

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 over 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 barber pole worm (*Haemonchus contortus*) infections. The barber pole worm is the primary worm parasite 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, whereas those with FAMACHA[®] scores of 4 or 5 do. 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.

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