

# Agilis Updates

## Sustained release drench capsules

Rearing young cattle on single species grazing systems may become very challenging as there is often no alternative species grazing to help reduce parasite burdens on the pasture.

The goal in young stock grazing areas is to grow grass and provide the perfect environment for parasites; shade, moisture and warmth, conditions which allow parasites to thrive. Constant grazing with the same species allows numbers to build up from early in the season to peak at high levels early autumn.

Regular drenching intervals help to control the parasite burdens, but still young stock may struggle. The problem is that in between drenches young cattle are ingesting immature worms (L3 stage larvae) that go on to mature into adult egg laying worms in approximately 21 days.

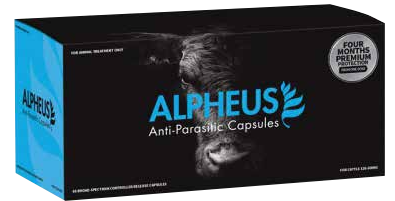
These L3 larvae tend to have production limiting effects as they cause gut damage which may directly or indirectly lead to appetite suppression. The end result is that maximal growth rates may not be attained.

A relatively new product on the market called Alpheus drench capsules is designed to ease calves through this difficult period.

The Alpheus capsules are a slow releasing drench capsule that floats in the rumen, releasing abamectin for 125 days which kills incoming larvae as they are ingested thus preventing them from causing gut damage. Parasites tend to be easier to kill in their L3 larvae stage than as adult worms.

The capsule comes with an oxfendazole/ levamisole combined primer drench tablet to kill all adult worms at insertion leaving the abamectin release to carry on killing any ingested larvae. At 125 days the capsule pay-out ceases abruptly ensuring no sub-lethal tail occurs. We do advise ensuring efficacy by egg counting at day 50 and 100 post insertion.

We have seen massive improvements in young stock growth rates with these capsules as when you take the larval burden away the calves only have to eat and grow.



If you have any questions about our product range please phone your Agilis rep today.

**0800 agilis**

## Hiprabovis 3

Hiprabovis 3 is a unique vaccine offering the very best of protection for young stock.

A trivalent vaccine containing antigens for protection from Bovine Viral Diarrhoea (BVD), Infectious Bovine Rhinotracheitis (IBR) and Para Influenza 3 (PI3). All three viruses are widespread throughout NZ dairy herds and can act singularly or together synergistically to cause illness and ill thrift in young replacement stock. Outbreaks of respiratory disease may lead to large growth checks in calves making it difficult to attain the necessary weight gain to reach the all-important target liveweights by mating.

Hiprabovis 3 comes in three convenient pack sizes, 80, 30 and 5 dose bottles so left-over doses are a thing of the past. Calves can have their first dose from 4 months of age and should be boosted 3 weeks later. Injection can be intramuscular or subcutaneous and following the booster vaccination offers 12 months protection.



Four separate products, Hiprabovis 3, Tracesure, Copasure and Alpheus drench capsules work together to protect young stock and ensure they can achieve their full potential.

HIPRABOVIS 3, COPASURE, TRACESURE AND ALPHEUS ARE REGISTERED PURSUANT TO THE ACVM ACT 1997, No: A07140, A008219, A11114, A011121

## Agilis is proud to supply Dairy Tech pasteurisers to New Zealand dairy farmers.

These batch pasteurisers are designed to heat treat 227 litres of colostrum in a batch up to 60 degrees centigrade and hold that temperature for an hour to kill contaminating bacteria and viruses while at the same time preserving the all-important immunoglobulins in the colostrum. Passive transfer is improved, and calves are generally healthier.

It's not too early to be thinking about next season now as it takes time to set up and get a system running smoothly before calving starts. Young stock health is paramount to having productive heifers enter the herd.

Discuss the pasteuriser option with your Agilis rep today. They can also set up a display in your clinic show room to help you and your farmer become familiar with the pasteurisers!



# Team Updates

Over the last couple of months, some of you may have noticed a change in our staff!

We welcome on board our new Sales and Marketing Manager Nadege Stoffel. Originally from France, Nadege has a degree in science and had initial plans to study veterinary science, but a trip to NZ changed this path. Nadege comes to us with experience as a sales director in NZ working in the tertiary education sector and publishing science books with a global reach! In her spare time, she loves tramping, walking her dog, travelling and all sorts of adventures in her campervan.

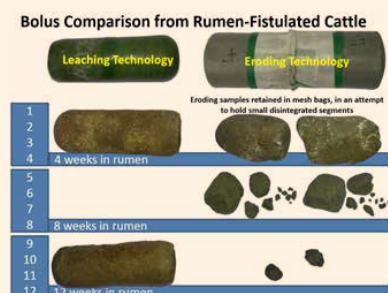
We also welcome back upper South Island territory manager and jack of all trades Sarah Harrison. Sarah is back on the road a couple days a week but available by phone/email 5 days a week. She welcomed a little girl "Elsie" back in July who made an early appearance! Which led to a slightly abrupt maternity leave!

Sadly we farewelled upper North Island territory manager Angela just before Xmas, in the interim Nadege will look after our wonderful customers in the upper North Island alongside Melinda Little (lower north island rep).

# Tracesure and Copasure

## Tracesure is a slow release rumen bolus that releases Selenium, Iodine and Cobalt daily for up to 6 months.

It supplies these trace elements via leaching technology which is best described as sucking the juice out of an ice-block. The elements are released in a consistent manner as surface area remains consistent unlike that of an eroding bolus. With eroding boluses, the surface area changes as the bolus erodes hence the amount of trace element released may also change. Not so with the leaching technology of Tracesure.



Using Tracesure removes the need for drenching, injecting, extra yarding yet you can have confidence that your calves are getting a consistent daily dose of the minerals they need. Tracesure for cattle come in two sizes: Tracesure calf delivers daily 3mg Cobalt, 1.5mg Selenium, and 9.5mg of Iodine while tracesure cattle delivers 3mg of Cobalt, 3mg of selenium and 19mg of Iodine daily for up to 180 days or 6 months. Tracesure cattle is recommended in cattle from 150-400kg in live weight. Above 400kg of liveweight, two boluses are required.

Copper is not provided in Tracesure but rather is provided in a separate gelatine covered capsule full of Copper Oxide Wire Particles (COWP) Copasure. Copasure comes in two sizes for cattle and deer, 12.5g and 25g with a 2g and 4g available for sheep and or weaner deer.

Copasure can be given with or without Tracesure as the delivery guns are designed to fit both a Tracesure bolus and Copasure capsule so that only one treatment is required. Giving copper orally is a safe and effective option for ruminants compared to injection with the gelatin capsule dissolving in the rumen releasing the copper oxide particles which get caught up in the folds of the stomachs of the animals eventually dissolving slowly in the acidic abomasum.

In summary, using Tracesure and Copasure your animals are receiving 5-6 months of selenium, cobalt, iodine plus copper without relying on variable dry matter intake or water systems. Having sustained continuous delivery allows your young stock to grow unchecked allowing them to maximise their future potential.

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