

KVA DEWORMING RECOMMENDATIONS (2017):

Recommended Deworming Schedule for ADULT HORSE (>2yrs old)									
Shedding Class	March	April	May	June	July	August	September	October	November
1	Fecal	MOX (Q/Q+) or PP						Fecal	*IVM/PRZ or DD PYR
2	Fecal	MOX (Q/Q+) or PP			IVM			Fecal	*IVM/PRZ or DD PYR
3	Fecal	MOX (Q/Q+) or PP		IVM		IVM		Fecal	*IVM/PRZ or DD PYR
Unknown	**	MOX (Q/Q+) or PP		IVM		IVM		**	*IVM/PRZ or DD PYR

KEY:

* Horses under 2 years of age require different deworming protocols. (See second page)

* Only Equimax (IVM/PRZ) or Quest/Quest (+) should be used in pregnant and/or lactating mares.

** Horses in this class should have serial **fecal tests** initially, (see protocol below). This will allow us to determine the horses shedding class (1, 2, or 3) and make the most accurate deworming recommendations for your horse.

MOX = a product containing moxidectin, such as Quest or Quest(+)

PP = Panacur powerpak (double dose of fenbendazole given for 5 days in a row)

IVM/PRZ = a product containing ivermectin and praziquantal (e.g. Equimax or Zimectrin Gold).

DD PYR = a double dose of a product containing pyrantel pamoate (e.g. Strongid). For example, an average-sized, adult horse would be given TWO full tubes of paste at the same time.

IVM = a product containing only ivermectin.

FOALS, WEANLINGS, YEARLINGS (< 2yrs old) – DEWORMING GUIDELINES:

- Treatments based on fecal results are not necessary during this time. However, we should still use strategic deworming (targeted treatments).
- **FIRST YEAR OF LIFE (4 treatments)**
 - o **3mo old**
 - **Fenbendazole (Panacur)(10mg/kg) – 10mg/kg is a double dose**
 - Target - Roundworms
 - o **6mo old (weaning time) - FEC - Roundworms vs. Strongyles**
 - **Fenbendazole (Panacur)(10mg/kg) – 10mg/kg is a double dose**
 - Target - Roundworms
 - o **9mo old**
 - **Ivermectin (Zimectrin) or Moxidectin (Quest)**
 - Target - Strongyles
 - o **12mo old**
 - **Ivermectin/praziquantel (Z-Gold) or Moxidectin/praziquantel (Quest plus)**
 - Target – Strongyles & Tapeworms
 - o **12-24mo (1-2yrs) old**
 - Deworm as **CLASS 3** shedding horses = 4x/year deworming (See Adult Deworming Recommendations)
 - o **24mo (2yrs) old – Have first fecal egg count (FEC) done -> refer to adult deworming chart on page one.**

FECAL TESTING – SAMPLE SUBMISSION AND PROTOCOL:

- To get the most accurate estimate:
 - o **3 consecutive samples taken at 6mo intervals (initially) -> then annually (thereafter)**
- Guidelines:
 - o Sealed (ziplock bags are great) & labeled please (*owner name, horse name, date of collection*)
 - o < 12hrs old (post defecation), not frozen, not diarrhea
 - o Refrigerate immediately (can keep up to 7 days)
 - o 1 nugget is plenty!
 - o *Just drop them off at KVA office or have ready at time of appointment.*
- **Wait the appropriate amount of time from last deworming (based on drug):**
 - o If it's easier you can just wait for 16wks (4mo) to be safe. Don't deworm during this time.
 - o This allows us to measure the innate ability of the horse's immune system to regulate parasite levels... not the effectiveness of the dewormer.

Product Example	Drug Name	Time to Collect Fecal (post deworming)
Panacur	Fenbendazole	≥ 9wks
Strongid	Pyrantel	≥ 9wks
Zimectrin	Ivermectin	≥ 12wks
Quest	Moxidectin	≥ 16wks