

Get your Calves off to a GREAT Start  
Available Through STAR GRO PRODUCTS INC.

# Choose **Calf's Choice Total™ HiCal** for IMMUNITY with an EXTRA BOOST of ENERGY!



Provide your calves with  
immunologically potent  
and energy rich colostrum  
**SAFELY**

**Made in Canada.  
Made for Canada.**

Dairy calves in Canada need both immunity and energy to survive and thrive through typical Canadian conditions.

**Calf's Choice Total™ Hi-Cal** natural colostrum is uniquely formulated to meet both the immunity AND nutrient needs of newborn calves. **Hi-Cal** is also free of pathogens causing diseases like Johne's.

**Potent Immunity Coverage** – Prevent Failure of Passive Transfer (FPT) with a single dose of **Hi-Cal** delivering 100 grams of IgG (globulin protein) to every newborn calf.

**Naturally Balanced** – **Hi-Cal** is colostrum as the cow intended, rich in IgG1 (95% of total IgG amount) that not only contributes to general immunity but also specifically helps to reduce risk of scours and pneumonia.

**Combat Hypothermia** – **Hi-Cal** is the richest source of natural colostrum fat among replacer and supplement products. It provides extra metabolizable energy to produce body heat and avoid "chilled calves"... in extreme weather conditions or dystocia.

**Safe** – Since each dose is free of diseases that can be transferred from dam to calf through infected colostrum, such as Johne's Disease, Bovine Leukosis Virus, and Salmonellosis, **Hi-Cal** helps reduce the risk of spreading these dangerous diseases to the next generation of herd replacements.

Manufactured by:



*the*  
**colostrum  
experts**

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## The Life Saving Importance of Natural Colostral Fat in Calf's Choice Total™ HiCal

Much has been written about the important role of colostrum in transferring immunity to newborn calves. But colostrum also transfers important nutrients. One of the most important nutrients is colostral fat. Calf's Choice Total™ products contain high levels of natural colostral fat, but **Calf's Choice Total™ HiCal** contains an **EXTRA BOOST of ENERGY!**

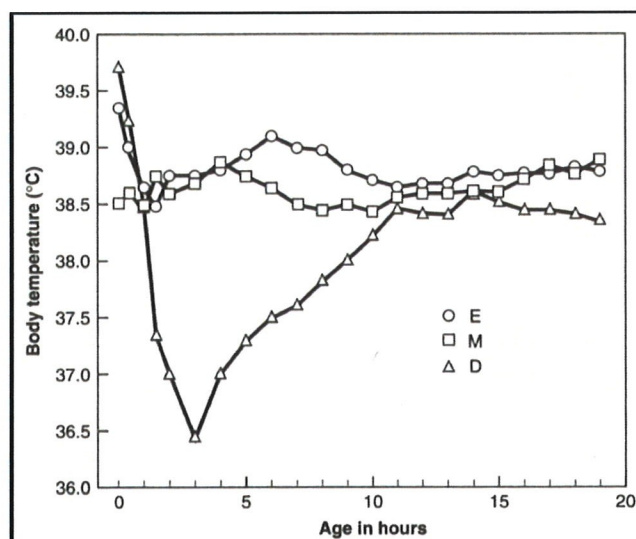
### *The unique benefits of colostral fat\*:*

- ▲ Provides an immediate energy source; the only nutrient that supports brown fat metabolism to produce body heat.
- ▲ Fat globule membrane has anti-rotavirus and anti - *E.coli* activity.
- ▲ Initiates liver fat metabolism for long -term productivity benefits.
- ▲ Transfers the fat soluble vitamins A, D, E, and K.



**USDA estimates that 95,000 calves die each year from hypothermia.**

Product	IgG	Grams of Fat (Avg)
Calf's Choice Total™ 100	100g	105
Calf's Choice Total™ HiCal (High Calorie)	100g	175



Rectal temperature of calves after normal birth (E) or moderate (M), and severe (D), dystocia. M. Vermorel et al. 1989. Can J An. Sci. 69:113.

**Calf's Choice Total™ HiCal can help maintain body temperature in the calves that are most susceptible to hypothermia:**

- ▲ Dystocia Calves...  
...which experience a much greater drop in body temperature and take longer to recover (see figure) and where voluntary colostrum consumption may be reduced by as much as 74%.
- ▲ Calves exposed to cold weather.
- ▲ Calves born to dams with low or uncertain colostrum quality or quantity.



**Real All Natural Maternal Bovine Colostrum**

**\*Products made from blood or whey DO NOT contain natural colostral fat and the oils they contain DO NOT provide the benefits of colostral fat.**