

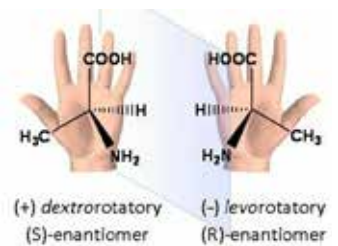
# Agilis Updates

## Gestavet

Agilis is very proud of its Gestavet range of reproductive hormones for use with reproduction in cattle. The Gestavet range includes Gestavet GnRH and Gestavet Prost and you can guarantee that when it arrives to you in a chilled state that it has been refrigerated all the way through the supply chain from the Hipra laboratories until arriving in your vet clinic. At no stage has it sat in potentially damaging conditions of extreme heat or cold, rendering it less active than when it left the factory. The whole of chain refrigeration of the Gestavet range can give you assurance that only the highest quality of product is arriving to your doors.

Gestavet GnRH is Gonadorelin at 0.1mg/ml to be given at a 1ml intramuscular dose.

Gestavet Prost is D-Cloprostenol at 75 µg/ml. Interestingly, not all prostaglandins are alike and in particular, not all cloprostenols are alike! Cloprostenol is a synthetic prostaglandin and considered to be the most powerful luteolytic molecule known so far. It has a high affinity for ovarian and uterine receptors and more importantly, reduced undesirable effects on other tissues. Within the cloprostenol molecule there are two different isomers, D-Cloprostenol and L-Cloprostenol. D-Cloprostenol is the dextrorotatory isomer of cloprostenol and L-Cloprostenol is the levorotatory isomer meaning they are the same chemical structure but mirror images of each other, not unlike your left and right hand, the same but not alike.



Our Gestavet Prost only contains the dextrorotatory form in its composition which means the concentrations do not need to be so high as ovarian receptors have 180 times higher affinity for D-Cloprostenol than for D-L Cloprostenol and uterine receptors have 10 times higher affinity for D-Cloprostenol than for D-L Cloprostenol ensuring the dextrorotatory isomer has a biological activity 3.5 times higher than the D-L form.

In addition, the levorotatory isomer not only has no luteolytic effect, but also creates an esteric impediment in the receptors, impeding the action of the dextrorotatory isomer resulting in the need for a higher dosage when using D-L Cloprostenol and leading to more collateral and unwelcome side effects because of its action on other tissues such as the intestines, vascular and respiratory system etc. All in all, a controlled cold chain from manufacturer to your door along with potent additives means you can use the Gestavet range with complete confidence.

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

0800 agilis

## Scour Ex

Have you heard about our new multi species scour product? New to NZ this year we have been receiving positive results this spring.

Designed to assist in the management of water, electrolytes and essential minerals during nutritional stress. Scour Ex can be used in calves, horses, pigs and sheep. Contains Mucopolysaccharides, prebiotics, electrolytes, nucleotides, fibres and vitamins.

Easy to use - two treatments, can be used in milk or water.



# HIPRABOVIS® 3

Hiprabovis 3 is New Zealand's only trivalent vaccine offering your cattle protection against respiratory viruses; infectious bovine rhinotracheitis (IBR) and parainfluenza 3 (PI3) as well as the bovine viral diarrhoea virus (BVD). This unique vaccine is one of a kind in New Zealand and it's 3 ml dose rate offers protection for all classes of cattle on farm. Able to be given either subcutaneously or intramuscular and in three convenient pack sizes ensuring the correct number of doses for however large or small your herd is.

Calves can be vaccinated from 4 months of age to assist with maximum growth rates by avoiding growth checks due to disease outbreaks.

Cows can be vaccinated prior to mating to protect them over the all-important mating period and to ensure overall wellness of the herd. Healthy, disease free cows are well producing cows.

Bulls need to be absolutely free of disease during mating to ensure they stay healthy and as fertile as possible. Hiprabovis 3 vaccination goes along way to meet those needs reducing the likelihood of nasty surprises come pregnancy testing time. Protect your bulls from IBR as well as BVD with the only vaccine capable of doing both at once.



## How to translate work emails.

I have a question = *I have 18 questions*

I'll look into it = *I've already forgotten about it.*

I tried my best = *I did the bare minimum*

Happy to discuss further = *don't ask me about this again*

No worries = *You really stuffed up this time*

Take care = *This is the last you'll ever hear from me*

Cheers! = *I have no respect for you*

## Pasteurisers

Agilis is proud to be distributing the Dairy Tech "Perfect Udder" batch pasteurisers from Colorado, USA.

We have been busy this spring assisting farms with the setting up and usage of these pasteurisers to ensure top quality disease free colostrum is being fed to their calves. This is not always an easy process and requires careful planning to implement successfully. Working closely with Dairy Tech, we have been able to successfully trouble shoot any minor teething problems with these units. The technology is exceptional and as time goes by we are building our understanding and knowledge of this process.

**The important points are:** Colostrum is a precious commodity and needs handling as such. Heat treating needs to be at 60 degrees centigrade (no more and no less) and kept there for 1 hour to ensure that the majority of major pathogens are destroyed in the process. Passive transfer of calves fed heat treated colostrum has been shown to be superior to untreated colostrum leading to healthier calves during the rearing process. Colostrum must be treated within 1-2 hours of collection but generally as soon as possible because bacteria proliferation in colostrum will lead to spoilage of the product leading to an unusable treated product. If planning to store colostrum prior to treating for any length of time it should be chilled to prevent spoiling. Please contact us with any queries around the pasteurisation of colostrum or waste milk for that matter.



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