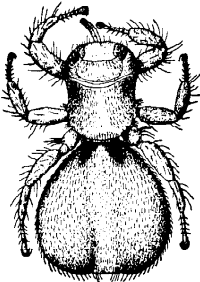






Bulletin

Extension

Sheep and Non-Lactating Goats

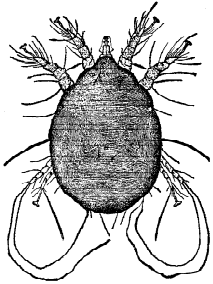
Pests	Material and Formulation	Minimum Days from Last Application to Slaughter	Amount per Animal or Area if Appropriate	Remarks	
Keds "Ticks" Lice 			Spray		
	coumaphos (Co-Ral) 25% WP	15	Thoroughly wet animal	Mix 2 lbs. 25% WP per 100 gallons of water for lice or 4 lbs. 25% WP per 100 gallons of water for keds. Do not apply to sick, convalescent or stress-sheep or to lambs less than 3 months old.	
	diazinon (Dryzon) 50% WP	14	1 gal. per animal 1 qt. per animal	Mix 1/2 lb. 50% WP in 100 gals. of water. Use high pressure and volume. Mix 1 lb. in 100 gals. of water. Use low pressure and volume.	
	fenvalerate (Ectrin) 10% WDL	2	1 to 2 qts. per animal	Mix 1 qt. 10% WDL in 100 gals. of water. Repeat application in 30 days, if needed. Do not apply more than twice in the spring and twice in the fall.	
	methoxychlor (Marlate) 50% WP	0	Thoroughly wet animal	Mix 8 lbs. 50% WP per 100 gals. of water. Spray thoroughly.	
	permethrin (Ectiban, Hard-Hitter, Insectrin) 5.7% EC	0	1 to 2 qts. per animal	Use 1 qt. 5.7% EC in 25 gals. of water. Reapply not more often than every 2 weeks.	
	(Atroban, Expar) 11% EC	0	Thoroughly wet animal	Use 1 pt. 11% EC in 25 gals. of water. Reapply not more than every 2 weeks.	
	(GardStar) 40% EC	0	1 to 2 qts. per animal	Mix 4 fl. oz. 40% EC to 25 gals. of water. Treats 100 head.	
				Pour-on	
	fenvalerate (Ectrin) 10% WDL	2	4 fl. oz. per animal	Mix 2 qts. 10% WDL per 25 gals. of water. Pour dilution down the midline of back. One application after shearing is usually adequate. Repeat application in 30 days if needed, but not more often than twice in the spring and twice in the fall pest seasons.	
	permethrin (Delice, Expar) 1%	0	0.05 fl. oz. per 100 lbs. body weight. Maximum 3 oz. per animal	Ready to use. Pour along backline. Treatments at 14 day intervals.	
				Sprinkle	
	diazinon (Dryzon) 50% WP	14	1 qt. per animal	Mix 1 oz. 50% WP in 6 gals. of water in a garden sprinkling can. Apply over the head, neck, top and side of each sheep in a pen. Repeat applications as necessary.	
				Dust	
coumaphos (Co-Ral) 1% D	15	Rate varies	Ready to use. Treat once after shearing. Do not treat lambs less than 3 months old.		
diazinon 2% D	14	1 1/2 oz. per animal	Ready to use. Treat only once. Do not treat if there are lambs less than 2 weeks old in the flock. Wear a respirator.		
methoxychlor (Marlate) 50% WP	0	1 tbsp. per animal	Ready to use. Dust animal thoroughly. Application following shearing gives temporary relief from sheep keds "ticks."		
			Dip		
coumaphos (Co-Ral) 25% WP	15	Thoroughly immerse animal	Mix 2 lbs. 25% WP per 100 gals. of water for lice or 4 lbs. 25% WP per 100 gals. of water for keds. Do not dip sick, convalescent or stressed sheep or lambs less than 3 months old.		
			Drench		
Nasal bots 	ivermectin (Ivomec) 0.08%	11	3 ml per 26 lbs. body weight. (15 ml per 130 lbs. body weight)	Labeled for use in SHEEP ONLY. Ready to use. Administer orally as drench. Consult your veterinarian, extension office or animal health supplier for the internal parasite control program recommended in your area.	

Sheep and Non-Lactating Goats (continued)

Pests	Material and Formulation	Minimum Days from Last Application to Slaughter	Amount per Animal or Area if Appropriate	Remarks
Wool Maggots (Fleece Worms)	coumaphos (Co-Ral) 25% WP	15	Spray 1 gal. per animal	Mix 4 lbs. 25% WP in 100 gals. of water. Respray if maggots are found subsequently. Do not treat lambs under 3 months old.
<div style="display: flex; align-items: flex-start;">  <div style="border: 1px solid black; padding: 5px;"> <p>Note: A convenient aerosol can of 3% Co-Ral or KRS Spray Foam formulation with a blue dye (as a marker) can be used to treat the wound area and 5 to 8 inch wider into the clean wool. The blue dye easily identifies the infected animal within the flock for future inspection and treatment. However, if NOT CAREFUL, maggots during and after treatment will move still farther up the back of the animal, causing additional damage. Repeated treatments 2 to 3 times per week, especially with an aerosol can, may be needed to eliminate maggots which sometimes number into the hundreds. (Sometimes treatment with an aerosol can alone will give false security.) Experience has shown it is best to “dip” the animal’s wounded area thoroughly in a washtub or some other container containing coumaphos (Co-Ral) to most effectively eliminate all maggots. Ideally, the treated sheep should be put in a barn to rest, recuperate and heal from the painful larval feeding wounds. Also labelled is a lindane 3% aerosol spray.</p> </div> </div>				

Scab Mites
(Scabies, Wet Mange, Psoroptes)

Sheep scab is a reportable, quarantinable disease and control operations must be supervised by personnel of the Ohio Department of Agriculture, Division of Animal Industry, 8995 E. Main St., Reynoldsburg, OH 43068, 614-728-6220, 1-800-282-1955, Fax: 614-728-6310. Currently, Ohio is free of sheep scab. Rigid regulations against importation of this disease are in effect.



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