



MILK REPLACER
PRODUCT GUIDE

LAMB & KID GOATS

SMALL RUMINANT

RIGHT FROM THE START™

YOUR YOUNG ANI

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



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 animals 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 lambs and kids a consistent meal bag after bag.

Did you know, over 20 different components are needed in a vitamin/mineral premix to fulfill lamb & kid goat'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.

MAL SPECIALISTS

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



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.

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.

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™

SMALL RUMINANT PRODUCT GUIDE



	PROTEIN/FAT	ADDED FEATURES	RECOMMENDED FOR	FEATURES & BENEFITS
DAIRY LAMBGRO™	24/35	40% coconut	<ul style="list-style-type: none"> • Replacement ewes & rams • Market lambs • Dairy lambs 	<ul style="list-style-type: none"> • Specifically designed to grow exceptional replacement milking ewes for milking herds, ensuring maximum growth potential for earlier breeding and milk yield • Formulated with optimal concentration to match the nutritional profile of ewe's milk • Highly digestible nutrients for young lambs and contains antioxidants to promote health and immune function
LAMBGRO™	22/28	40% coconut	<ul style="list-style-type: none"> • Replacement ewes & rams • Market lambs • Dairy lambs 	<ul style="list-style-type: none"> • Made with 100% milk protein sources and balanced amino acid profile for optimal growth and metabolic needs for lambs • Designed for beneficial early growth and development for replacement feeding in multiple birth or orphaned lambs • Formulated with optimal vitamin concentrations, prebiotic, and essential oils for gut health • Well researched at the Grober Young Animal Development Centre
LAMBGRO A+™	22/28	Mildly acidified 40% coconut	<ul style="list-style-type: none"> • Replacement ewes & rams • Market lambs • Dairy lambs 	<ul style="list-style-type: none"> • All of the advantages of LambGro™, with added benefits of: <ul style="list-style-type: none"> • Mildly acidified (pH 5.60) with organic acids to reduce the pathogen load in the gastrointestinal tract • Excellent mixability and palatability

EXPIRY DATES - All Grober milk replacers have a 12 month shelf life from the manufacture date printed on the side of bag.

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.



	PROTEIN/FAT	ADDED FEATURES	RECOMMENDED FOR	FEATURES & BENEFITS
CAPRILAIT™	24/19	40% coconut	<ul style="list-style-type: none"> • Replacement doe's & bucks • Market kids • Dairy kids 	<ul style="list-style-type: none"> • Specially formulated for the future dairy doe with a combination of nutritional components to optimize structural growth for high performing lactating goats • Lower fat to protein ratio for lean growth with specific protein for ease of digestion • Contains prebiotic, essential oils, organic selenium and chelated trace minerals for effective absorption • Researched at the Grober Young Animal Development Centre
KIDGRO™	22/25	40% coconut	<ul style="list-style-type: none"> • Replacement doe's & bucks • Market kids • Dairy kids 	<ul style="list-style-type: none"> • Provides highly digestible nutrients for multiple birth kids, meat kids, and dairy kids • Contain prebiotics and essential oils to promote health and immune function and amino acid balance for optimal metabolic controls
KIDGRO A+™	22/25	Mildly acidified 40% coconut	<ul style="list-style-type: none"> • Replacement doe's & bucks • Market kids • Dairy kids 	<ul style="list-style-type: none"> • All of the advantages of KidGro™, with added benefits of: <ul style="list-style-type: none"> • Mildly acidified milk replacer beneficial for early growth and organic acids to reduce pathogen load in the gastrointestinal tract • Excellent palatability and mixing • Researched at the Grober Young Animal Development Centre

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COLOSTRUM & OTHER PRODUCTS

PRODUCT FEATURES	GREAT EWES & DOES START WITH HEALTHY LAMBS & KIDS
<p>LambGro/KidGro COLOSTRUM™</p> <p>Quality premium colostrum supplement that provides triple benefit protection from hypothermia, disease, and lack of immunity.</p> <p>LambGro/KidGro Colostrum™ is a premium colostrum supplement that prevents Failure of Passive Transfer (FPT) of immunity for lambs and kids. Newborn lambs and kids should receive their first feeding of LambGro/KidGro Colostrum™ as soon after birth as possible, and no later than 6 hours of age.</p>	<p>5 C's OF LAMB & KID GOAT CARE</p> <p>Colostrum - quality of colostrum is defined by the amount of immunoglobulins, energy level, and cleanliness. This cannot be defined by analyzing colour or thickness with the naked eye.</p> <p>Since no antibodies cross the placenta of the dam before birth, lambs and kid goats need colostrum immediately after birth in order to survive and thrive.</p> <p>Calories - young lambs and kid goats require the right balance of fats, proteins, vitamins, and minerals. Ensure that does/ewes are producing adequate milk for optimal growth of these young animals. If not, a supplemental milk replacer can help to provide readily available energy to maximize your feeding program.</p> <p>A gradual 10 day weaning program is vital to transitioning lambs and kid goats from a milk based diet to a ruminant diet. Weaning can begin when lambs reach 2.5x birth weight. Optimize your weaning program by providing fresh water and a creep pellet (introduce at a few weeks old).</p> <p>Consistency - ensure that you and those responsible for your young animals value the importance of maintaining consistency. Enforce feeding times, weigh your milk replacer for the correct concentration, and follow the mixing instructions. These are simple yet very effective strategies to implement.</p> <p>Digital scales are the most accurate for measuring milk replacer. Ensure that the milk replacer is delivered at a temperature between 38-42° C for optimal palatability and digestion.</p> <p>Cleanliness - keep animals, their environment, and feeding tools (buckets, whisks, bottles, nipples, etc.) clean. The transfer of disease and bacteria can cause high infection rates and high pre-weaning mortality.</p> <p>Comfort - a draft-free and well ventilated environment is the first step to young animal comfort. Preventing rapid temperature fluctuations will allow young animals to maintain consistency and health.</p> <p>Providing deep bedding will allow young animals to better regulate their body temperature and maintain warmth, thus reducing their energy maintenance requirements, and allowing their consumed nutrients to contribute to growth.</p>
<p>drySTART™</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>	
<p>ECO FEEDER</p> <p>The nanny you've always needed. The Grober ECO Feeder is an automated feeding system that provides consistency and healthy growth for your young lambs and kid goats. No more hand or mobb feeding! A consistent warm supply of milk is always available for lambs and kids to feed frequently and in small meals. Mimicking natural feeding preferences.</p> <p>Ad-lib feeding The ECO Feeder prepares fresh warm portions with the correct mixing directions every time. A built in boiler ensures that the water is kept at the desired temperature so that each meal is provided warm, with no variation. Powder is precisely dispensed and intensively mixed so each meal is fresh, nutritionally balanced and ready.</p> <p>Automated technology for everyone With a clear front facing display panel, the ECO Feeder is easy to operate, offering a compact seven segment display. Configuring your water and milk replacer size is effortless with the direct selection buttons. A digital display records how many mixes have been made, making it an easy visual to monitor how much your lambs or kids have been eating.</p> <p>Always warm, always ready The ECO Feeder has a built in boiler with temperature sensors to ensure that the milk is always mixed at the right temperature. The boiler can easily be set and checked.</p> <p>Group feeding size The ECO Feeder comes standard with 8 feeding stations per machine. Depending on size and age of the lambs or kids, approximately 20-30 animals can be fed per feeding station.</p>	

