 mg	2.1 mg
Sulphur	6690 mg	57.0 mg

As an aid in the prevention of trace element deficiencies in grazing cattle

All-Trace Trace Element Boluses for Cattle contain trace element, vitamin and mineral materials coated with an inert polymer resin over the whole surface, except for one open end. After dosing, the boluses settle in the reticulum and gradually dissolve from the uncoated end, partly by dissolution and partly by abrasion of one bolus against the other. The boluses dissolve completely over eight months and leave no residue in the reticulum. All-Trace has an active life of 240 days.

DIRECTIONS FOR USE

Restraints

DO NOT USE unless trace element deficiencies are known to occur as unwarranted use may result in unacceptable tissue residues or toxic effects.

To avoid overdosing **DO NOT** administer additional selenium, copper, cobalt, or other trace element, mineral or vitamin supplements or treatments during the active life of the bolus unless under veterinary advice.

DO NOT administer to cattle grazing pasture known to be high in selenium or where selenium accumulating plants are known to occur (eg. SE Queensland).

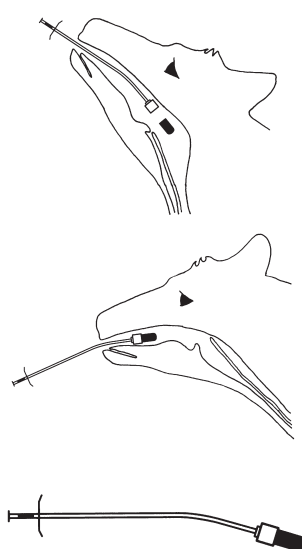
Dosage and administration: Two whole, undamaged All-Trace boluses per animal for all classes of cattle over 150 kg using a Pacific Biologics approved applicator. See instructions below.

The dose may be repeated every eight months if required.

ANIMAL WEIGHT	APPLICATION INSTRUCTIONS
Cattle > 250 kg	Insert the flat end of the first bolus into the twin bolus metal applicator using the flat end of the second bolus until both boluses are pushed in as far as they will go. Pass the gun carefully and gently into the front of the animal's mouth until the head of the gun is over the back of the tongue. Avoid severe pressure on the tongue. Depress the plunger to deliver the boluses, thereby initiating a swallowing action. Carefully withdraw the applicator while maintaining its central position in the mouth.
Cattle 150 - 250 kg	<i>Administer each bolus separately</i> - Load by inserting the flat end of the first bolus into the open end of the single bolus metal applicator or twin bolus metal applicator so that the smooth, domed head of the bolus enters the animal's mouth first. Take care not to damage the animal's throat. Once first bolus is successfully swallowed, administer the second bolus using the same procedure.

General Directions

- It is desirable when administering the All-Trace bolus that the head and neck of the animal are extended in a straight line. Once the bolus has been introduced onto the back of the tongue by means of the gun, its further progress will depend on the reflex swallowing of the animal. Any restraint which interferes with this action is likely to reduce the chances of proper administration.
- Restraint in cattle is best provided by means of the cattle crush. Avoid use of too severe a restraint, such as gripping the tongue or raising the nose too high by means of bulldogs etc., as this may interfere with swallowing. Before releasing the animal, watch for a few moments to ensure that the bolus has been swallowed.
- The length and/or curvature of the gun are designed to facilitate the placing of the All-Trace bolus on the back of the tongue and under no circumstances must the head of the gun be maintained in an upright plane in the mid line of the mouth throughout the operation.
- Regurgitation of boluses can occur at any stage following administration, but experience has shown that the incidence is usually of a low order and is more likely to be encountered towards the end of the active life of the bolus.



<p>WITHHOLDING PERIODS MEAT: NIL MILK: NIL</p>

Disposal: Break or crush empty containers, wrap with paper and place in garbage.

Storage: Store below 30°C (Room temperature). Store in a cool, dry place, out of direct sunlight. After use, any remaining boluses should be resealed in the polystyrene pack with adhesive tape and stored in a cool dry place.

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