

Agilis Updates

Startvac

Startvac mastitis vaccine has been available in New Zealand for 4 years now and is slowly gaining a foothold in the dairy industry. It is used to protect against E.coli and Staph aureus infections as well as having general efficacy against gram negative pathogens and CNS infections. Numerous studies have shown positive effects of introducing a Startvac vaccination protocol into troublesome herds.

Key findings from studies are that the reproduction ratio of CNS reduced by 35% and Staph aureus by 45%. In both cases the reproduction ratio is reduced below 1 so that in theory Staph aureus would eventually fade out in vaccinated herds. In reality it highlights how vaccination is only one tool in the fight against mastitis and how there cannot be any let off in traditional methods of control.

Vaccination response was greater in young first calving heifers compared to MA cows, highlighting that once the damage is done it is more difficult to repair.

The Irish paper (which is more relevant to NZ conditions) showed increased cure rates, and reduced infections in first calving cows, increased milk production from vaccinated cows and a massive drop in cell count from 236,000 to 195,000.

Milk production and cure rate at lactation, in heifers and at dry-off, cure rate at lactation, in heifers and at dry-off, increased after vaccination. New infections decreased after vaccination and cure rate in heifers and at dry-off improved.

Finally, New Zealand work showed a reduction in BSSC between seasons in herds using Startvac.

References: Bryan et. al. 2016, World Buiatrics. Schukken et. al. 2014. Journal of Dairy Science. 97: 5250-5264.

In our recently published newsletter we made comment that Startvac was being used off label in the sheep and goat industry. As use in sheep and goats is not an approved use under the ACVM Act 1997, this comment should not have been included. We apologise for any confusion caused.



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

0800 agilis

Selekt

The Selekt range of nutritional supplements continues to go well with New Zealand veterinarians with the reminder that fluid therapy may be an important consideration when dealing with cattle.

The ease of use of the Selekt pumps removes the barrier (whether real or perceived) to tubing cows and supporting them with the appropriate product from the Selekt cow range. Supporting your cows is made easier using isotonic fluids via the oral route using an appropriate Selekt sachet in 20 litres of warm water, saving time and effort. The Selekt range is made out of pharmaceutical grade materials and is packaged in clean, tidy and convenient foil sachets making storage, transport and use a breeze. Talk to your local Agilis rep about use of the Selekt range today.



GESTAVET® PROST

GESTAVET® GnRH

While it is early to think about reproduction yet, consider the Gestavet range of reproductive hormones from Hipra laboratories from Spain. Tried and proven in New Zealand over a number of years now the Gestavet range are the only reproductive hormones available in New Zealand where quality is guaranteed through a stringently applied cold chain throughout the supply chain, direct to your door.

Gestavet-Prost is D cloprostenol which is the most potent luteolytic molecule known with a high affinity for ovarian and uterine receptors. As well as working extremely well on the ovary and uterus it has reduced nasty side effects on other tissues.

Together with the quality assured from the strict adherence to the cold chain and the potent luteolytic effects, the Gestavet range should spring to mind when considering your reproductive requirements in the spring.



Saved by the bell?

In 18th England they started running out of places to bury people. Consequently, people would dig up coffins and take the bones to a 'bone-house' and reuse the grave.

When reopening these coffins, 1 out of 25 coffins were found to have scratch marks on the inside and they realized they had been burying people alive. So they clergy decreed that they should tie a string on the wrist of the corpse, lead it through the coffin and up through the ground and tie it to a bell. Someone would have to sit out in the graveyard all night (the 'graveyard shift') to listen for the bell.

Thus, someone could be 'saved by the bell'. Also they could be considered a 'dead ringer'.



Pasteurisers

Agilis has just received their latest shipment of colostrum pasteurisers. Coming from Dairy Tech Inc out of Colorado in the USA these precision Low temperature Heat Treatment units were very popular last year.

The benefits of heat treating your colostrum mean diseases are less likely to be transmitted to young calves as pathogens are killed in the process and the transfer of all-important immunoglobulins to the new-born calf is greatly improved. This leads to healthier calves through the rearing process flowing on to healthier heifers entering the herd. The heat-treating process is carefully controlled to ensure the temperature of colostrum reaches but does not exceed 60 degrees centigrade. The 60 degrees is critical as any higher and the all-important immunoglobulins will be destroyed and any lower and pathogens will persevere.

REMEMBER: 60 degrees for 60 minutes!

The common theme from last year's installations is that calves have never been healthier and those that have gone with this technology would not go back.

Talk to your Agilis rep about the pasteurisation process and avoid disappointment of missing out on this latest shipment.



Please contact our Technical Sales Representatives

Sarah Harrison
Upper South Island

T 021 713 942
E sarah@agilis.nz

Melinda Little
Lower North Island

T 027 205 2610
E melinda@agilis.nz

Fleur Dickie
Lower South Island

T 027 205 2570
E fleur@agilis.nz

Angela Quinn
Upper North Island

T 027 245 9301
E angela@agilis.nz

Ivan Holloway
Technical Veterinarian

T 027 405 1716
E ivan@agilis.nz

agilis

0800 AGILIS | info@agilis.nz
www.agilis.nz