



Product Name: ALL-TRACE TRACE ELEMENT BOLUSES FOR CATTLE  
APVMA Approval No: 46326/127802

Label Name:	ALL-TRACE TRACE ELEMENT BOLUSES FOR CATTLE
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Signal Headings:	FOR ANIMAL TREATMENT ONLY
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Constituent Statements:	<p>Each 107g bolus contains: 16509 mg COPPER (as Copper oxide) 249 mg SELENIUM (as Sodium selenite) 240 mg COBALT (as Basic cobalt (II) carbonate)</p> <p>Other ingredients (per bolus): 13,630 mg ZINC (as Zinc oxide and Zinc sulphate) 8888 mg MANGANESE (as Manganese sulphate) 519 mg IODINE (as Calcium iodate)</p>
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Claims:	<p>As an aid in the prevention of trace element deficiencies in grazing cattle.</p> <p>ALL-TRACE Cattle boluses 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 Cattle has an active life of 240 days.</p>
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Net Contents:	20 x 107g Boluses (10 doses)
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Directions for Use:	
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Restrictions:	DO NOT USE unless trace element deficiencies are known to occur as unwarranted use may result in unacceptable tissue residues or toxic effects.
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Contraindications:	<p>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.</p> <p>Excessive copper is toxic. This product is contraindicated for use unless copper deficiency is confirmed.</p>
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	<p>This product is contraindicated for use unless cobalt deficiency is confirmed. This product is contraindicated for use in cattle that are dehydrated or unwell.</p> <p>SHOULD NOT BE ADMINISTERED TO CATTLE LESS THAN 5 MONTHS OF AGE.</p>
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Precautions:	<p>DO NOT administer All-Trace Cattle to cattle of less than 150 kg 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.</p> <p>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.</p>
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Side Effects:	
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Dosage and Administration:	<p>Two whole, undamaged All-Trace Cattle boluses per animal for all classes of cattle over 150 kg using a Pacific Biologics approved applicator.</p> <p>The dose may be repeated every eight months if required.</p> <p>See instructions below / See inside of sleeve for administration directions.</p> <p>This section contains file attachment.</p>
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General Directions:	<p>See attachment</p> <p>This section contains file attachment.</p>
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Withholding Periods:	<p>MEAT: Zero (0) days.</p> <p>MILK: Zero (0) days.</p>
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Trade Advice:	<p>Export Slaughter Interval (ESI): Zero (0) days.</p>
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Safety Directions:	
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First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.</p>
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First Aid Warnings:	
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Additional User Safety:	
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Environmental Statements:	
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Disposal:	Dispose of container by wrapping with paper and putting in garbage.
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Storage:	<p>KEEP OUT OF REACH OF CHILDREN Store below 30 °C (room temperature). Store in a cool, dry place, protect from light. After use, any remaining boluses should be kept in the original pack, sealed with adhesive tape and stored as directed.</p>
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## Dosage and Administration:

Two (2) whole, undamaged All-Trace Cattle boluses per animal over 150 kg using a Pacific BioLogics approved applicator.

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	<b>Administer each bolus separately.</b> 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 allowed to pass this point. It is essential that the gun is 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.

