



NuStart for calves is a product developed by International Animal Nutrition Company, Provimi Holland. Provimi under the SCA Nutec banner is known for its expertise in developing and researching diets for young animals, with particular emphasis on calf and piglet diets.

NuStart is a unique premix developed for inclusion in Calf Milk replacers and quality calf weaner feeds. It is a natural blend of essential oils, plant extracts, Fructo-oligosaccharide, Pre-Biotic, minerals and vitamins, designed to stimulate appetite, enhance gut development and inhibit the growth of non desirable bacteria. It works by stimulating the digestion of fat and protein in milk, making more energy and amino acids available for calf growth. It has also been shown to reduce growth checks at weaning, improve growth rates and feed conversion rates.

What is it?

A nutritional supplement that can be included in Milligans Calf Milk Replacer and Inghams/Winslow Calf feeds.

A supplement that contains:

- Fructo-Oligosaccharide FOS, functional fibre
- Blend of essential herbs and oils
- Pre-Biotic
- Minerals and Vitamins

What does it do?

This blend is specifically formulated to improve digestive tract development and immune response in the young calf.

- Promotes rumen development
- Encourages early feed intake
- Reduces wastage
- Reduced checks on weaning

What effect does it have on the calf?

By aiding feed intake, and rumen development, contributes to better growth rates and improvement in feed conversion efficiency.

- 20 kg increase in live weight gain 0 – 12 weeks
- 17% improvement in growth rate
- 11% improvement in food conversion efficiency.
- By enhancing the calf's natural immune system, less incidence of disease and healthier calves.
- Source Myerscough College 2002.

This means:

- Optimum growth rate
- Healthy and content calves
- Reduced production costs
- More profit
- Peace of mind

NuStart comes with a good trial and commercial pedigree and used extensively in commercial calf feeds and milk replacers within Europe and the UK.

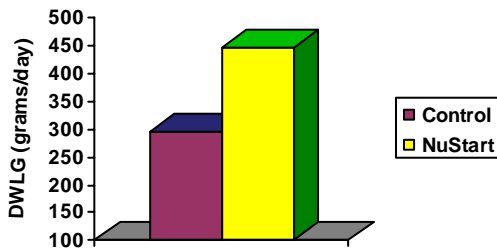
Could these impressive figures be repeated under New Zealand rearing conditions?

NuStart New Zealand Trials – Paul & Kathy Furness, Whakatane

NuStart Trial design

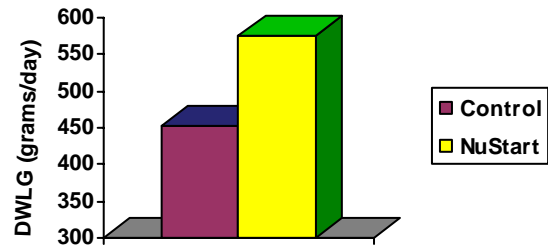
- Two groups of 20 calves (Friesian cross)
- All calves received colostrum for 3 days
- Milligans Calf Milk Replacer with and without NuStart introduced on day 4.
- Calf meal with and without NuStart introduced from 7 days of age
- Calves weaned at 6 weeks of age

Early Growth Performance 0 – 5 weeks



50.8% Increase

Growth Performance 0 – 10 weeks



26.6% Increase

NuStart Summary

- Increase dry feed intake
- Enhance rumen development
- Increase live weight gain
- Healthier and stronger calves
- Reduce rearing period
- Reduce age to first calving

Concurrently, independent trials conducted by On-Farm Research at Poukawa on 196 Friesian calves, showed that calves fed NuStart tended to have lower mortality, higher feed intakes and a greater number of calves were able to be weaned at 6 weeks. Whilst these differences were not statistically significant, confirmed the earlier trial results toward improved growth rate and overall acceptance of diets containing NuStart.

For calf rearers wishing to try the NuStart programme, Milligans Calf Milk Replacer will have available this year a NuStart inclusion as an option.

Give your calves the Start of a Lifetime programme with NuStart.