



# 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<sup>\*)</sup>

Group	Anthelmintic	Trade name
<del>1 (Pro)benzimidazolen<sup>**)</sup></del>	<del>Albendazole</del>	<del>Valbazen Veteol</del>
	<del>Fenbendazole</del>	<del>Panacur</del>
	<del>Oxfendazole</del>	<del>Bovex Systemex</del>
	<del>Febantel</del>	<del>Rintal</del>
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.