


# Internal Parasites That Affect Sheep and Goats

Genus and species	Common name	Site	Life cycle		Ideal Conditions for Development	Clinical signs
<i>Haemonchus contortis</i>	Barberpole worm Wire worm	Abomasum	Direct	18 to 21 days	warm, moist summer rainfall	Blood loss (Anemia) Edema ("Bottle Jaw") Weakness Wool breaks Sudden death
<i>Ostertagia circumcincta</i>	Medium or brown stomach worm	Abomasum	Direct	20 days	cool, moist	Production loss Lack of appetite Diarrhea Weight loss Decreased wool production
<i>Trichostrongylus</i>	Bankrupt worm Hair worm	Abomasum Small intestine	Direct	< 21 days	warm, moist	Black scours Reduced appetite Production loss Occasional death
<i>Strongyloides papillosus</i>	Common threadworm	Small intestine	Direct		warm, moist	Weight loss Diarrhea Inflammation between toes
<i>Cooperia</i> spp.	small intestinal worm	Small intestine	Direct	20 days	cool, wet winter rainfall	Loss of appetite Diarrhea Weight loss Decreased wool growth
<i>Nematodirus</i> spp.	threadneck worm	Small intestine	Direct	20 days	cool, wet	Usually sub-clinical Diarrhea, loss of appetite, weight loss
<i>Dictyocaulus filaria</i> <i>Muellerius capillaris</i>	lungworm	Trachea and bronchi	Direct Indirect (snails, slugs)	5 weeks	cool, wet	Usually no signs of infection. Coughing, fluid in lungs if disease is severe. Pneumonia
<i>Moniezia</i> spp.	tapeworm	Small intestine	Indirect (pasture mites)	6 weeks	wet	Heavy infestations may result in unthriftiness and GI disturbances

<i>Eimeria</i> spp.	coccidia	Small intestine	Direct	< 21 days	cool, wet conditions Overcrowding	Liquid diarrhea Off feed, depression Death
<i>Trichuris ovis</i>	whipworm	Caecum	Direct	6-12 weeks	Dry	Diarrhea
<i>Bunostomum phlebotomum</i>	hookworm	Small intestine	Direct	1-2 months	warm, moist	Unthriftiness Diarrhea Blood loss Anemia Sore feet
<i>Oesophagostomum</i>	nodule worm	Large intestine	Direct	5 weeks	cool, wet winter rainfall	Damage lining of small intestines
<i>Paralaphostrongylus tenuis</i>	meningeal worm deer worm brain worm	central nervous system	Indirect (snails, slugs)	82-91 days	cool, wet	Hindquarter weakness Ataxia Paralysis Blindness
<i>Fasciola hepatica</i>	liver fluke	Liver	Indirect (snails, slugs)	8-12 weeks	wet areas	production losses Death Organ condemnation
<p><b>Last Updated 03-May-2005 by Susan Schoenian.</b></p>				 <p><b>MARYLAND COOPERATIVE EXTENSION</b> UNIVERSITY OF MARYLAND COLLEGE PARK • EASTERN SHORE</p>		