



# MILK REPLACER

## PRODUCT GUIDE

# CALVES

REPLACEMENT HEIFERS, BEEF & VEAL



RIGHT FROM THE START™

# YOUR YOUNG ANIMAL

At Grober Nutrition, we are a proud family-owned Canadian business. Blending the art and science of



## why feed milk replacer?

Milk replacer offers dependable and consistent nutrition allowing you to grow a vibrant and healthy business.

Milk from bulk tanks or individual cows varies in protein, fat and total energy. Waste milk is often lower in total nutrients compared to bulk tank milk. Pasteurization of whole milk significantly lowers vitamin activity.

## protein

Our milk replacers are based on optimal amino acid profiles to support growth and development.

Protein is essential for young animal growth, immunity and development. Proteins are large molecules made up of individual amino acid combinations.

We use dairy co-products as our primary sources of protein. Whey, whey protein concentrate and skim milk powder are most often used to provide protein and lactose in our milk replacers.

## vitamins & minerals

Our specifically manufactured premix offers improved solubility of vitamins and minerals to ensure uniform mixing and suspension. Offering your calves a consistent meal bag after bag.

Did you know, over 20 different components are needed in a vitamin/mineral premix to fulfill a calf's full potential.

## energy

Energy equals calories. Calories equal growth and development.

Our milk replacers are formulated with optimal ratios of protein:fat. These formulas of protein:fat will maximize efficient growth and preparedness for weaning.

To ensure maximum digestibility, we select a combination of premium edible grade fats.

Lactose is used to provide energy. Young animals have limited gut enzymes, but they do have lactase; lactose can be broken down into simple sugars and used as a readily available energy source.



## our research

The Grober Young Animal Development Centre (GYADC) is our central research facility showcasing the latest in young animal nutrition, husbandry, management, and technology.

It is the only facility in North America to house animals individually and in groups under one roof, and compare trial results for both systems.

# ANIMAL SPECIALISTS

Science of young animal nutrition to bring you premium products for your farm and your success.



## focused on fat

Premium products start with quality ingredients. And we only want the best.

After many years of sourcing dry fat, we've made the commitment to work exclusively with state-of-the-art partners to bring the best dry fat to our products.

Early on in life, calves get most of their energy from lactose (milk sugar) and highly digestible fats. Fats that are short-chain fatty acids are easier for calves to digest through saliva and gastric enzymes.

Fat is more than just energy, it offers other beneficial qualities for calves such as, antimicrobial properties. By specifically selecting unique sources of short, medium, and long chain fatty acids, the dry fat we use is uniquely designed.

Through a process of applying indirect heat and homogenization, we offer better encapsulation for a smaller fat droplet size which directly affects digestibility.

## our commitment to quality assurance

Quality means everything. In our on-site laboratory all raw materials must pass specific standards. All finished products are tested before leaving the plant to ensure quality standards are met and surpassed.

## OUR PROMISE IN EVERY BAG

**01** We have taken the European basics, adapted them to North America and advanced the technology to reflect the nutritional needs of your farm and young animals.

**02** We know more than just milk replacer. Our experience reaches beyond nutrition to housing, management, husbandry, and more. Raising animals is full of challenges. Let our team work with you to ease the challenges and see your potential growth.

**03** Our experience comes from more than just science and the lab. Over the last 45 years, we've worked hands-on with farmers and industry experts and continue to conduct practical in-house research trials. Making sense of it all to optimize our products for you.




Grober Nutrition is a proud participant in the HACCP (FeedAssure™) accreditation program. With our own internal commitment to superior quality, providing excellent products is always our top priority.





RIGHT FROM THE START™

CANADIAN HEAD OFFICE  
162 Savage Drive, Cambridge ON N1T 1S4

[www.GroberNutrition.com](http://www.GroberNutrition.com)  
1.800.265.7863 |   

# CALF PRODUCT GUIDE

## DAIRY CALVES

	PROTEIN/FAT	ADDED COMPONENT	MILDLY ACIDIFIED	RECOMMENDED FOR	FEATURES & BENEFITS
ACHIEVE™	24/22			• Replacement heifers	<ul style="list-style-type: none"> <li>Utilizes fat sources for energy requirements and protein sources for lean growth</li> <li>Formulated for correct energy density to fit a variety of feeding management situations - meets calorie needs for neonatal calves, small breeds and cold seasonal challenges</li> <li>Efficiently optimizes protein provision for structural growth</li> </ul>
EXCEL™	26/18			• Replacement heifers	<ul style="list-style-type: none"> <li>Made with premium dietary protein to stimulate lean tissue and structural development</li> <li>Formulated with balanced fatty acid and amino acid profiles and combined with highly bioavailable micronutrients, resulting in optimal and sustained growth</li> <li>Well researched at the Grober Young Animal Development Centre</li> </ul> <p>*Excel is suitable to be used as a milk extender, where powder is mixed into water and then added to whole milk - increasing the concentration of solids</p> <p>*Excel is also available with Deccox</p>
HIGH PERFORMANCE™	22/17			• Replacement heifers	<ul style="list-style-type: none"> <li>Balanced to efficiently meet energy and protein requirements for growth</li> <li>Formulated to deliver a proper blend of easily digestible proteins, balanced fatty acid and amino acid profiles</li> <li>Highly bioavailable micronutrients, resulting in optimal and sustained growth</li> <li>Well researched at the Grober Young Animal Development Centre</li> </ul>
CALF GRO A+™	22/17		✓	• Replacement heifers	<ul style="list-style-type: none"> <li>Mildly acidified milk replacer that is a useful management tool for sustaining growth and vitality</li> <li>Designed for beneficial daily live weight gain and optimal health in dairy heifer with optimal levels of vitamins &amp; minerals</li> <li>Excellent palatability with special ingredients for enhanced health (organic selenium, blend of organic acids)</li> </ul>
EQUALIZER™	24/17/17	Alternative dairy protein		• Replacement heifers • Dairy beef calves	<ul style="list-style-type: none"> <li>Formulated to strategically optimize steady growth of calves using quality plant proteins and balanced amino acid profile</li> <li>Field tested as an alternative to milk protein milk replacer during times of increased feed costs</li> <li>Designed to optimize early growth in heifer calves</li> </ul>

**AUTOFEEDER APPROVED** - Grober Nutrition milk replacers are designed to easily fit into a successful autofeeder program. Consult a Grober Nutrition representative for advice on autofeeder set-up and how to optimize your program for the best results.

## VEAL & BEEF CALVES

	PROTEIN/FAT	ADDED COMPONENT	MILDLY ACIDIFIED	RECOMMENDED FOR	FEATURES & BENEFITS
ALPHA VEAL™	25/22/19	Alternative dairy protein		• Dairy beef calves • Grain veal calves	<ul style="list-style-type: none"> <li>Contains a strategic inclusion of quality plant proteins and balanced amino acid profile for steady growth</li> <li>Formulated to provide an advanced plane of nutrition for elevated structural growth and ingredient technologies to complement good calf management</li> <li>Improves hydration, calf vigor, stimulates appetite and milk intake to provide nutritional support during higher stress periods</li> </ul>
VG™	21/18/19	Alternative dairy protein		• Dairy beef calves • Grain veal calves	<ul style="list-style-type: none"> <li>Contains a strategic inclusion of quality plant proteins and balanced amino acid profile for steady growth</li> <li>Contains highly digestible wheat gluten, lowers cost and encourages grain intake</li> <li>Less lean muscle mass, but higher body mass for earlier weaning onto a full grain fed program</li> </ul>
VEAL GRO A+™	21/18/19	Alternative dairy protein	✓	• Dairy beef calves • Grain veal calves	<ul style="list-style-type: none"> <li>Mildly acidified milk replacer designed to optimize early growth</li> <li>Useful management tool for sustaining growth and vitality in grain-fed veal calves</li> <li>Strategic inclusion of quality plant proteins and balanced amino acid for growth</li> </ul>
HIGH CONVERSION™	20/15			• Dairy beef calves • Grain veal calves	<ul style="list-style-type: none"> <li>Designed for economical calf rearing by meeting basic nutrient requirements for marginal steady growth, can be further amplified with Grober Nutrition's recommended feeding schedule</li> </ul>

**AUTOFEEDER APPROVED** - Grober Nutrition milk replacers are designed to easily fit into a successful autofeeder program. Consult a Grober Nutrition representative for advice on autofeeder set-up and how to optimize your program for the best results.

## COLOSTRUM & OTHER CALF PRODUCTS

PRODUCT FEATURES		GREAT COWS START WITH HEALTHY CALVES
<p><b>GroStart™</b></p> <p>Quality meets convenience. GroStart™ guarantees quality colostrum with 100 IgG in a convenient feeding package. Just add water, give it a good shake, and feed.</p> <p>GroStart™ is an all-natural bovine colostrum supplement that prevents Failure of Passive Transfer (FPT), packaged to make feeding quick and biosecure. Research has shown that 100 IgG protects calves from most common infectious diseases and increases health and productivity. GroStart™ is designed for the on-the-go farmer who values calf health and growth.</p>	<p><b>ON-FARM COLOSTRUM MANAGEMENT</b></p> <p><b>Cleanliness</b> - keep animals, environment and feeding tools clean.</p> <p><b>Delivery Time</b> - within 6 hours of birth for the first feeding and another feeding within 24 hours.</p> <p><b>Quality of Colostrum</b> - work with your vet to test your calves for total protein. That will help ensure the right program is in place for success.</p> <p>Consider a colostrum replacer guaranteed to have 100 IgG's per feeding, proven to deliver successful passive transfer.</p>	
<p><b>Calf's Choice Total®</b></p> <p>Calf's Choice Total® provides 100 IgG's to calves to protect from infectious diseases. Premium colostrum supplement that prevents Failure of Passive Transfer of immunity from cows to their calves.</p> <p>This product is a spray-dried bovine colostrum that's been heat treated for safety and is free of all pathogenic bacteria.</p>	<p><b>ON-FARM CALF MANAGEMENT RECOMMENDATIONS</b></p> <ul style="list-style-type: none"> <li>Feed multiple times per day to stabilize pH of the abomasum.</li> <li>Encourage a strong suckling reflex. This allows milk to flow into the abomasum for proper digestion.</li> <li>Grain and water should be introduced early on. Allow calves to explore their environment and taste feedstuffs.</li> <li>Clean, dry bedding is the foundation of a good calf program.</li> <li>Any abnormal events (illness, dehorning, vaccination, etc.) should be followed up with a greater volume of milk replacer at the next meal. Calves will burn more energy when stressed. Sucking will help calm calves and nutrition will help replenish energy reserves.</li> </ul>	
<p><b>FIRSTgro™ Calf</b></p> <p>Don't chicken out when it comes to early immune challenges, activate a natural defense for your calves with FIRSTgro™.</p> <p>Laid by strategically vaccinated hens, this spray dried whole egg premix product activates your calf's vitality. FIRSTgro™ contains antibodies that create a nutrient shield against rotavirus, coronavirus, clostridia, cryptosporidium, various E.coli and various salmonella species.</p> <p>Take action for your calves and provide them with improved health, successful growth and reduce your costs.</p>		
<p><b>drySTART™</b></p> <p>Minimize stress and create an environment for success, by making drySTART™ part of your management program.</p> <p>drySTART™ is an effective drying agent and deodorizer, designed for a wide range of species and applications on-farm. Dry bedding will optimize overall environment, resulting in improved health and growth on your farm.</p>		