

Newsletter

January 2024

In January 2023 Parascope became a registered company and we are proud of what we have achieved in our first twelve months, including constructing a purpose-built laboratory for carrying out our testing. We thank those who have supported us and value the services and advice that we provide. We look forward to assisting you in the future. We also wish you all the best for 2024!

New Website

Our website has now gone live. Updates will be ongoing as we add information and tools. Visit www.parascope.co.nz and let us know your thoughts and any suggestions on information you feel we need to provide.

LIVER FLUKE TEST NOW AVAILABLE!

We now have new equipment which allows us to provide a Liver Fluke test using the dung samples submitted to us. We can run this test as a standalone or use the same sample you submit for FEC testing. This investment demonstrates our ongoing commitment to our clients.

Referral Discount

Parascope is committed to assisting farmers maximise profits through an integrated approach to internal parasite control. If you like our services, please recommend us to a friend or neighbour. To show our appreciation, if you refer a new client, we'll give you a 10% discount on your next set of tests.

Interesting Results

With the length of time that we have been testing we can see interesting trends coming through. A number of clients had previously been told that they had triple drench resistance and had to use either Startect or Zolvix Plus. When trialling different triples on properties, we have found that at least one triple has worked (others have, to a lesser degree). On each property we get different results, but there has been a triple that works. This shows the importance of formulation and how drenches work within the animal and also, from property to property. We believe there are different genotypes of the same worm species which are more susceptible to one formulation over another. Talk to us about this and

how to put an integrated parasite management plan in place to help prevent the onset of resistance.

Considerations for the next three months

Barbers Pole (North Island and Upper South Island) – Warm, moist conditions are covering a lot of the country now which is perfect for Barbers Pole. If you are going to use a long-acting drench to cover for this (moxidectin based) then we would strongly recommend using an effective short acting drench as both a primer and exit drench. The primer, given shortly before the long-acting, eradicates existing worms from the animal. There is some moxidectin resistance now so by using a primer, the moxidectin has only to kill L3 larvae as they are ingested by the animal, and these are much easier to kill than adult worms. The exit drench should be used 14 days after the end of the registered cover length of the long-acting drench so as to kill any possible surviving resistant worms and those ingested during the 'tail' (sub-lethal time at the end of the long-acting drench's life in the body) to help prevent the onset of resistance and maximise production. Barbers Pole adult females lay up to 10,000 eggs per day, compared to the 50-500 (depending on species) of other worms, so controlling these is imperative!

Lambs and Calves – Young stock have little or no immune system for internal parasites so regular FEC tests should be carried out to ascertain if you need to drench or not. Less drenching is the goal, but not at the cost of production, hence monitoring is a must.

Quarantine Drenches – Make sure that all stock coming onto your property receive an effective quarantine drench on arrival. Then keep in a holding area with water for at least 24 hours to empty out before being allowed to enter the full farming operation so as to minimise the risk of importing resistant worms. For sheep, we recommend either using Zolvix Plus or Startect along with a white/clear combination (administered separately), giving four drench actives. For cattle, it has to be a Zolvix Plus and combination, as Startect is not registered for cattle.

For further information and advice please get in touch with us.

From the 'Did You Know' file

Did you know that current research shows that ruminant animals that have a heavy worm burden have a 33% increase of Methane emissions? This means that farmers carrying out a good integrated parasite management program are having a significant impact on reducing emissions!!

- *Reduce Time, Increase Profitability* -

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