

Dawbuts- Faecal Egg Count Reduction Test (FECRT)

Table 1- Activity Schedule

Day	Activities
0	1) Take faecal samples (15-45 random samples). 2) Draft and mark (tag) sheep. 3) Treat groups as per Table 2. 4) Send samples to lab for FEC and larval culture.
14	1) Take faecal samples from rectum of each sheep. 2) Place in correct container (by treatment group). 3) Label. 4) Send samples to lab for FEC and larval culture.

Treatment Day (Day 0)

- 15 sheep are needed for each treatment group. Randomly **draft off 100-200 sheep (15-20 sheep per group)** from the mob (excluding sick or injured animals and the lead and tail of the mob).
- Faecal samples** to be collected from 15-45 random sheep (one tray) prior to treatment -from rectum or fresh off the ground within 10 minutes of dropping. These will be used as the 'control' samples. Package and send samples to lab immediately.
- Use a different coloured zip tie on eartag for each treatment group. Mark the sheep at the same time as giving treatments. Record the drench treatment and colour for each group on the Day 14 collection trays.
- Drench each group** with the correct treatment drench while in the race, weighing and dosing to the heaviest animal in each group and following label directions. Re-dose if animals spit out the drench (record any spillages). Use different drenching equipment for each product, or thoroughly clean between treatment groups.
- After drenching, **graze as one mob** for the next 14 days in a secure paddock.

Table 2- Drench groups

Active	Colour	Product	Dose
Moxidectin	Blue	Cydectin Oral	1ml/5kg
Levamisole	Yellow	Nilverm LV 80g/L	1ml/10kg
Albendazole	Green	Alben	1ml/5kg
Abamectin	Red	Virbamec	1mL/4kg
Closantel	White	Closicare	1mL/5kg
ABA + LEV + OXFEN	Red + Yellow	Triguard	1mL/5kg
ALBEN + LEV + MOXI	Green + Yellow	Tridectin	1mL/5kg
Monepantel + Abamectin	Black	Zolvix	1mL/10kg

Post Treatment (Day 14)

- In **14 days**, muster the test sheep back into the yards and draft into their treatment groups (if undrafted, have an assistant coordinate samples into correct trays).
- Take a faecal sample from the rectum of each sheep** and place in a separate well in the tray labelled for that treatment group. Sample **15 sheep** from each group.
- You will end up with 1 tray per group, each containing 15 samples of dung.
- Fill out submission form, clearly identifying the samples to their appropriate drench group as part of a *Drench Test*. Seal package and send to the laboratory immediately in Express Post envelope.