

Denkavit: Milk Replacer Partner

To continue to provide our customers with premier young calf technology and service, Poulin Grain has partnered with Denkavit to produce our premium line of calf milk replacers.

Denkavit is the specialist in young animal nutrition with over sixty years of knowledge, research and experience in the field of providing the highest quality calf milk products with proven results.

A Global Company With a Northeast Focus in the US:

Supporting the long term viability of dairies in our region by manufacturing in the Northeast & sourcing ingredients produced on Northeast farms.

High Quality Ingredients:

Providing excellent palatability and digestibility, supporting improved health and growth.



Research and Development:

Products are intensively researched in Denkavit's in-house lab and Innovation Center, and extensively tested in three large research farms for proven and practical results.

On Farm Support Team:

In partnership with your Poulin Grain nutritionist, Denkavit provides exceptional tech support for optimized calf management on your farm.

Features for Optimized Calf Health and Growth

Poulin Grain's premium milk replacers optimize the maximum potential genetic expression of calves' growth, health and production:

**DOUBLE BIRTH WEIGHT BY 60 DAYS OF AGE • 55% MATURE COW WEIGHT AT BREEDING
82-85% MATURE COW WEIGHT POST-CAVING • 80% MATURE MILK AT FIRST LACTATION¹**

BALANCED FATTY ACID PROFILE

Broader source of energy for growth and optimal weight gain. Mimics whole milk profile and is more efficiently utilized.

MEDIUM CHAIN FATTY ACIDS

Highly digestible sources to allow for maximum energy to be quickly allocated to growth and development.

SUPERIOR MIXABILITY

Protein encapsulated fats provide unique technology for superior mixing, and improved fat digestibility for increased performance.

ALL MILK PROTEIN

For maximum protein digestibility and utilization by the calf.

MOS PREBIOTIC

Yeast extract prebiotic to develop and support a healthy gut microbiome and increase nutrient absorption.

ORGANIC TRACE MINERALS

For optimum bioavailability, including readily absorbed selenium.

BOVATEC[®]

For the control of coccidiosis. (Not in Calf Care 22-20).

CLARIFLY[®]

Seasonally added to help decrease fly populations. (Not in Calf Care 22-20).

¹Growth and production markers are not guaranteed. Results may vary depending on management. Work with your Poulin Grain nutritionist for best results. (Bovatec[®] is a registered trademark of Zoetis, ClariFly[®] is a registered trademark of Wellmark International)

POULIN GRAIN MILK REPLACER FEATURES:

| Tag Color | Product | Description | Protein | Fat | All Milk Protein | Bovatec® | Clarify® | MOS | b-Glucan | MCTs | Organic Trace Minerals | Plasma |
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AlphaLine® milk replacers provide superior young calf nutrition for powerful performance.

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| With Clarify* | AM2618 AlphaLine® Milk 26:18 | Superior fat:protein ratio and enhanced calf nutrition for lean gain and optimal biologic growth. | 26 | 18 | ✓ | ✓ | seasonal | ✓ | ✓ | ✓ | ✓ | |
| With Clarify* | AM2620 AlphaLine® Milk 26:20 | Superior calf nutrition with a higher fat content, providing additional energy for cooler temperatures and year round feeding. | 26 | 20 | ✓ | ✓ | seasonal | ✓ | ✓ | ✓ | ✓ | |
| With Clarify* | PMB50 AlphaLine® Milk Builder | Compliments pasteurized milk with enhanced vitamins, minerals, milk solids, coccidia prevention and (seasonal) fly control to assure sleek growth. | 25 | 10 | ✓ | ✓ | seasonal | ✓ | ✓ | ✓ | ✓ | |

OPTI-MILK®

Opti-Milk® is formulated to support high intakes and average daily gain. As Poulin Grain's original line of premium milk replacers, Opti-Milk® products remain tried and true customer favorites.

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|---------------|---|---|------|----|---|---|----------|---|---|---|---|---|
| With Clarify* | ARCTIC Opti-Milk® Arctic | Higher protein:fat ratio yields excellent year round calf performance, as well as meets nutritional demands during cold conditions. | 23 | 22 | ✓ | ✓ | seasonal | ✓ | ✓ | ✓ | ✓ | |
| With Clarify* | ACT2322 Opti-Milk® Acidified Arctic | Acidified with organic acids to lower the pH, moderating meal size, and allowing for free choice, once daily feeding. (pH 4.6-4.8). | 23 | 22 | ✓ | ✓ | seasonal | ✓ | ✓ | ✓ | ✓ | |
| With Clarify* | BOV2420 Opti-Milk® 4 Seasons | Developed to deliver year round, high performance and produce slick calves with competitive stature and condition. | 24 | 20 | ✓ | ✓ | seasonal | ✓ | ✓ | ✓ | ✓ | |
| With Clarify* | OMES Opti-Milk® Essential | All of the essential premium nutrition to support healthy young calf growth and set the foundation for their productive future. | 22.5 | 20 | ✓ | ✓ | seasonal | ✓ | ✓ | ✓ | ✓ | ✓ |
| | BM2220 Calf Care™ 22:20 | Multi-purpose, non-medicated economical replacer for a healthy start and growth for any calf. | 22 | 20 | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ |

All Milk Protein: For maximum protein digestibility and utilization by the calf.

Bovatec®: For control of coccidiosis, and improved rate of gain and feed efficiency.

Clarify®: Helps decrease fly populations by stopping them in their larval stage.

MOS: (mannan oligosaccharides) yeast extract prebiotic to develop and support a healthy gut microbiome.

b-Glucan: A natural prebiotic that promotes the innate immune system's ability to fight pathogens.

MCTs: Medium chain triglycerides allow for maximum energy to be quickly allocated to growth and development.

Organic Trace Minerals: Provide optimum bioavailability.

Plasma: Enhances IgG levels for optimal intestinal environment and protection against pathogens.

Bovatec® is a trademark of Zoetis Services, LLC. Clarify® is a trademark of Wellmark International.