

Parasite Management Plan For Your Young Horse

Chronological approach to parasite control for foals during the first 12 months

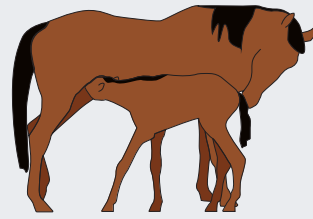
PERIPARTURIENT MARE & NEONATAL FOAL

Management Plan:

Deworm mare prepartum or within 24 – 48 hours post-foaling with macrocyclic lactone anthelmintic.

No treatment for foal unless there are parasite-related signs of disease:

- 1) Diarrhea due to *S. westeri* (confirmed by FEC):
 - * Ivermectin
 - * Oxibendazole
- 2) Respiratory disease suspected secondary to *P. equorum* larval migration:
 - * Ivermectin (if efficacy proven by FECRT)
 - * Larvicidal Fenbendazole



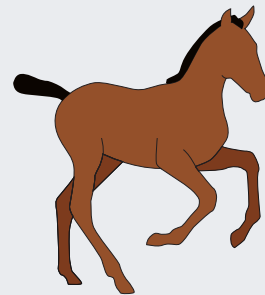
2-3 MONTH OLD FOAL

Management Plan:

Deworm with drug effective against *Parascaris equorum*:

- * Fenbendazole
- * Oxibendazole
- * Pyrantel
- * Ivermectin

Collect 10 – 14 day post-treatment fecals from foals with patent ascarid infections and perform FECRT to test each drug class.



4-6 MONTH OLD FOAL (WEANING AGE)

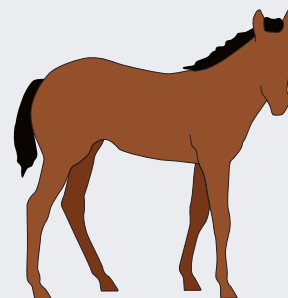
Management Plan:

Second treatment with drug effective against *Parascaris equorum*:

- * Benzimidazole
- * Pyrantel

Perform FECRT for drugs not tested after first treatment. Avoid use of drugs that kill via spastic or flaccid paralysis (pyrantel, ivermectin) in foals suspected of having heavy ascarid burdens to reduce the risk of impaction colic.

Consider larvicidal dose of fenbendazole on farms with multi-drug resistant *P. equorum*.



7-9 MONTH OLD WEANLINGS

Management Plan:

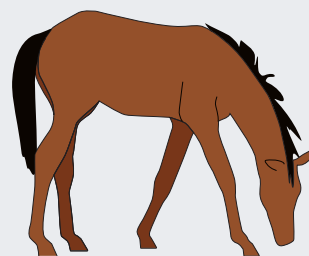
Deworm with drug effective against small strongyles:

- * Ivermectin
- * Pyrantel
- * Benzimidazole

Select groups of weanlings with patent infections to use for FECRT to determine drug efficacy.

Incorporate cestocide treatment if tapeworms are a concern:

- * Praziquantel

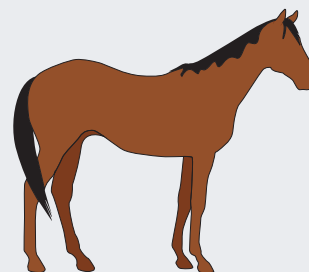


10-12 MONTH OLD WEANLINGS / YEARLINGS

Management Plan:

Treat with drug effective against encysted small strongyles:

- * Moxidectin
- * Larvicidal 5-day course of fenbendazole.



Affected By:

Strongyloides westeri (threadworm)

Prepatent Period: 5 – 7 days
Clinical disease is rare; if it occurs, most likely in young foals only
Affects Foals <2 weeks to 2 months of age

Parascaris equorum (roundworm)

Larval migration beginning
Affects Foals >4 weeks of age

Affected By:

Parascaris equorum (roundworm)

Prepatent Period 10 – 15 weeks
Affects Foals 2 Months and Older

Affected By:

Small Strongyles

Prepatent Period
≥6 weeks – >2 years
Affects Foals 4 Months and Older

Parascaris equorum (roundworm)

Affects Foals 2 Months and Older

Affected By:

Large Strongyles

Prepatent Period
6 – 11 months
Affects Foals 6 Months and Older

Tapeworms

Affects Foals 6 Months and Older

Small Strongyles

Prepatent Period
≥6 weeks – >2 years
Affects Foals 4 Months and Older

Parascaris equorum (roundworm)

Affects Foals 2 Months and Older

Affected By:

Large Strongyles

Prepatent Period
6 – 11 months
Affects Foals 6 Months and Older

Tapeworms

Affects Foals 6 Months and Older

Small Strongyles

Prepatent Period
≥6 weeks – >2 years
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Parascaris equorum (roundworm)

Affects Foals 2 Months and Older

For more information on vaccination visit Merck's Get Vaccinating Right website: <http://www.getvaccinatingright.com/>

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