Dewormer Comparison Chart		Cydectin Drench (Moxidectin)	Valbazen Drench (Albendazole)	Privermectin Drench (Generic Ivermectin)	Ivomec Drench (Ivermectin)	Noromectin Plus Injectable (Ivermectin)	Ivermax Injectable (Ivermectin)	Dectomax Injectable (Doramectin)	Prohibit (Levamisole)	<u>LevaMed Powder</u> (Levamisole)	Safe-Guard Dewormer (Fenbendazole)
Adult liver fluke	Fasciola hepatica		C S G			С					
Bankrupt worm	Trichostrongylus colubriformis	S	CS	S	S	C	С	С	S	S	
Barber pole worm	Haemonchus contortus	S	C S	S	S				S	S	
Barber pole worm	Haemonchus placei		С	S	S	С	С	С	С	C	
Brown stomach worm	Marshallagia marshalli		S								
Brown stomach worm	Ostertagia ostertagi		С				C	C	С	С	
Brown stomach worm	Teladorsagia trifurcata	S									
Eyeworm Grubs	Thelazia spp. Hypoderma bovis					С	С	C			
Grubs	Hypoderma lineatum					C	C	C			
Hairworm	Trichostrongylus vitrinus	S									
Hookworm	Ancylostoma caninum										
Hookworm	Uncinaria stenocephala										
Intestinal worm	Bunostomum phlebotomum		С			С	С	С	C	C	
Intestinal worm Intestinal worm	Bunostomum trigonocephalum Chabertia ovina		S	S	S				S S	S	
Kidney worm	Stephanurus dentatus		3	3	3			SW	3	3	SW
Large-mouthed bowel worm	Cooperia curticei	S		S	S			344	S	S	311
Lungworm	Dictyocaulus viviparus		С			С	С	С	C	C	
Lungworm	Dictyocaulus filaria		S	S	S				S	S	
Lungworm	Metastrongylus spp.						SW	SW			SW
Mange mite	Psoroptes bovis					C	C SW	CS SW			
Mange mite Nasal bot	Sarcoptes scabiei Oestrus ovis			S	S	C	C SW	C2 244			
Red stomach worm	Hyostrongylus rubidus			3	3		SW	SW			SW
Roundworm	Ascaris suum						SW	SW			SW
Roundworm	Oesophagostomum spp.						SW				
Roundworm	Oesophagostomum dentatum			_	_			SW			SW
Roundworm	O. columbianum	S	S	S	S				S	S	
Roundworm Roundworm	O. radiatum O. quadrispinulatum		С			С	С	SW	С	С	SW
Roundworm	O. venulosum	S		S	S			3 V V			3 VV
Roundworm	Ostertagia circumcincta	J	S	S	S	С					
Roundworm	Ostertagia lyrata					C	С	С			
Roundworm	Toxocara canis										
Roundworm	Toxascaris leonina										
Roundworm Small intestinal worm	Teladorsagia circumcinta Cooperia oncophora	S	C S	S	S		С	С	C	C	
Small intestinal worm	Cooperia oncopnora Cooperia pectinata	3	C 3	3	3	C	C	C	C	C	
Small intestinal worm	Cooperia punctata		С			C	Č	Č	С	С	
Small intestinal worm	Cooperia surnabada					C					
Small stomach worm	Trichostrongylus axei	S	C S	S	S	С	С	С	C S	C S	
_Somatic roundworm	Strongyloides ransomi						SW	SW	•		
Stomach worm Sucking lice	Trichostronglyus longisoicularis					С	С	C	С	С	
Sucking lice	Haematopinus eurysternus Haematopinus suis					C	SW	SW			
Sucking lice	Linognathus vituli					С	C	C			
Sucking lice	Solenpotes capillatus					č	Č	Č			
Tapeworm	Moniezia benedeni		С								
Tapeworm	Moniexia expansa		C S								
Tapeworm	Taenia pisiformis										
Tapeworm (fringed)	Thysanosoma actinioides		S	· ·	S						
Thin-necked intestinal worm Thin-necked intestinal worm	Nematodirus battus Nematodirus filicollis	S	S	S	3						
Thin-necked intestinal worm	Nematodirus helvetianus	3	C			С	С				
Thin-necked intestinal worm	Nematodirus spathiger	S	CS	S	S	C	C		C S	C S	
Threadworm	Strongyloides papillosus			S	Š			С			
Whipworm	Trichuris spp.							C			SW
Whipworm	Trichuris ovis			S	S						
Whipworm	Trichuris vulpis	-									

Safe-Guard Drench (Fenbendazole)	Goat Care-2X (Morantel Tartrate)	Livamol* with BioWorma* (D. Flagrans)			BioWorma* (D. Flagrans)			
C G	G	C	S S	G	C	S S	G	
С		С	S	G	С	S	G	
С		C	S	G	C	S S	G	
C								
		C	S	G	C	S	G	
С		-	•	•	•	•	6	
	G	C	S	G	C	S	G	
G C C	G	C	C C C C S	G	C	C C C S	G	
		С	S	G	С	S	G	
C		CCCC	\$ \$ \$ \$	G G G	CCCC	\$ \$ \$ \$	G G G	

IM = INTRAMUSCULAR (muscle)
SQ = SUBCUTANEOUS (under skin)

Controlling Parasites

for optimal flock health and performance

There is no single "proper" protocol that will apply to every farm. The deworming schedule needs to be tailored to the individual farm based on a number of risk factors including but not limited to:

- Stocking density
- Annual rainfall
- Location in degrees latitude
- History of dewormer use on the farm
- Pasture rotation
- Local climate
- Genetics of the animals

All of these factors increase or decrease the susceptibility of the animal to parasites and increase or decrease the larvae survival on pasture.

THE GOAL is to keep the parasite numbers low enough so they do not threaten the health or performance of the sheep or goats. It shouldn't be to keep livestock parasite-free. This is unrealistic and will result in overuse of dewormers.

In general, depending on where you live and pasture conditions, you may need to <u>deworm</u> 2 to 6 times a year. Rotation among the three classes of dewormers is recommended (avermectins, benzamidazoles and levamisole). We strongly suggest that you submit a fecal test to determine which worms your flock is fighting in order to select the best dewormer for them.

One of your deworming treatments should occur at lambing/kidding or shortly before as there is a rise in worm activity as ewes/does approach lambing/kidding. Young stock (less then 6 months of age) need to be dewormed more often than

adults as their bodies are focused on growth and not necessarily fighting off parasites. Sheep or goats in a dry lot (no green growing forage) typically do not acquire parasites and may never need to be dewormed.

An alternative method...

Livamol® with BioWorma® and BioWorma® has been used successfully to eliminate larvae from pastures in Europe and Australia, but is new to the USA. It does not eliminate parasites present in the animal. For optimal performance, animals need to be first treated with a dewormer/anthelmintic to lower worm load before feeding BioWorma products.

Have a question about sheep or goats?

Premier has partnered with <u>Windy Ridge Veterinary Services</u> to offer advice from our combined group of experts. For questions about fencing, grazing, feeding, lambing, health, genetics or general sheep care, we are here to help you and your animals. Information will be provided by our well-trained staff, including Windy Ridge veterinarians, during regular office hours.

Consulting staff are available (email only) through sheepadvice@premier1supplies.com