



BULL CREEK VETERINARY SERVICE

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Sheep & Goat Dewormers Product Selection

Pick a product. They are listed in order that we recommend using them. Use the product until the fecal egg counts 5-7 day post-deworming shows resistance. At that point switch products and use the new product until it no longer works. Ivermectin and Cydectin are similar, so resistance to one product will transfer to the other more rapidly than it would to a different class.

1. **Ivermectin drench** - Sheep and goats are treated the same. Use Ivermectin drench at twice the label dose (20 cc per 100# - orally). Fast for 12/24 hours prior to use. Ivermectin is safe for all classes of animals. There is a 20 day meat withhold. Ivermectin is not for use in lactating goats in which the milk is for human consumption.
2. **Cydectin** - For sheep, use the drench product at the label dose. For goats, use the injectable product at the cattle label dose. Cydectin is safe for all classes of animals. There is a 21 day meat withhold for injectable and a 7 day meat withhold for the oral.
3. **Levamisole** - Oral liquid or pills (Levasole or Tramisol). Sheep and goats are treated the same. Use Levamisole at 1 to 1.5 times the label dose. Use cautiously with very young animals. Temporary excitability may occur with some animals. There is a 4 day meat withhold.
4. **Fenbendazole liquid** - (Panacur or Safe Gudard) - Non-Lactating sheep and goats are treated the same. Fast for 12/24 hours prior to deworming. Double the label dose (4.5 cc per 100#, orally, 1x day for 3 days). There is a 15 day meat withhold. Fenbendazole is safe for all classes of animals.
- 4a. **Fenbendazole Liquid** (Panacur or Safe Guard) - Lactating sheep and goats are treated the same. Fast for 12/24 hours prior to deworming. Give 2.25 cc per 100# - orally - 1x day for 3 days. There is a 8 day meat withhold.
5. **Albendazole Liquid** - (Valbazen) - Sheep and goats are treated the same. Use 15 mg/kg (1.5 x the cattle dose). Do not use in the first trimester of pregnancy. Albendazole has some effectiveness against tapeworms and live flukes. There is a 40 day meat withhold.

Sheep & Goat Internal Parasite Control

1. Oral products are generally recommended over injectables.
2. Use a drench gun or a drenching syringe tip when administering oral products.
3. Use a topical product (not Ivermectin/Dectomax/Cydectin) in the winter for external parasites.
4. Paste products for horses may contain the correct drug; however, dosing equine pastes properly for sheep and goats can be difficult, so they are generally not recommended.
5. Milk withhold times are not given. Consult with us for parasite control strategies for animals producing milk for human consumption.
6. Worm larvae ascend 2-3" up grass, so closely cropped pastures are to be avoided.
7. Worm eggs can be infective larvae as soon as 7 days after being deposited.
8. Sheep, goats and camelids share parasite species. They do not cross to cattle, horses or poultry. Therefore, rotating species on pasture is effective for parasite control.
9. Fasting animals for 12 to 24 hours prior to deworming with oral products improves effectiveness. This is not recommended for late term pregnant animals or the very young.

Sample Protocols Scheduled Deworming

1. Early spring (prelambing).
2. 3 & 6 weeks into grazing season (by 5/20 and again by 6/15).
Ewes by 5/20 and both ewes and lambs again by 6/15.
3. Weaning deworming. Move flock to a new pasture if possible.
4. Deworm lambs as needed based on fecal exam or general appearance.
5. Fall - deworm after a hard frost.

Fecal Exam Based Deworming

Collect several fresh, representative fecal samples once every 2-4 weeks. Base the interval on season, stocking density, etc. Deworm when egg count reaches a predetermined threshold.

Famacha

The mucous membranes of the eye are examined and scored for severity anemia. Deworming decisions are made on an individual animal basis. This program does take training and advanced skills.