

# Agilis Updates

## Hiprabovis 3 in calves

Growing your heifer replacements to maximise their potential can be a difficult and challenging process.

Calves post weaning can face a wide array of challenges such as feed changes and parasite challenges along with social hierarchy changes. Combining these stressors may increase the risk of poor growth rates from disease challenges such as Bovine Viral Diarrhoea (BVD) and Infectious Bovine Rhinotracheitis (IBR). There is nothing more frustrating than getting great calves to weaning and then losing ground in the post weaning period due to disease. This may flow into less than satisfactory reproductive performance in the spring.

Calves becoming infected with BVD may have 6-8 weeks of poor growth rates and suffer immune suppression making them more susceptible to other diseases such as pneumonia, worms, coccidiosis and Yersinia outbreaks. The risk of infection causing scour and periods of ill thrift is quite real. This is most likely to occur when mobs from different sources are

mixed in a grazing situation with the risk of introducing a Persistently Infected (PI) animal. The outcome is poor growth rates despite having ample feed available. BVD can rob your replacements of their maximum potential.

IBR is caused by a Bovine Herpes Virus and causes sporadic outbreaks of nasal catarrh and conjunctivitis in calves. A very high temperature may occur which can precede more severe secondary infections along with a snotty nose and weepy eyes. Like all herpes infections, it may become silent and chronic but resurface if animals become stressed as may happen if feed becomes short in a dry period or a drench is overdue. Weight loss is a risk from this disease and being highly infectious, can lead to a true outbreak situation occurring with most animals in a mob becoming infected.

**Current research shows IBR is widespread in most dairy herds.**

Hiprabovis 3 is a uniquely placed vaccine combining Bovine Viral Diarrhoea (BVD) with Infectious Bovine Rhinotracheitis (IBR) and Para Influenza (PI3), to minimise the risk of poor growth rates from disease outbreaks. It is the only trivalent vaccine of its type giving protection from three common production limiting cattle viruses for the price of one commonly used BVD vaccine, making it the cost effective, broad spectrum, cattle vaccine of choice.

Using Hiprabovis 3 is an investment in the future of your herd, maximising the growth potential of your young stock and ensuring they arrive at mating well above their target mating weights. Vaccinating calves with Hiprabovis 3 promotes their overall health and well being placing them in a strong position to face the rigours of their future productive life.



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

**0800 agilis**

## New Product's

Agilis is pleased to announce the distributor ship of three products coming from NovaVive out of North America.

Amplimune, Settle and Equimune are welcome additions to our stable complementing our preventative non-antibiotic range. While Settle and Equimune will already be familiar in the equine world, Amplimune is a new registration for the **prevention of E.coli scours in new-born calves.**

**All three products are based on Mycobacterial Cell Wall Fraction**

**NovaVive**  
An immunobiology company

**(MCWF) technology which has been shown to be profound stimulants of the immune system.** The use of a non-pathogenic, saprophytic mycobacterium (*Mycobacterium phlei*) has avoided many of the side effects of other mycobacterium derived products. It is safe to use in food producing animals as it does not carry any antigens to *Mycobacterium bovis* (bTB) or *Mycobacterium avium* subsp. paratuberculosis (MAP) so has no risk of eliciting false positive reactions to tests.

**New products continued overleaf...**

**Amplimune** is an immunostimulant approved for the treatment of K99 Escherichia coli scours in calves. It activates an innate immune response to recognise, react to, and recover from infections. It is currently recommended to be administered intravenously to calves one to five days of age.

**Equimune** is a potent stimulator of mononuclear cells, inducing the release of IL-1 which intensifies both the cell mediated and humoral responses to infection. The recommendation is to use Equimune in horses at the first sign of respiratory disease caused by a viral origin. In the early stages of viral infection, Equimune reduces the time available for viral replication, the number of tissue cells affected, the degree of cellular damage and the duration of clinical signs.

**Settle** is approved for the non-antibiotic treatment of endometritis in mares particularly cause by Streptococcus zooepidemicus. It may be administered 1.5mls IV in the mare or delivered directly to the uterus after dilution in sterile water or similar to make up a final solution of 25-50ml. Settle has been shown to be a safe, effective, non-antibiotic therapy for nursing mares.



# Don't look a gift horse in the mouth!

There was a preacher who fell in the ocean and he couldn't swim.

When a boat came by, the captain yelled, "Do you need help, sir?" The preacher calmly said "No, God will save me."

A little later, another boat came by and a fisherman asked, "Hey, do you need help?"

The preacher replied again, "No God will save me."

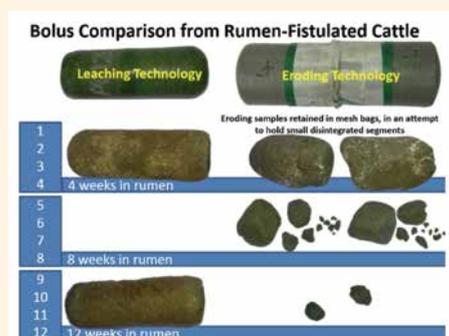
Eventually the preacher drowned and went to heaven.

The preacher asked God, "Why didn't you save me?"

God replied, "Fool, I sent you two boats!"

## BeSure with the combination of 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 and injecting minerals and any 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 and Tracesure cattle. 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.** This system of delivery is ideal for calves moving to remote run-offs post weaning where trace element delivery may be more difficult and removes the need for repeated yarding's. Having sustained continuous delivery allows your young stock to grow unchecked allowing them to maximise their future potential.

Please contact our Agilis team today

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