



BIMEDA LAMB BOLUS APPLICATOR INSTRUCTIONS

DO'S

- ▶ **Do only use the Bimeda lamb** oesophageal insertion applicator.
- ▶ **Do remove** the boluses from the box and foil packaging the night before use, and store at room temperature.
- ▶ **Do warm** each bolus to body temperature, prior to inserting into lambs by placing a few boluses inside of clothing pockets.
- ▶ **Do adhere** to the administration rate of one bolus per lamb weighing under 30 kg BW which are ruminating and over 6 weeks of age (10 weeks in smaller breeds). Not suitable for lambs over 30 kg BW. Refer to product packaging and data sheet for complete administration information.
- ▶ **Do ensure** that boluses are administered carefully and gently to avoid causing any damage to the throat.
- ▶ **Do wear gloves** when handling the boluses, to reduce the risk of contact allergy.
- ▶ **Do mark** the lambs with a coloured spray or chalk on their back or head to indicate that they have been bolused (in case groups are mixed).
- ▶ **Do store** in a dry place. Once the package has been opened, if not used the next day, store unused boluses in the plastic tray in the original packaging, in an airtight container.
- ▶ **Do protect** boluses from frost.
- ▶ **Do only use** Cosecure boluses in cases where there is a **proven copper deficiency**. Only use when the copper and selenium levels in the diet is known. If in doubt, please consult your veterinarian.

REGURGITATION

Sheep belong to the ruminant classification of animals.

Ruminants are characterised by their four-chambered stomach and "cud-chewing" behaviour. The cud is a lump of food that is regurgitated, re-chewed, and re-swallowed.

Due to this normal behaviour it is possible for a small number of boluses to be regurgitated from lambs and found at a later date in the field.

To limit the regurgitation of boluses:

- ensure that the boluses are warmed prior to insertion,
- ensure to keep the head and neck straight during bolus administration,
- ensure that the lamb has swallowed the bolus,
- administer the boluses into lambs with an empty stomach,
- calmly hold the lamb in the pens for 1-2 hours after insertion, with access to water.

8APL026

1 Bolus



DO NOT

- ▶ **Do not put boluses in water before use.**
- ▶ **Do not insert** cracked, damaged or broken boluses into lambs.
- ▶ **Do not freeze.**
- ▶ **Do not proceed** if any resistance is felt when administered or damage to the throat may occur. Consult your veterinarian if you require support with administration.
- ▶ **Do not administer** any aids to alter dissolution of the bolus.
- ▶ **WARNING: Copper Toxicity in Lambs:** there is increased risk of copper toxicity associated with housed lambs and certain breeds.
- ▶ **Do not use** Cosecure boluses in lambs housed or to be housed when the product is still active.
- ▶ **Do not use** Cosecure boluses in continental breeds and Blue Faced Leicester's which are more prone to copper toxicity.
- ▶ **Do not administer until** the animals are ruminating.
- ▶ **Do not administer to lambs less** than 6 weeks (or until the animals are ruminating). In the case of smaller breeds, the dosing of lambs may have to be delayed until 10 weeks of age.
- ▶ **Do not administer additional** copper orally or by injection, or selenium by injection, within 6 months of administration unless subjected to a risk/benefit analysis performed by a responsible veterinarian in each case breeds and Blue Faced Leicesters which are more prone to copper toxicity.

COSECURE[®]

Legal Category: Complementary Dietetic Feed



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HOW TO ADMINISTER LAMB BOLUSES

STEP 1:

WARM THE BOLUS

- ▶ Remove boluses from foil pack and ensure they are at body temperature before administering.
- ▶ We recommend removing the boluses from all packaging (including the foil and plastic) the night before. Prior to administration place the boluses inside your pockets close to your body. **Never place boluses in warm or hot water.**
- ▶ The boluses use unique soluble glass technology which means that they are sensitive to sudden changes in temperature such as may happen when very cold boluses are swallowed by the animal.
- ▶ Failure to ensure the boluses are warmed prior to administration may result in the development of fine cracks which can alter the activity of the bolus and increase any risk of regurgitation.

STEP 2:

INSERT THE BOLUS INTO THE APPLICATOR

- ▶ Insert the bolus completely into the head of the applicator until the push rod is engaged.
- ▶ **Only use the Cosecure lamb oesophageal applicator.**
- ▶ To prevent the bolus falling out of the applicator, ensure the flat edge of the bolus is placed against the ridged edge in the applicator.

STEP 3:

INSERT BOLUS WITH CARE

- ▶ Bolusing, like the use of any oral applicator, can damage the throat if rushed or carried out without care.
- ▶ If the lamb's jaw or mouth seems too small or offers resistance, do not proceed. Wait for a few weeks or seek advice from your veterinarian or animal health advisor.
- ▶ Stand to the side of the animal and catch the animal by the jaw.
- ▶ Open the mouth by placing a hand into the side of the mouth.
- ▶ Place the bolus end of the applicator into the centre of the lamb's mouth to the back of the tongue gently and squeeze the trigger.
- ▶ The bolus should release easily. If resistance is felt the position of the applicator should be adjusted until the bolus releases easily.
- ▶ Ensure that the animal swallows the bolus. The swallow reflex should happen easily. Proper application appears like the sheep is having a double swallow.
- ▶ If the swallow reflex does not occur easily, the administration may not be over the back of the tongue and the technique will need to be adjusted carefully.
- ▶ The distance as to how far the applicator goes back into the animal's mouth, is the same length as the length of the nose to the eye of the animal. Use this as a guide only.
- ▶ The stem of the applicator should be straight down the centre line of the head and the trigger handle held upright.



Refer to product packaging and data sheet for full usage instructions.

For further information contact Bimeda UK queries +44 (0)1248 725 400 / Ireland queries +353 (0)1 466 7941

Bimeda.co.uk - Bimeda.ie - Cosecureboluses.com