

# **HeadStart**<sup>®</sup>

# COLOSTRUM REPLACER & SUPPLEMENT

*HeadStart*<sup>\*</sup> *is a research-proven, whole bovine colostrum product that producers can rely on to maintain health and optimize growth in their calves.* 

# WHOLE BOVINE COLOSTRUM

Made with whole bovine colostrum. Not a manufactured formula based on whey, egg or other ingredients not naturally found in maternal colostrum. Whole colostrum provides an excellent source of colostral protein, growth factors, and nutrients to maintain health and optimize growth in calves.

### **HIGH IMMUNITY**

Each bag contains 60g IgG (26% IgG) in 225g whole bovine colostrum powder. IgG molecules are readily absorbed for maximum immune protection. Broad spectrum of antibodies to combat against a wide range of calfhood disease challenges.

### **RICH IN COLOSTRAL FAT**

An important energy source required by calves immediately after birth. Colostral fat is proven to help calves maintain body temperature through harsh hot or cold environmental conditions.

### SAFE AND EFFECTIVE

CFIA Veterinary Biologics licensed for use as a total replacement for maternal colostrum so calves can achieve successful passive transfer of immunity.

### SOURCED FROM LOCAL DAIRIES

The only colostrum product made using Canadian dairy colostrum and packaged in Canada.

# CONVENIENT

Mixes easily in under 15 seconds! 3-year shelf life.





TYPICAL ANALYSIS (PER BAG)			
Ingredients	Bovine Colostrum		
Net Weight	225 g		
Bovine IgG for Immunity	(60 g) 26.6%		
Colostral Fat for Energy	18%		

HeadStart® is trusted by producers and recommended by veterinarians to ensure calves receive the immunity, colostral fat and other critical factors found in colostrum and required by calves shortly after birth.

This first meal establishes a healthy immune system, replenishes energy and provides essential nutrients and growth and metabolic factors to survive the first vulnerable weeks of life. Research has proven that calves receiving an excellent dose of colostrum go on to become thriving, productive animals in the herd.

# **INDICATIONS**

To replace or supplement maternal colostrum as an aid in the treatment of Failure of Passive Transfer (FPT) in newborn calves.

# DIRECTIONS

#### To replace or supplement maternal colostrum:

Mix and feed according to package directions. Calves should receive the first feeding as soon as possible, preferably within 2 hours of birth for maximum absorption of antibodies. Calves should receive a second feeding of colostrum within 8 hours.

Supplement dose should be fed in addition to available maternal colostrum. Replacer dose can be given in place of maternal colostrum when quality or quantity of maternal colostrum is poor or unknown.





# To Replace or Supplement Maternal Colostrum

Feeding Purpose	Number of Bags	Amount lgG Fed	Amount of Water	Final Volume Fed
Supplement	1 (225 g)	60 g	2.5 cups (0.6 L)	0.8 L
Replacement	2 (450 g)	120 g	5 cups (1.2 L)	1.6 L
Replacement	3 (675 g)	180 g	7.5 cups (1.8 L)	2.4 L

\*Use a nipple bottle where final volume is less than 2 L.

# SCCL

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