



# HEADSTART<sup>®</sup>

## IMMUNITY + ENERGY



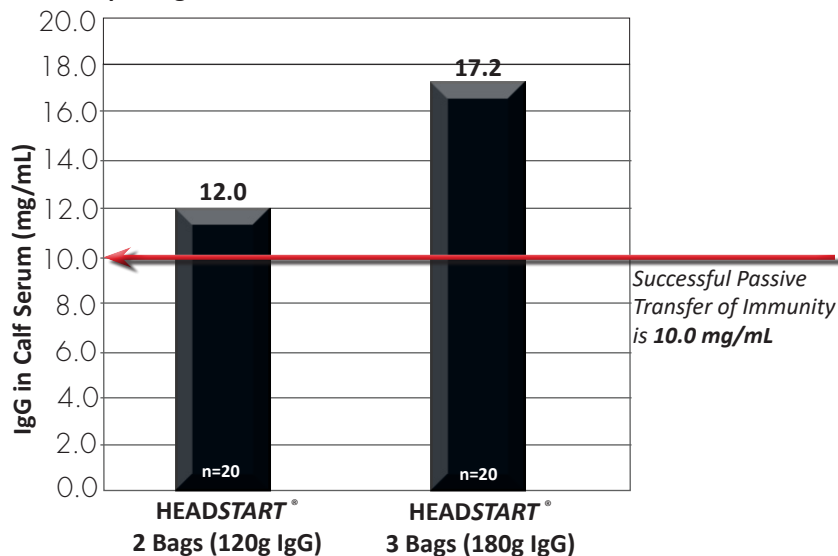
### INDICATIONS

- » HEADSTART<sup>®</sup> has a high % IgG and is intended for calves needing extra immunity.
- » HEADSTART<sup>®</sup> is a natural bovine colostrum powder that is rich in colostrum fat, a critical early source of energy for newborn calves.
- » HEADSTART<sup>®</sup> may be used to supplement or completely replace maternal colostrum.
- » HEADSTART<sup>®</sup> is made only from natural, premium quality bovine colostrum. It is an excellent source of IgG (over 85% in the form of IgG1), colostrum fat, growth factors, and nutrients needed to improve calf survival, health, growth, and long term performance. HEADSTART<sup>®</sup> is not a manufactured formula based on blood serum, whey, eggs, vegetable fats or other ingredients not naturally found in colostrum.

### FEEDING RECOMMENDATIONS

- » The Dairy Calf and Heifer Association recommends feeding "colostrum equaling 10% of body weight [about 4 quarts for most Holstein calves] in the first 2 hours of life with target serum IgG of >10 mg/mL and total protein of >5.2 g/dL."
- » These levels can be achieved when completely replacing maternal colostrum with HEADSTART<sup>®</sup> at the recommended levels.
- » To achieve a replacement dose, feed a minimum of 100g IgG and newer industry standards suggest 150-200g IgG for optimal calf performance.
- » If supplementing, feed a minimum of 50-60g IgG in addition to sufficient maternal colostrum to target a similar overall mass of IgG. If maternal colostrum is very poor quality, supplement with 100-120g IgG in addition to maternal colostrum.

#### Average passive transfer levels achieved after completely replacing maternal colostrum with HEADSTART<sup>®</sup>



TYPICAL ANALYSIS (PER BAG)	
Bovine IgG (min)	(60 g) 27%
Crude Protein (min)	62%
Crude Fat (min)	(31 g) 14%
Reconstituted Volume	0.9 L

INGREDIENTS	
Bovine Colostrum	

IMPORTANT PRODUCT FACTS	
UPC Code	892899000014
Quantity Per Bag	225 grams
Quantity Per Case	25 bags
Quantity Per Pallet	48 cases or 1200 bags

**To completely replace maternal colostrum:**  
Choose the feeding level that achieves the desired levels of immunity for your calves.

Feed 2-3 bags of HEADSTART<sup>®</sup>

2 bags = 120 g IgG

3 bags = 180 g IgG

**To supplement maternal colostrum:**  
Feed in addition to available maternal colostrum.

Feed at least 1 bag of HEADSTART<sup>®</sup>

1 bag = 60 g IgG

2 bags = 120 g IgG