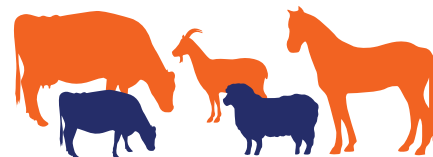


+ BioRESCUE

probiotics for the modern farm animal



A convenient & fast oral treatment paste with unprecedented strength

BioRescue's micro-encapsulated, multi-strain probiotic promotes immunity, recovery and improves digestion.

Rapidly absorbed, it delivers powerful probiotics and vitamin E at unprecedented levels.

Ideal for animals of any age that are stressed, sick, or at weaning.



*Available in 80g Tube / 300g Tube + Applicator

Active constituents

Lactic Acid Bacteria at no less than 1,000,000,000 cfu/g:

Enterococcus faecium, Lactobacillus acidophilus, Bifidobacterium longum, Lactobacillus plantarum, Pediococcus pentosaceus, Lactobacillus casei, Bacillus subtilis.

Total Yeast at no less than 1,000,000,000 cfu/g:

Saccharomyces cerevisiae

Vitamin E: 10 IU/g

Directions for use

Apply product directly onto or mix into feed at the following rates:

Cows: 10-15 grams for off-feed cows, at calving, or for stressed, sick, or downer cows.

Calves: 5 grams at birth, in times of stress, illness, disbudding, and as a re-inoculant post antibiotic therapy.

Lambs/Kids: 2.5grams at birth, or at times of stress of illness.



Photographer: Sheila Sundborg



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Colony Forming Units are the ‘trick question’ with probiotics

Three questions separate the pretenders from “the real deal” in probiotic efficacy, says the Australian-born grandfather of the live micro-organism debate.

Allan Hain (above) says there is no longer any question that quality probiotics work, and are an important part of the future of dairying. However, he warns that there are some important distinctions between product strength and modes of action of which farmers should be wary.

He believes these questions are directly linked to the results of which probiotics are capable. And, that they aren't being answered well enough...

Much of this highly focused, passionate probiotic advocate's career has been in “good bacteria”, with his work giving him strong credibility on the subject throughout Australasia since 1998.

His dogged curiosity also drew him to microbiologists at the highest levels in North America, and to the best products coming out of the United States, Japan, Austria and Germany. It also helped him lay some important groundwork for vital applications for probiotics in the dairy and calf sheds in 2020.

Three Questions Allan Says Farmers Should Ask...

Allan urges farmers to ask 3 questions before they choose their personal probiotic path:

1. What is the number of live cells per gram, expressed as “colony forming units per gram” (CFU) – or “strength”?
2. The product stability/ viability (whether it is liquid or powder, and its shelf life)?
3. What are they are blended with (being active live yeast, enzymes or probiotics)?

Allan said, “One of the problems in this business is that farmers don't have all the information they need to make informed decisions about what they are buying.

“As soon as there is a health challenge on-farm, you need a high CFU count, viability [shelf life], and micro-encapsulation in order to change outcomes.

“There has been a lot of work done over the years, and while people mostly focus on single-strain yeasts, the probiotics and enzymes also have a synchronistic action in the rumen, and when they are formulated in the right combinations at the right strength, they make a powerful product.”

Why strength matters

In describing the digestive tract of cattle, Allan said there's “a war in there”.

“The more soldiers we have in there the better, and some soldiers in the probiotic world come better equipped for the fight than others. It's as simple as that. I don't know anyone using higher concentrations than us.

“There are myriad sub-par products out there now, which have very low amounts of CFUs. And when farmers buy very low amounts of the active ingredients in these products, it's a concern.”

Australian vet agrees

Australian veterinarian and former dairy farmer Dr Robyn Plunkett strongly agrees with Allan. Not only has she used the products, she now works with him in Australia.

Robyn said, “New Zealand farmers may not be aware, but to this point everyone was talking about millions of CFUs in probiotics. In these formulations we're talking billions – and, that's the critical difference.”

“To this point everyone was talking about millions of CFUs in probiotics. In these formulations we're talking BILLIONS – and, that's the critical difference.”

– Dr Robyn Plunkett, BVSc

GI tract drives immunity

Allan says the lower gastrointestinal (GI) tract drives 70-80% of a mammal's immunity, and getting the right concentrations of probiotics to that sweet spot isn't easy. So, there is no question in his mind that the micro-encapsulated probiotics in BioRescue are critical.

“The micro-encapsulated coating allows them to bypass the rumen and come to life in the lower GI tract, where they outcompete pathogenic bacteria and do their best work.”

Immunity delivers results

Fuelling a healthy immune system leads to other vital, and more subtle, conversations.

“There is a reason one calf gets sick and another doesn't. It's usually because of suppressed immune function in those calves.

“If you've got strong immune function, and a strong load of beneficial organisms in the lower GI tract, it makes sense your calves can fight infection. And, we all know that healthy calves make highly productive cows.”

Early feedback from the first Kiwi users:

“Hey Di. I'm loving the BioRescue paste you sent up. I used a whole tube on a cow who was down with low Phosphorus levels. She was down for five days. The poor girl had a pinched nerve too. I gave her the paste on day three, by day four she was eating, and by day six she was up, along with getting her Phosphorus levels right. I reckon the paste got her eating, and that made a massive difference to her recovery. I kept her to once-a-day milking to day 10, and she's now back in the herd and doing great. I'd thoroughly recommend this product.”

– Cole, Wardville

“This paste is legit...I had a calf in the middle pen that wouldn't drink yesterday, and he didn't look happy. I gave him 5g of the BioRescue paste. He was the only one waiting at the gate for milk this morning, and he drunk like a champ.”

– Rachel, Rangiora

“So, it's [BioRescue] worked. Thanks so much, I can report that the calves that were on death's door last night with one pooling straight blood are up and getting themselves to the feeder unaided. One was bouncing around the pen tonight, and you would never know she was so very sick. I've never seen calves turn around so quickly. I went from having tears streaming down my face when hubby turned up to the calf shed yesterday, to instead having tears of relief and joy tonight. So, thank you. I will be telling my vet what I've used, and definitely passing this information onto other calf rearers.”

– Michelle, Mossburn

Dianna Malcolm reared Bluechip Apple Spice (below) who sold for AUD\$101,000 aged three months at Bluechip Genetics in 2012. Photo: The Weekly Times.

