

**Elanco**

**Rumensin<sup>®</sup> CRC**

TM



# Administration Guidelines

Further information to ensure the safe administration of Rumensin CRC

## For Oral Use in Cattle Only

**DESCRIPTION:**

Rumensin CRC is a controlled release formulation of monensin contained in a plastic capsule equipped with retaining wings. Slowly releasing monensin from the opening at its end, the capsule will remain effective for an average of 95 days after administration in lactating dairy cattle.

**ACTIVE INGREDIENT:**

Monensin (as crystalline monensin sodium), 32 g per capsule.

**INDICATIONS:**

1. As an aid in the prevention of subclinical ketosis in lactating dairy cattle.\*
2. For the reduction of fecal shedding of *Mycobacterium avium* paratuberculosis (MAP) in mature cattle in high risk Johne's disease herds as an aid in the herd control of Johne's disease as one component of a multi-component Johne's disease program.†

**NOTE:**

- \* Reductions in the incidence of clinical ketosis and displaced abomasums may occur in conjunction with the reduced incidence of subclinical ketosis.
- † Other considerations for an effective Johne's disease control program include: identification and culling of clinical cases and heavy shedders, and reducing the exposure of calves to the pathogen (e.g., feeding colostrums/milk to calves from animals that are disease free, using uncontaminated pasture to raise calves and replacement heifers, etc.).

**DIRECTIONS FOR USE:**

For both indications, administer one capsule orally 2 to 4 weeks prior to expected calving date, using the Rumensin CRC administration tool.

**NOTE:**

Care should be exercised in administering Rumensin CRC to ensure the delivery to the correct location in the pharynx. Be sure that the head of the administration tool is past the base of the tongue.

The correct administration tool position will be indicated by the animal commencing to swallow. Failure to do so may result in soft tissue damage or regurgitation.

An animal safety study showed no adverse effects in dairy cows when Rumensin CRC was used in herds feeding Rumensin Premix up to a dose of 16 ppm monensin activity.

**IMPORTANT:**

THE USE OF EXCESSIVE FORCE SHOULD ALWAYS BE AVOIDED WHEN DOSING TO AVOID INJURY TO THE ANIMAL. FOLLOW DIRECTIONS CAREFULLY.

Adequate animal restraint is required to properly administer this capsule. A headgate or chute used to restrain the animal must limit forward/backward motion and allow the animal's head to be held in the forward extended position and without pressure on the neck (to prevent choking).

Each capsule has an individual embossed number along the capsule body. This should be recorded with the corresponding animal identification number so that, should a capsule be regurgitated, the animal can be identified.

**IMPORTANT:**

DO NOT USE EXCESSIVE FORCE IN ORDER TO AVOID TRAUMA AND DAMAGE TO THE PHARYNX AND ESOPHAGUS.

**CONTRAINDICATIONS:**

Do not use in cattle weighing less than 200 kg (440 lbs.) body weight.

**CAUTIONS:**

Hold the treated cattle in a confined area for at least one hour after administration of the capsule to observe for failure to swallow or for regurgitation. If a regurgitated device is found, identify the animal by matching the animal identification number with the number embossed on the capsule and redose the animal with an undamaged capsule.

Recheck all cattle for up to four days after dosing for capsule lodging in the esophagus. Immediate signs of

lodging within the first hours of administration include bloat, which may be followed by coughing, drooling, inappetence and unthriftiness. If lodging is suspected, contact a veterinarian immediately.

Do not allow canines, horses, other equines or guinea fowl access to formulations containing monensin. Consumption of capsule contents can be fatal.

Treatment with Rumensin CRC has no impact on the cure of Johne's disease, and may have no impact on decreasing the risk of culling animals diagnosed with Johne's disease. Treatment with Rumensin CRC is not an alternative to identifying and culling of clinical cases/heavy shedders for effective control of Johne's disease.

**WARNINGS:**

Do not administer Rumensin CRC to cows in herds feeding Rumensin Premix exceeding a dose of 16 ppm monensin activity.

No preslaughter withdrawal period or milk withholding time is required when this drug product is used according to the label directions.

**KEEP OUT OF REACH OF CHILDREN.**

**STORAGE:**

Store in original container in a dry place below 30°C.

**RUMENSIN CRC FOR A HEALTHY START**

- > Reduces the incidence of subclinical ketosis and associated post-calving disease
- > Delivers a consistent daily dose of monensin in a single administration, independent of intake
- > Provides individualized therapy for a targeted approach
- > Improves cow health for maximum productivity and profitability

For more information contact your veterinarian or call Elanco at 1-800-265-5475.



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Pay careful attention to the following steps for easy and safe administration of Rumensin CRC:

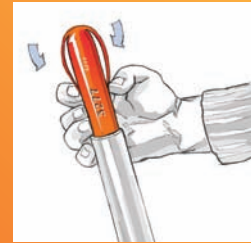
1

**Properly restrain the animal using a halter.** Record the individual capsule number with the animal ID number: if a capsule is regurgitated and is undamaged, it can be readministered.



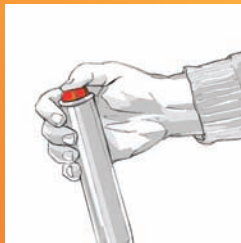
2

**Carefully fold down the wings** of the capsule. Holding the wings, place the capsule in the administration tool, exposed end first. The wings may become brittle in cold conditions, making them easier to damage, so take extra care in colder temperatures.



3

**Completely insert the capsule in the tool.** This will prevent the cow from biting the capsule and make administration easier.



4

**Use two people and a halter** to limit forward/backward motion. Keep the cow's neck as straight as possible in a forward extended position, without pressure on the throat. Restrain the animal's head, holding it forward with one hand in the corner of its mouth.



5

**Place the head of the administration tool in the cow's mouth**, past the base of the tongue. Be sure to avoid the cow's molars. If the tool meets resistance, withdraw it slightly and try again. You can recognize the correct positioning of the tool when the animal begins to swallow.



6

**Release the capsule** by slowly pressing the plunger. Leave the tool in this position for a few seconds before pulling it back out. Dispense the capsule only once the administration tool head is over the base of the tongue and the cow has started to swallow. **DO NOT USE EXCESSIVE FORCE.**



7

**Hold the animal** in a confined area for at least an hour after administration so you can watch for regurgitation. If a capsule is found, match the capsule number with the animal ID number and readminister the capsule if it is still undamaged.



### AFTER CAPSULE ADMINISTRATION

It can take several days for Rumensin CRC to achieve the proper rumen concentration and reach optimum effectiveness. Best results are achieved when the capsule is administered 2–4 weeks before calving.

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