

# FAMACHA®

## Eye Anemia System

**COVER – PUSH – PULL – POP**

COVER the top eyelid | Gently PUSH down on the eyelid | PULL down the bottom eyelid | The mucous membranes will POP into view



The FAMACHA® eye anemia system was developed almost 30 years ago by South African researchers in response to increasing dewormer resistance. FAMACHA® is a color eye chart that estimates the level of anemia (blood loss) in small ruminants. Anemia is the primary symptom of the barber pole worm (*Haemonchus contortus*), the primary worm affecting small ruminants in warm, moist climates. To determine if a sheep, goat, alpaca, or llama needs to be dewormed, the color of the membranes of its lower eyelid is compared to the colors on the FAMACHA® card. The FAMACHA® card displays five color and treatment categories (recommendations). Small ruminants that are not anemic (1, 2) don't usually require deworming. Selective deworming increases refugia and slows the development of resistant worms. FAMACHA® is only useful for blood-feeding parasites, such as the barber pole worm.

You must take an official training in order to get a FAMACHA® card. Go to [WormX.info](http://WormX.info). Online training is available.



Category	Color	Deworm ?
1	Red	No
2	Pinkish red	No
3	Pink	Yes-No
4	Pinkish white	Yes
5	White	Yes