



SPECIALTY INGREDIENTS

Gro Mega is a Grober Nutrition developed, proprietary encapsulated form of tributyrin for use in milk replacer. Other sources used in animal nutrition include butyric acid salts. By encapsulating tributyrin, pungent odour is eliminated compared to other butyrate products and we are able to deliver butyric acid molecules to the cells of the lower gut.

Pro Gro contains pre and pro-biotic sources, yeast cell wall components, and essential oil blend and supplementary B vitamins. Blending these ingredients together and adding them to milk replacer formulas, provides added protection and regulation to the calf's gut.

Our milk replacers that include the **A+** logo, have been mildly acidified with organic acids to lower the pH level of the milk. These acids are added to the milk replacer at time of manufacture, which lowers the pH of the solution once mixed.

The **Protein Encapsulated Fat (PEF)** used in our milk replacers is manufactured by Grober Nutrition LLC, a Member of the Denkavit Group, in an edible grade production facility in Auburn, NY. To produce PEF, fats and oils are combined with dairy ingredients to form a protein encapsulated oil droplet, and then spray dried to produce a powdered fat product containing up to 60% fat.



Protein
Encapsulated
Fat

GRO MEGA

Features & benefits

- By encapsulating, the pungent odour normally associated with butyrate products is eliminated
- Improved gut development and integrity
- Increased feed efficiency

Included in these products

- High Performance™
- Excel™
- Achieve™
- CalfGro A+™

PRO-GRO

Features & benefits

- Probiotics provide a source of healthy bacteria
- Prebiotics provide an energy source for healthy bacteria
- Yeast cell wall contains mannan oligosaccharides and β -glucan, which agglutinate (bind) to pathogenic bacteria
- A strategic blend right in the milk replacer for easy use, every day

Included in these products

- Achieve™
- High Performance™
- Excel™

A+

Features & benefits

Mild acidification of milk replacer is associated with the following benefits:

- Reduced scouring
- Increased intakes
- Lower pH in the abomasum
- Expected to improve digestion of milk ingredients by facilitating the clot formation

Included in these products

- CalfGro A+™
- VealGro A+™
- LambGro A+™
- KidGro A+™

Protein Encapsulated Fat

Features & benefits

- Source of lactose that is very palatable
- Increase energy density of ration
- Mechanism to deliver bioactive ingredients
- Consistent quality
- Stable emulsion, maximum surface area for digestion

Included in these products

- All milk replacers produced by Grober Nutrition Inc.