

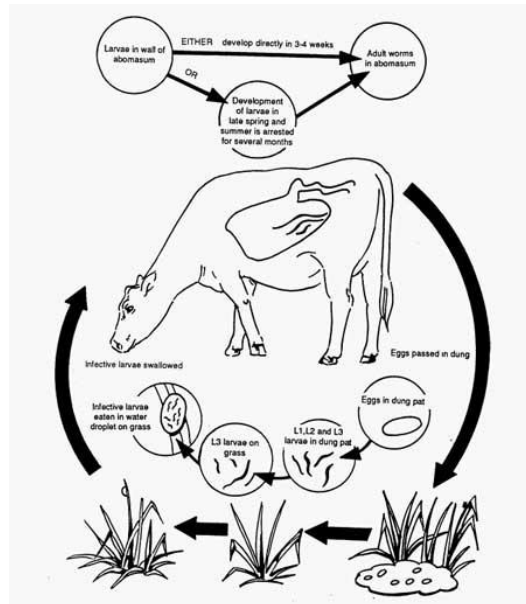


Why Should Producers Treat Their Cows and Calves When They Turn Them Out to Pasture?

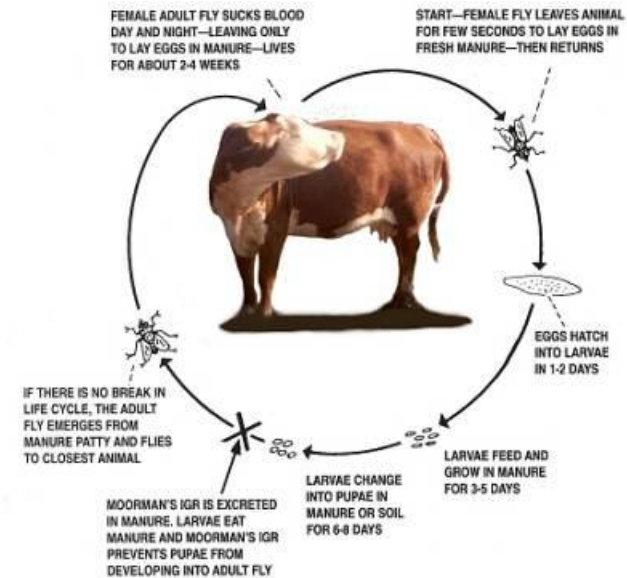


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Exposure of Cows and Calves to Parasites on Range

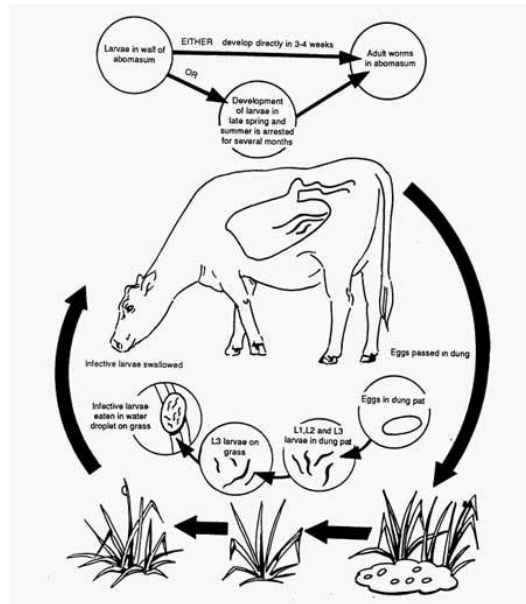


Gastrointestinal
Worms

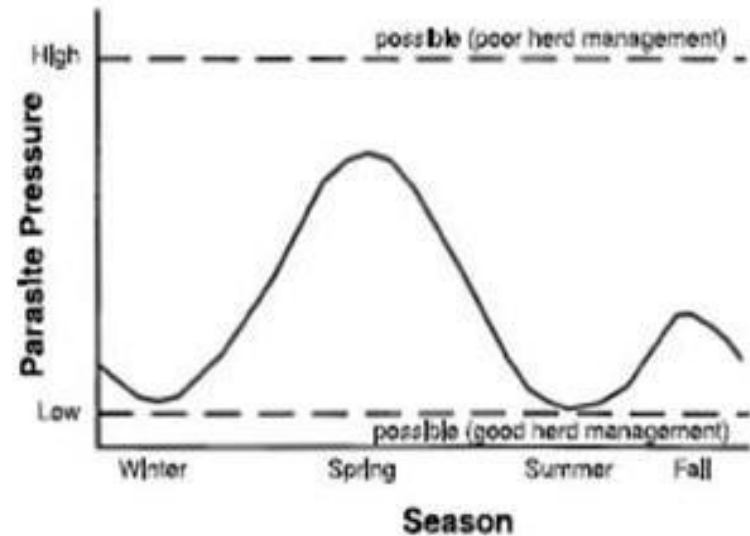


Flies

Intestinal Roundworms



Life Cycle of Intestinal Worms



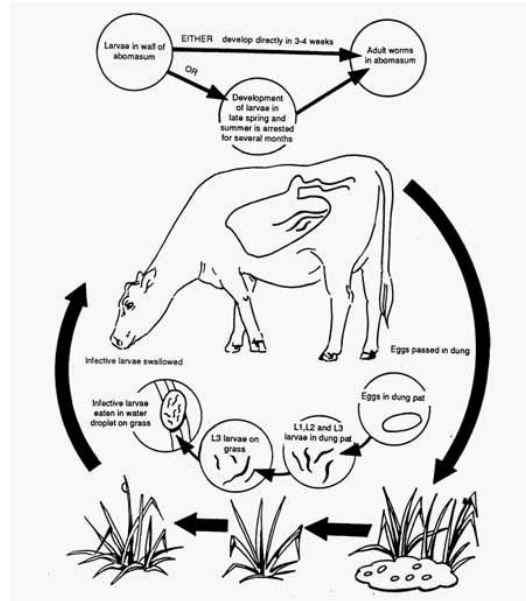
Seasonal Infection Pattern

Intestinal Roundworms and Performance



Facts about Intestinal Worms in Cattle

- Calves most affected
- Largest Impact on yearlings
- Need to control Infections in Adults and Calves



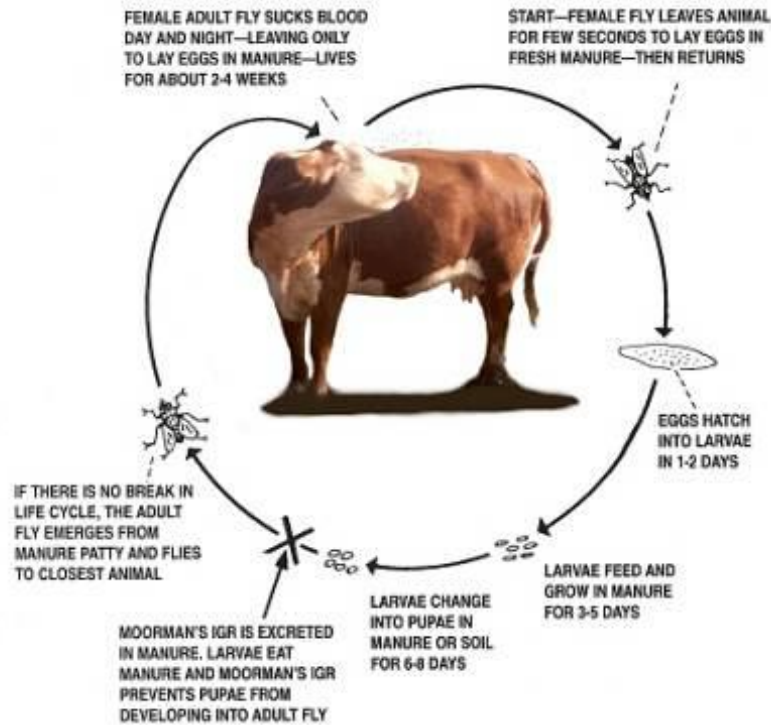
Life Cycle of Intestinal Worms

Increase Weight Gain (over 90 day grazing)

Spring calves:	up to 8 kg
Yearling heifers:	up to 10 kg
Yearling steers:	up to 18 kg



Horn Flies on Pasture



Horn Flies

Impact of Horn Flies

- Reduced Weight Gain
- Reduced Milk Output

Life Cycle of Horn Flies



Face Flies on Pasture



Life Cycle of Face Flies



Face Flies



Pink Eye

Impact of Face Flies

- Pink Eye Infections
- Reduced Weight Gain
- Reduced Milk Output

Benefits of Treating Cows and Calves with Ivermectin Pour on For Cattle



Intestinal and Lung Parasite Control

Reduce gastrointestinal roundworm burden

- Improves weight gain in calves and milk production in cows

Reduce lungworm infections

- prevents lungworm pneumonia

Reduce fecal egg counts in adults and calves

- Fecal eggs leads to pasture contamination and reinfection

Reduce pasture contamination of worm eggs

- pasture contamination leads to heavy infections in calves and reduced weight gain



Increase Weight Gain (over 90 day grazing)

Spring calves:	up to 8 kg
Yearling heifers:	up to 10 kg
Yearling steers:	up to 18 kg

Benefits of Treating Cows and Calves with Ivermectin Pour on For Cattle



Fly Control

Ivermectin Controls horn and face flies by:

Killing adults on animals

Killing larvae in fecal pats



Benefits of treatment:

Long duration of activity (5-6 weeks)

Improved weight gain

Increase milk production

Reduced disease transmission

Reduced pasture contamination

Increase Weight Gain (over 90 day grazing)

Spring calves:	up to 8 kg
Yearling heifers:	up to 10 kg
Yearling steers:	up to 18 kg



Treating Cows and Calves Topical - Guns

Calves

Treat before you turn out to pasture in May-June
Branding/Vaccination is a good time
Brand before you treat!!!!
Let drug disperse (1 hour) before you return to
cows



Cows and Bulls

Treat before you turn out to pasture in May-June



Treating Cows and Bulls on Range with Oilers



Preparation of Oiler Solution

- Ivermectin Pour on for Cattle + AVL Oiler Fluid
- Mix 1:1
- Put into clean oiler
- Note Volume



Cows and Bulls

- Calculate herd dose (140 ml/head)
- Remove from pasture when you have achieved the dose
- Retreat in 6-8 weeks



Advantage over Diesel Fuel/Malathion

- Environmental Friendly
- AVL Oiler fluid is developed for topical applications
- Controls flies and Controls worms