

Agilis Updates

Pasteurisers/Dairy Tech

Agilis is pleased to be able to bring you two new products from Dairy Tech of the USA. Dairy Tech pasteurisers and the "Perfect Udder" colostrum management system are designed to promote the hygienic collection, storage and feeding of colostrum to new born calves.

Pasteurisers heat treats colostrum to kill bacteria and major pathogens residing in colostrum such as Johne's bacteria, Mycoplasma bovis bacteria, salmonella species etc. The high bacterial content of a lot of colostrum being fed in New Zealand can impact on the ability of a calf to absorb the critical immunoglobulins and nutrients required to give them the best start in life. Research suggests that calves fed heat treated colostrum have better transfer of immunity at 24 hours compared to calves fed untreated or raw colostrum.

The heat treatment process requires the colostrum to be heated to 60°C and kept at that temperature for 60 minutes for pathogens to be destroyed. This can be done either in bulk or in the perfect udder bags which can be used to collect, treat and store colostrum in convenient 4L or 2L, sterile bags. Heat treatment of colostrum is a complex business and the dairy tech pasteurisers employ tightly controlled temperature regulation to ensure the protection of the colostrum proteins during the process. While fully automated, the colostrum or milk is processed with a sophisticated set of controls that ensure proper temperatures and times are strictly adhered to. Following completion of the cycle, a built-in pre-cooling feature rapidly cools the colostrum to ensure there is no regrowth of bacteria.

These sophisticated units are built out of high quality material and are supported with a 12 month warranty and world-wide sales and service.



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

0800 agilis

Selekt Glycerol Plus

We have a new addition to our Selekt range of nutritional products. Glycerol plus comes to you this autumn and fits nicely with rehydrating cows and supplying a readily available energy source.

Comprising of Glycerol and propylene glycol it has two glucose precursors in each one litre bottle. Glycerol rapidly converts to glucose while propylene glycol takes a little longer giving both a rapid and a slower sustained boost in energy. Combining glycerol plus with a restore sachet in 20 litres of water is an excellent treatment for anorexic ketotic cows in the spring. With the two glycolenic precursors combined it ensures that less doses of potentially toxic propylene glycol are required.



Health and well-being of your herds

So often we hear the clichéd statement about how the veterinary profession acts as the ambulance at the bottom of the cliff.

Many of us would rather be the fence at the top of the cliff instead but how is that possible with many treatments reactive to a certain scenario happening on farm.

If the current *Mycoplasma bovis* alert has shown us anything it has shown us that the wellness of your herds is extremely important when facing any form of adverse events. Overseas reports show an anecdotal evidence in New Zealand suggest that herds under stress exhibit a greater array of detrimental symptoms to *M. bovis* than herds not under stress. How best to avoid stress in your herds you may ask? Clearly ensuring animals are fully fed goes a long way but ensuring they are free from disease will add huge benefits as well. Vaccines such as Hiprabovis 3 and Startvac mastitis vaccine help to relieve stress on herds by limiting herds exposure to disease. This allows the immune system to be fully charged to counter pathogens that may be present that are unable to be protected against by vaccination. The important message is to control what you can control and not leave things to chance.

Of course, the other lesson we have hopefully learned is one of biosecurity. We need to be aware of who and what is coming onto our farms and where they come from. Many people run fairly-closed herds so the risk of disease coming in is from people or animals. Precautions need not be draconic but simple straightforward procedures need to be followed. The farming landscape may never be the same but with more thought of the overall wellness of your herds it may be even brighter than it was before.

Bovi-Thrive

Out of Africa comes Bovi-Thrive to you.

A specially formulated liquid drench which can assist in enhancing the immune system along with the growth and development of growing calves. Bovi-Thrive calf contains vitamins, amino acids, trace elements, fatty acids, nucleotides, prebiotics and copper which have shown to increase feed conversion efficiency and growth rates. Overseas trial work has shown calves fed Bovi-Thrive in their initial feeds grew a massive 15kg more over 42 days than their counterparts that were not fed Bovi-Thrive.

Currently Agilis is conducting a small on farm study to ensure that Bovi-Thrive will have similar positive benefits in growth rates and feed conversion efficiency under New Zealand conditions. One of the key effects of Bovi-Thrive is to stimulate the development of villi on the small intestine of calves hence increase the surface area for absorption of nutrients and improve the feed conversion efficiency. We look forward to sharing these results towards the end of autumn.



You cannot please everyone.

A man and his son were once going with their Donkey to market. As they were walking along by its side a countryman passed them and said : "You fool, what's a Donkey for but to ride is upon?"

So the Man put the Boy on the Donkey and they went on their way. But soon they passed a group of men. One of whom said : "See that lazy youngster. He lets his father walk while he rides."

So the Man ordered his Boy to get off and got on himself. But they hadn't gone far when they passed two women. One of whom said to the other : "Shame on that lazy lout to let his poor little son trudge along."

Well the Man did not know what to do. But at last he took his Boy up before him on the Donkey. By this time they had come to the town and the passers-by began to jeer and point at them. The Man stopped and asked what they were scoffing at. The men said:

"Aren't you ashamed of yourself for overloading that poor Donkey of yours - you and your hulking son?"

The man and Boy got off and tried to think what to do. They thought and they thought, till at last they cut down a pole, tied the Donkey's feet to it and raised the pole and the Donkey to their shoulders. They went along amid the laughter of all who met them till they came to Market Bridge when the Donkey, getting one of his feet loose, kicked out and caused the Boy to drop his end of the pole. In the struggle the Donkey fell over the bridge and his fore-feet being tied together, he was drowned.

"That will teach you," said an old man who had followed them:

Moral : You Can Not Please Everyone.

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