



HELMINTH PARASITE CONTROL in organic dairy goats

Prevention of infection due to newly introduced animals

- Keep new animals in quarantine
- Treat new animals with a chemical anthelmintic from group 2 or 3
- Monitor 14 days after treatment -> if clean; introduction in herd
- Keep litter of quarantine stable separate -> don't use this as a fertilizer

Prevention by means of grassland management

- Don't put goats on the pasture before the end of May
- Rotate pastures every 3 weeks in May and June, rotate every 2 weeks in July and September
- Don't use the same pasture within 12 weeks.
- Don't put lambs on pastures where older goats or sheep have grazed.
- REMEMBER: grass cut from pastures within 12 weeks after grazing can be infected!

Monitor helminth infections

- Send in manure samples for analysis on helminth parasites in August or at the beginning of the dry period
- Take rectal samples of 10 – 15 individual goats (not from the ground!)

Treat goats in the dry period

- Treat animals with chemical anthelmintics only when necessary -> based on manure samples and larvae determination
- To prevent resistance, don't treat 2-5% of the animals in the herd
- Use a double doses for goats, BUT based on animal weight
- Alternate each year between chemical anthelmintics from group 2 and 3

Chemical anthelmintics registered for small ruminants^{*)}

Group	Anthelmintic	Trade name
1 (Pro)benzimidazolen^{**}	Albendazole	Valbazen Veteol
	Fenbendazole	Panacur
	Oxfendazole	Bovex Systemex
	Febantel	Rintal
2 Imidithiazoles	Levamisole	L-Ripercol drench Levacide Levacol Wormboli Levamisole Endex 8,75%
3 Avermectines en Milbemycines (Macrocyclische Lactonen)	Ivermectine	Ivomec Ivomec-S Oramec Panomec
	Doramectine	Dectomax Prontax
	Moxidectine	Cydectin 0,1% orale suspensie

* no chemical anthelmintics are registered for lactating goats
 **anthelmintics in group 1 are not advised due to known resistance



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These recommendations are the result of the EU project **Wormcops** (QLK5-2001-01843). Future research should look into alternative control measures, other than grasslandmanagement.