

## Early growth, for lifetime yield

The purpose of any calf rearing facility is to manage a fit and healthy calf, giving it every opportunity to become a productive and profitable ruminant. Cleanliness, hygiene, comfort and good nutrition are all crucial to achieving a healthy calf and all can be considered a worthwhile investment for the future.

Many studies have been conducted to show a significant response to lifetime length and production levels when calves are fed good levels of quality feed, to drive growth rates pre puberty. Rumen development is key to this production response, especially in systems where forage is the main ingredient within the diet.

Lallemand Animal Nutrition are world leaders in rumen management and have many years' experience, with a wealth of research to substantiate their portfolio of gut health modifiers.



**Levucell<sup>®</sup> SC** is a specific species of live yeast, used in diets to stimulate the development of rumen microflora and drive nutrient utilization. The early and healthy development of the rumen is key to a calf's growth and therefore future production, as this will allow a greater energy intake and nutrient conversion.

Trial work conducted on calves fed Levucell SC for up to 90 days yielded growth rate increases from 70 grams/day to 130 grams/day, compared to calves that did not receive Levucell SC, other health improvements were observed, although not documented. This growth rate increase is a key management factor, as age at weaning can be reduced, which can free up valuable labour.

Of course optimum growth rates can only be achieved while health status is high, and whilst a mature rumen has the ability to neutralize many toxins, a young rumen is extremely susceptible to negative bacteria which can be freely ingested.



**Agrimos** is a yeast cell wall ( rich in beta-Glucans and Manno-Oligosaccharides) which is manufactured from a specifically chosen yeast strain to deliver a consistent quality product. Agrimos is used widely in monogastrics, and now more regularly in young ruminants to help maintain intestinal health by reducing the colonization of harmful bacteria. These harmful bacteria (such as clostridia species) can be found in calf pens, yards and even pastures.

Where possible, all efforts should be made to grow and develop a healthy, strong calf and take advantage of the best possible response to feeds that the calf will ever achieve.

If you want to invest in your herds future, ask for Levucell SC and Agrimos to be included in Denver Stock Feeds high quality calf rations.