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“A Strategic Deworming Protocol Using Safe-Guard® for the Seasonal Control of Gastro-intestinal Parasites in Sheep & Goats”

One of many deworming protocols developed for use in sheep and goats. This is a unique protocol designed with strategically timed dewormings both to reduce parasitism in the animals themselves (especially encysted *Haemonchus*) as well as in the animal’s environment for an entire grazing season. It has been tested under field conditions at a number of locations across the country. Note: A veterinary script is required for this protocol. Fecal monitoring is highly recommended.

Treatment Timing:

- 1). **Fall Deworming Regime:** At the end of the grazing season (preferably after a hard frost), feed Safe-Guard® Pellets or Flaked Meal during morning feed at the rate of 1.0 lb per 750 lb of body weight (Safe-Guard® 0.5%) or 4 oz. per 750 lb body weight (Safe-Guard® 1.96%). Spread total dose over three days. On the 4th day give Cydectin® (moxidectin) pour-on at the rate of 1cc/20 lb or liquid sheep drench at the rate of 2.5X recommended dose. Note: Multiple days of Safe-Guard® activates encysted larvae which are then killed by Cydectin®. For animals that are severely debilitated or heavily pregnant, ivermectin can be substituted for moxidectin.
- 2). **Winter Deworming:** Conduct a fecal exam in late February to early March. If positive: repeat fall treatment regime to make sure animals are not shedding worm eggs at the beginning of the grazing season.
- 3). **Spring-Early Summer Strategic Timed Dewormings:** Begin treatment 3-weeks after turn-out or 3-weeks after first spring grass growth.

1st deworming = 3-day Safe-Guard® protocol given 3-weeks after beginning of grazing season.
2nd deworming = 3-day Safe-Guard® protocol given 3-weeks after the first treatment.
3rd deworming = 3-day Safe-Guard® protocol (plus Cydectin® Pour-on given orally on the 4th day) given 3-weeks after the 2nd treatment.
- 4). **Fall Deworming:** Repeat fall program listed above.

*Safe-Guard® (fenbendazole) is a product of Merck Animal Health. Cydectin® is a product of Bayer Animal Health. Ivermectin is a generic endecticide available through a number of companies.

