# **Product Information**

# **NuStart**®

For the start of a lifetime

Getting animals off to a good start will contribute to replacement heifers calving down at 24 months, well grown beef animals and lambs reaching target weights on time.

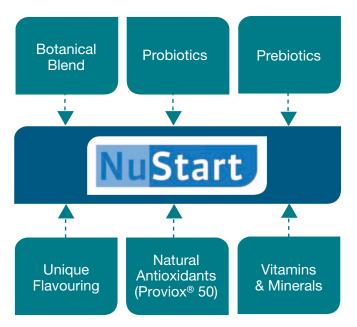
# The NuStart<sup>®</sup> difference: for good health and extra growth

Good health and immunity is vital in young ruminants. NuStart<sup>®</sup> is a unique gut conditioning package with added vitamins and minerals, to accelerate gut development, reduce digestive upsets and increase solid feed intake.

# Supporting young ruminants from birth to weaning and beyond:

NuStart<sup>®</sup> is incorporated into our calf and lamb colostrums, all our ProviMilk calf and Shepherdess and Lambkin lamb milk replacers and is also available for inclusion in starter feeds. This provides a strong link between liquid and solid feeding which helps ensure a smooth and successful weaning process.

#### What does NuStart<sup>®</sup> contain?







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#### **Benefits**

#### Improved performance:

- Enhances solid feed intake and improves feed conversion efficiency.
- Promotes rumen development to reduce any checks in growth at weaning.
- NuStart<sup>®</sup> incorporated in lamb starter ration resulted in two weeks earlier to finishing.
- Calves achieve up to 15% more growth when this unique package is included in their calf milk replacer.
- When fed NuStart<sup>®</sup> in calf milk replacer and starter feed, calves at 12 weeks achieved 17% more growth and were 9kg heavier.

#### Promotes good health:

- Balance of beneficial gut microflora aiding efficient digestion.
- Proviox<sup>®</sup> 50 can complement and regenerate vitamin E and boost immunity during the critical pre-weaning phase.

#### Successful weaning:

- NuStart<sup>®</sup> aids in developing the digestive system and reducing a check in growth at weaning.
- Improved performance in early life reduces the overall cost per kg growth and increases profit.





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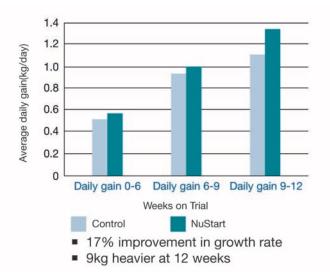




# Figure 1. Effect of NuStart<sup>®</sup> on Lamb Performance



# Figure 2. Effect of NuStart<sup>®</sup> on Calf Performance



#### **Feeding instructions:**

- NuStart<sup>®</sup> can be fed from birth and throughout the pre-weaning period (first 12 weeks of life).
- NuStart<sup>®</sup> can also be incorporated into starter pellets and blends for calves and lambs.
- When offering a starter pellet or coarse mix containing NuStart<sup>®</sup>, offer it after colostrum or from day-three onwards.

Cargill's NuCalf colostrum contains NuStart<sup>®</sup>. All ProviMilk calf milk replacers and Shepherdess and Lambkin lamb milk replacers contain NuStart<sup>®</sup>. NuStart<sup>®</sup> is also available as a farm pack for on-farm mixing.



Provimi<sup>®</sup> is brand of Cargill; a family-owned company with more than 150 years' experience in developing food and feed ingredients. Cargill develops results-oriented nutritional solutions and feeding programmes, which in turn help producers grow their business. Premixes and concentrates, speciality feeds and additives are produced under the Provimi<sup>®</sup> brand.



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