

Anthelmintics for sheep and goats

Compiled by Susan Schoenian, Sheep & Goat Specialist, University of Maryland Extension [last updated 04.19.12]

Not all anthelmintics listed in the table are FDA-approved for use in sheep and goats. It is recommended that sheep and goats always be dewormed by mouth (OS), preferably with drench formulations. Other routes of anthelmintic delivery promote development of anthelmintic-resistant worms.

Trade name	Drug ingredient	Drug family	FDA approved species	Specificity	Labeled dosage for approved species	Withdrawal
Cyductin® 0.5% pour-on for cattle	Moxidectin	ML Milbemycin	Beef cattle non-lactating dairy	Stomach and intestinal worms Lungworms External parasites	5 ml/110 lbs. topical	0 days
Cyductin® 1% injectable	Moxidectin	ML Milbemycin	Beef cattle	Stomach and intestinal worms Lungworms external parasites	1 ml/110 lbs. SQ	21 days
Cyductin® 0.1% oral drench for sheep	Moxidectin	ML Milbemycin	Non-lactating sheep	Stomach worms Lungworms External parasites	1 ml/11 lbs. by mouth or 1 ml/5 kg	7 days
Dectomax® 1% injectable	Doramectin	ML Avermectin	Non-dairy cattle Veal calves Swine	Stomach and intestinal worms Lungworms External parasites	1 ml/110 lbs (cattle) 1 ml/110 lbs (swine) SQ or IM	35 days (cattle) 24 days (swine)
Dectomax® 5% pour-on for cattle	Doramectin	ML Avermectin	Non-dairy cattle Veal calves	Stomach and intestinal worms Lungworms External parasites	5 ml/110 lbs. topical	45 days
Ivomec® Eprinex pour-on	Eprinomectin	ML Avermectin	Cattle	Stomach and intestinal worms Lungworms External parasites	5 ml/110 lbs. topical	Slaughter: 0 days Milk: 0 days

Trade name	Drug ingredient	Drug family	FDA approved species	Specificity	Labeled dosage for approved species	Withdrawal
Ivomec® pour-on for cattle	Ivermectin	ML Avermectin	Beef cattle Dairy calves Veal calves	Stomach and intestinal worms Lungworms External parasites	1 ml/22 lbs. topical	48 days
Ivomec® Plus injection	Ivermectin Clorsulon	ML Avermectin	Beef cattle Non-breeding dairy	Stomach and intestinal worms Lungworms External parasites Liver flukes	1 ml/110 lbs SQ	56 days
Ivomec® 1% injection	Ivermectin	ML Avermectin	Beef cattle Non-breeding dairy Veal calves Cervid, Bison	Stomach and intestinal worms Lungworms External parasites	1 ml/110 lbs.(cattle) 1 ml/75 lbs. (swine) SQ	35 days (cattle) 28 days (swine)
Ivomec® Liquid Primectin™ drench	Ivermectin	ML Avermectin	Sheep	Stomach and intestinal worms (adult, L4) Lungworms Nasal bots	3 ml/26 lbs. OS	11 days slaughter Milk - ?
Prohibit™ soluble drench powder Tramisol®	Levamisole hydrochloride	NIC	Beef cattle Non-breeding dairy Sheep	Stomach and intestinal worms Lungworms	Depends upon dilution	3 days (sheep) 2 days (cattle)
Quest® gel	Moxidectin	ML Milbemycin	Equine	Small strongyles	0.4 mg/2.2 lbs. OS	NA
Rumatel®	Morantel tartrate	NIC	Cattle Goats	Mature roundworms	0.44 to 4.4 g per lb. of feed	14 (cattle) 30 days (goats)
Safeguard® 10% suspension	Fenbendazole	BDZ	Cattle Goats	Stomach and intestinal worms Lungworms	2.3 ml/100 lbs. OS	8 days (cattle) 6 days (goats)
Strongid® paste	Pyrantel pamoate	NIC	Equine	Small and large strongyles	3 mg/lb. OS	NA

Trade name	Drug ingredient	Drug family	FDA approved species	Specificity	Labeled dosage for approved species	Withdrawal
Synanthic® liquid suspension	Oxfendazole	BZD	Beef cattle Non-lactating dairy	Stomach and intestinal worms Lungworms Tapeworms	2.5/110 lbs. OS	7 days
Valbazen®	Albendazole	BZD	Cattle Non-breeding dairy Sheep Non-lactating goats (liver fluke control)	Stomach and intestinal worms (adults and L4) Lungworms Tapeworms Liver flukes	3 ml/100 lbs. OS (sheep) 4 ml/100 lbs OS (cattle) 4 ml/100 lbs OS (goats)	7 days (cattle) 7 days (sheep) 7 days (goats)

Source: Product labels and Animal Drugs @ FDA