

- **Overcome health issues**
- **Reach target weights earlier**
- **Maximize heifer production**
- **Go OAD early**

Once farmers experience what Calf Xtreme is capable of, they have the confidence to feed their calves higher rates of milk than they thought was possible.

Jayne from Otorohanga starts her calves off with 2 two litre feeds of colostrum. Then they are on once a day feeding with as much milk as they want. These calves are only 7 days old getting 7 litres once a day with their Calf Xtreme. Later on they will be cut back to 5 – 6 litres prior to weaning



What are the benefits of growing calves fast from a young age?

- **Extra heifer milk production:** In a University of Illinois trial (Dracley et al.) there was a 10% increase in protein from first lactation heifers that had been grown faster at a young age. After weaning, weights for the two groups of calves were equalized so there was no difference in calving live-weight. The researchers concluded that the results in terms of extra heifer milk production will be most pronounced when calf growth rates are accelerated from birth to 3-5 weeks of age. Other studies show that this is because calves are laying down more tissue for future milk production at a very young age.
- **Labour savings with once a day feeding from an earlier age:** Because of improved digestion with Calf Xtreme in the rumen, good consumption of meal, hay and grass is being achieved at relatively high rates of once a day feeding of milk.
- **Earlier weaning:** If calves are initially fed a high rate of milk with no digestive upsets they will simply grow faster, reaching weaning weights earlier. Providing grass and meal consumption is adequate there should be no post weaning check.
- **Improved post weaning growth rates:** If there is better digestion in the rumen and we don't get a digestive upset then we believe there is improved rumen development and calves grow faster after weaning off milk.



(photo of calves at 9 months of age)

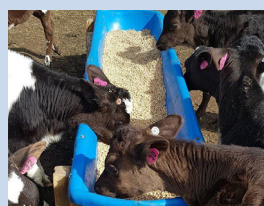
"I have been rearing calves now for 40 yrs and everyone has always said I rear such nice calves but these ones have been a cut above the rest. Their post weaning growth rates have been so impressive. Best I have ever reared."
Julie – Matamata

Since 2017 over 130,000 calves have benefited from Calf Xtreme. In 2019 we saw countless farms overcome Rotavirus and other disease challenges just by using treatment doses of Calf Xtreme.

Why does Calf Xtreme allow us to feed high rates of milk without getting nutritional scours?

Milk goes down the oesophageal groove, by-passing the rumen going directly to the abomasum. This is where milk is digested but the abomasum of a newborn Friesian calf only has the capacity to hold 1.2 litres of milk. The rest back-flows into the rumen where it can cause digestive upsets. With traditional calf rearing systems we try to avoid nutritional scours by restricting the calf's intake but this means we are also restricting their genetic ability to grow. The specific strain of live yeast in Calf Xtreme helps stabilize the rumen at high volume milk intakes and directly stimulates cellulose digesting bacteria and appetite. It also allows the 5 digestive enzymes in Calf Xtreme to help digest meal, hay and grass.

Scott from Tirohanga fed these calves 8L in the morning and was amazed at how they were smashing back the grass before midday.



"Geez they can put the milk back!!". These calves in Richmond Downs are on a high volume of milk (6-7L) and at 4 weeks old they're also putting away 2kg of grain per day!"
Stuart - Richmond Downs

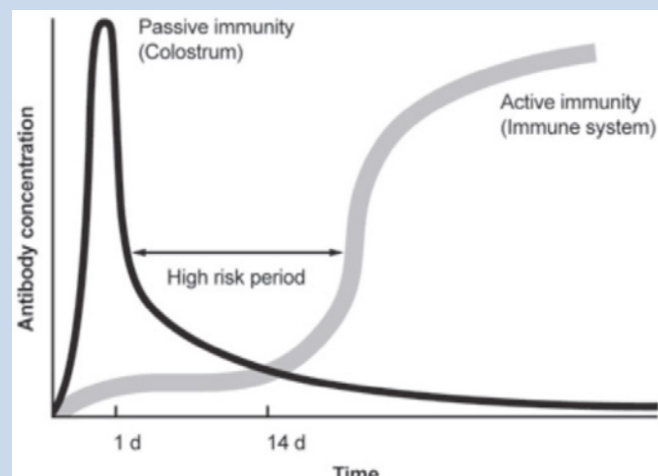
Use Calf Xtreme Probiotic Booster to revolutionise calf rearing

Chris Collier: 027 4591 761 | Matt Collier: 021 234 1713 | South Island - Stuart: 021 247 7405
Southland - Wayne: 027 226 8905 | Nelson district - Lissie: 027 302 9773

PROBIOTIC REVOLUTION



Calf Xtreme contains 5 selected strains of micro-encapsulated probiotic bacteria. For health challenges we recommend using Calf Xtreme Plus because it contains 4 times the bacterial dose/gm. Because the probiotic bacteria are micro-encapsulated they can pass through calves stomachs undigested to get to the lower gastrointestinal (GI) tract. Here they proliferate and it is in the lower GI tract where 75 – 80% of all mammals' immune function arises. Daily seeding of these bacteria are needed to inhabit the GI tract and proliferate, thereby helping to exclude pathogens and boost the immune system. Initially a calves protection against disease comes from antibodies contained in their first drink of colostrum. This is called passive immunity because the calf didn't produce these antibodies. This immunity fades rapidly and there will also be disease challenges that are not covered by antibodies in colostrum. Calf Xtreme Plus is fortified with a very strong dose of bacteria to boost a calf's own immune system in these situations. This is called active immunity.



"This year I have gone to a OAD system from about day two. 5L initially and up to 6L plus. The savings on labour has been great. We've also had a touch of Rotavirus but with how the calves tidy up using a double dose of Calf Xtreme, I'm not at all concerned about them."
Nick - Te Awamutu



*Hey Matt
 Calves are doing great and looking fantastic. Thanks for the advice to up the dose, seems to have kicked the rotavirus"*
Georgie - Matamata

"This was one of my worst seasons for trying to rear calves. They were coming out of the paddock with scours but we lost only 1 out of 60 and treated 3 with electrolytes. Our main line of defence against scours was Calf Xtreme Plus. We have not used any antibiotics and look at how they have bounced back! This is the second year we have used Calf Xtreme Plus. I farm near Opunake and we have had the worst drought ever so we naturally look at all of our costs to see where we can cut back. I will treat Calf Xtreme like fertilizer and won't cut back on it just because I had a bad year. Our young stock are our future and we have to give them the best possible start."
Troy - Coastal Taranaki



While Calf Xtreme will help overcome low level disease challenges, if your calves get sick while on Calf Xtreme we recommend the following steps:

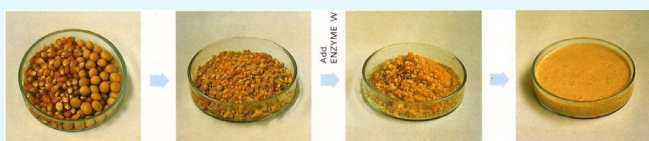
1. Analyse which disease your calves have and treat as your vet recommends. Note: Because our bacteria are micro-encapsulated they are designed to be protected from antibiotics.
2. Use Calf Xtreme Plus with milk in once a day feeding, with electrolytes and antibiotics at the other feed.
3. Use 2 gm/calf/day to speed up calf recovery in most cases of scours such as Rota-virus, change of diet and calf dehorning. For severe cases such as Crypto 4 gm/calf/day can be used.
4. A binding agent in the calves feed will slow the passage of our probiotic in the gut to help retain our bacteria and allow them to work.

"I rear 4000 calves each year and have used a number of other leading Probiotics. Nothing has ever worked like Calf Xtreme does in the high risk period at the start"
Adam - Atiamuri



INGREDIENTS:

P7 Active dry yeast | 5 Strains of Probiotic bacteria
 5 Digestive Enzymes | Delivered at 12 billion cfu's/dose



Quantity	Price	Calves reared	Price/calf
1kg	\$215	20	\$10.75
2.5kg	\$495	50	\$9.90
3 kg +	\$552 +	60+	\$9.20
10kg	\$1700	200	\$8.50

Price/calf based on standard daily dose of 1gm/calf and 50gm/calf used to rear a calf.

Use Calf Xtreme Probiotic Booster to revolutionise calf rearing

Chris Collier: 027 4591 761 | Matt Collier: 021 234 1713 | South Island - Stuart: 021 247 7405
 Southland - Wayne: 027 226 8905 | Nelson district - Lissie: 027 302 9773

PROBIOTIC REVOLUTION

