# Calf milk replacer formulations with the weather in mind.



**AVAILABLE IN ORIGINAL AND** 

PROTEIN BLEND



# A SEASONAL APPROACH TO CALF NUTRITION.

LAND O LAKES® Cow's Match® ColdFront® and WarmFront® calf milk replacers feature unique technologies.

An enhanced fatty acid profile

More efficiently utilized by the calf, regardless of environmental conditions

L-carnitine

- -Increased rate of fat oxidation; increased efficiency of utilizing stored fats to help calves better tolerate stress
- -Exclusively supplemented in calf milk replacers from Land O'Lakes Animal Milk Products Company\*
- -Necessary in adequate supply to maintain optimal health1

**Digestarom®** 

An exclusive essential oil/botanical that has been research proven to enhance weight gains, milk replacer and starter intake, and improve feed:gain ratio<sup>2</sup>

Protein Blend option

Uses a similar approach as in baby formulas and is based on a blend of highly digestible proteins that complement each other

Exclusive active microbials

These probiotics aid in the early development of a healthy gut microbiome. A well-balanced gut microbiome assists calves in addressing health challenges, breaking down nutrients for energy and supporting immune responses. Our active microbials dissolve in water and will not settle out of suspension, allowing for consistent levels of probiotics in every feeding.

Full potential nutrition delivers a difference you can see in the hutch and the bulk tank.



Cow's Match® calf milk replacers offer a complete nutrition package to support calf growth and performance.



Research showed calves fed more nutrients from milk/milk replacer early in life are more likely to be productive as adult cows.<sup>3, 4</sup>

Land O'Lakes Answer Farm Research Studies; CT 06-05 and CT 04-10 and CT 08-11. Because of factors outside of Land O'Lakes' control, results to be obtained, including but not limited to animal health and performance, financial performance, profits, losses or otherwise, cannot be predicted or guaranteed by Land O'Lakes.

<sup>&</sup>lt;sup>2</sup> Land O'Lakes Answer Farm Research Studies; CT 06-2010; 16-2010; 01-2011, 08-2011.

<sup>3</sup> Soberon F and M.E. Van Amburgh 2013. The effect of nutrient intake from milk or milk replacer in pre-weaned dairy calves on lactation milk yield as adults: a metaanalysis of current data. J. Anim. Sci. 91:706-712.

<sup>&</sup>lt;sup>4</sup> Overton M.W. et al. An economic comparison of conventional vs. intensive heifer rearing. Proceedings of 2014 Mid-South Ruminant Nutrition Conference.

# Cow's Match<sup>®</sup> ColdFront<sup>®</sup> and WarmFront<sup>®</sup> Product Family



#### **Original**

Seasonal milk replacer formulas that deliver full potential nutrition.

Cow's Match <sup>®</sup> ColdFront <sup>®</sup> Original	PROTEIN 26%	<b>FAT</b> 20%
Cow's Match <sup>®</sup> WarmFront <sup>®</sup> Original	PROTEIN 27%	<b>FAT</b> 10%



#### **Protein Blend**

Whey protein has become one of the dairy industry's most valuable products, and with increased demand for whey protein as a high-quality protein for human consumption, calf milk replacers must compete for a share of the ingredients, increasing costs.

To address this challenge, Land O'Lakes Animal Milk Products Company made it a research priority to develop calf milk replacer formulations featuring a blend of proteins that save investment cost without sacrificing calf performance.

Cow's Match <sup>®</sup> ColdFront <sup>®</sup> Protein Blend	PROTEIN 27%	<b>FAT</b> 20%
Cow's Match <sup>®</sup> WarmFront <sup>®</sup> Protein Blend	PROTEIN 28%	<b>FAT</b> 10%

### Helping calves reach their full potential.

Cow's Match<sup>®</sup> ColdFront<sup>®</sup> and WarmFront<sup>®</sup> provide the ideal balance of nutrition and gut supporting technologies to help calves maximize growth and performance year-round.

## COLDFRONT

## Seasonal feeding – the ideal approach to calf nutrition.

In cooler temperatures, calves require more dietary energy for maintenance of body condition, optimal growth and immune function.

Cow's Match® ColdFront® calf milk replacer was developed to deliver optimal combinations of protein, energy and feed technologies to help during times of cold stress.



In warm weather conditions, calves' energy requirements are reduced. Transitioning to WarmFront® calf milk replacer can result in greater feed efficiency and bottom line potential.

Cow's Match® WarmFront® calf milk replacer is formulated with a unique combination of carbohydrates that is correctly balanced for when temperatures moderate.

# Transitioning Products

WarmFront® Calf Milk Replacer Feed when temperatures moderate.

If feeding WarmFront® calf milk replacer with ClariFly® Larvicide and Bovatec®, continue feeding for 30 days past fly season.

ColdFront® Calf Milk Replacer
Transition back to ColdFront® calf milk
replacer in the fall, as temperatures drop.

CONTACT YOUR LOCAL LAND O'LAKES ANIMAL MILK PRODUCTS COMPANY DEALER TODAY Iolmilkreplacer.com | (800) 618-6455