

FAMACHA® Training Policy for the Small Ruminant Chapter ANZCVS

Background

The FAMACHA® system is one that compares the eye mucous membrane colour of the small ruminants with a laminated card to determine which animals need drenching for barber's pole worms. Records can also be kept to select animals that are likely to pass on genes for worm resilience. This video from Meat & Livestock Australia provides an explanation of the FAMACHA® system - <https://www.youtube.com/watch?v=KCauFCxjCIs&t=2s> .

The Small Ruminant Chapter of ANZCVS has obligations that must be met in order to obtain FAMACHA® cards. These cards can only be distributed by the chapter in Australia, New Zealand and nearby Pacific islands. The Chapter has undertaken to promote, protect and encourage the correct use of cards wherever distributed. An annual report will be provided to South Africa which will include the names and contacts of people provided with cards.

Policy

A policy was therefore developed to meet these obligations and is as below:

- Chapter members can purchase cards as their membership exams covered parasite control.
- Staff of the WormBoss program (www.wormboss.com.au) and their state coordinators can obtain cards as they are recognised veterinarians or parasitologists with relevant expertise.
- Non- chapter members must first attend a course held by a chapter member as an assistant presenter before purchasing cards or alternatively attend a training session arranged by the Chapter. Both Dr Kylie Greentree and Dr Sandra Baxendell regularly hold courses.
- All those that deliver the course must use this handout (in addition to other handouts) - http://web.uri.edu/sheepngoat/files/FAMACHA-Scoring_Final2.pdf
- Presenters may use their own PowerPoints or ask a chapter member presenter for help. There is a FAMACHA Consortium Australia group on LinkedIn that has many items of interest that would help potential presenters prepare a PowerPoint – see <https://www.linkedin.com/groups/4301659> . Any PowerPoint or training aid used must cover:
 - FAMACHA® is only relevant for barbers pole worms
 - Life cycle of barbers pole worms
 - Anthelmintic resistance & refugia management
 - Residue prevention and using non-registered drenches in goats and alpacas
 - Pasture management
 - Genetic selection
 - Targeted treatments versus treating the whole herd/flock
 - The need to store anthelmintics according to label instructions
 - The 5 PointCheck®
 - Wormboss website i.e. www.wormboss.com.au for Australian courses
- Presenters must examine each participant in a hands-on situation in suitable yards with suitable sheep, goats or alpacas to ensure each is capable of correctly using the FAMACHA® cards and the 5 PointCheck®. If successful, then each participant must be given a certificate that has the location and date of the course to allow them to purchase cards in the future if their current cards have faded. Examples of certificates can be found on the chapter website.
- Evaluations must be undertaken at the end of the course and it is suggested another is done again in approximately 12 months' time (www.surveymonkey.com is a useful tool).

Examples of evaluations can be found on the chapter website and as an Appendix to this document. Evaluations, handouts and PowerPoints must be kept by the presenter in case of any audit (electronic storage suggested).

- Presenters must provide a list of course participant names and contacts within 4 weeks of the course to the chapter FAMACHA coordinator.
- Prices of cards to presenters must completely cover chapter costs based on a likely number of cards to be sold annually. This is currently estimated at \$30 including GST plus any postage. There may be a delay in getting cards when card numbers get low so plenty of notice must be given. Cards won't be posted by the chapter FAMACHA coordinator until payment is received.

Certificate of Competency: FAMACHA[®] Anaemia Guide

It is hereby certified that

.....

of

.....

has successfully completed a course in the use of a
FAMACHA[®] guide to assist in the control of
Haemonchus contortus (barber's pole worms) in sheep
and goats, held on // at insert location &
organised by.....

..... (sign on day)

Insert date //

Insert presenter's name and logo

FAMACHA[®] is distributed under the auspices of the South African copyright holder (Professor G F Bath is the project coordinator). In the USA it is under the auspices of the American Consortium for Small Ruminant Parasite Control (www.wormx.info).

FAMACHA/Small Ruminant Internal Parasites

Feedback:

Workshop Location:

insert

Date //

YOUR NAME (optional):

I appreciate your feedback - it helps me to further improve. Thank you

Rating Scale: 5 – excellent, 4 – very good, 3 – good, 2 - needs improvement, 1 – poor.

| Think about the talk and rate your response from 1 – 5 for the following questions: | Rating | How can this be improved? |
|---|--------|---------------------------|
| 1. How would you rate presenters's name preparation? | | |
| 2. How would you rate the quality of the information delivered? | | |
| 3. Rate the practical demonstration given, did you find it relevant and beneficial? | | |
| 4. Rate the length of the presentation –was it adequate to meet your needs? | | |
| 5. Were you satisfied with the opportunities given to ask questions, actively participate and network in the session? | | |
| 6. How would you rate the handouts/ precourse emails ? | | |
| Please give any further feedback or comments. | | |

Please return this form to the organizer or email later to insert presenter's email by //

Suggested SurveyMonkey Questions

1. Numbers of small ruminants held <10, 10-20, 25-50, 50-100, 100 -500, >500
2. Area of land grazed in hectares.
3. Gender and age
4. How often have you used the FAMACHA © card since the course – once or twice, 3-6 times, at least monthly, monthly and fortnightly in summer.
5. Have cases of bottle jaw in your herd/flock – reduced, increased, stayed the same.
6. Have you purchased or kept any homebred rams/ bucks/macho (cross out what does not apply) in the past year – yes/no. If yes, what consideration did you give to worm resistance & resilience – none, considered but no information was available for my breed (state breed), used FAMACHA scores to select, used sire evaluation trail,
7. Have you culled any females in the last 12 months Yes/No. Did FAMACHA® scores influence your decision. Yes/No.
8. Have you subscribed to wormboss newsletter or liked them on Facebook
9. Which of the following parasite control methods are you now using (yes/no/was already using before the course):
 - a. Using targeted selected treatments i.e. not drenching all animals
 - b. Drench and move adults (note this a trick question as course emphasizes drench and stay to manage refugia)
 - c. Preparing safe pastures for weaners
 - d. Keeping pasture high for goats (delete for sheep only courses)
 - e. Using double or triple drenches at the same time
 - f. Rotational grazing with a non-susceptible species
 - g. Using Copper Oxide Wire Particle boluses for barbers pole worms
 - h. Store drenches in a cooler location
 - i. Rotate drench families each year (note this a trick question as course emphasizes using multiple drench families as this doesn't work to prevent resistance)