

# Finally!

## An Actual Colostrum for Organic Use.

### PureStart™ Colostrum



# PureStart™ Colostrum



## Bovine IgG

## OMRI Listed for use in organic herds

### OMRI Listed

- › PureStart™ is the only USDA APHIS licensed veterinary biologic bovine IgG colostrum product on the market that is OMRI listed for organic use (Product Code #skt-7351). See [www.omri.org](http://www.omri.org) for more information on OMRI listed products.

### Natural Bovine Colostrum

- › PureStart™ is made only from natural, premium quality bovine colostrum. It is an excellent source of IgG, colostrum fat, growth factors, and nutrients needed to improve calf survival, health, growth, and long term performance.
- › PureStart™ is not a manufactured formula based on blood serum, whey, eggs, vegetable fats or other ingredients not naturally found in colostrum.

### High Immunity

- › IgG molecules are readily absorbed for maximum immune protection.
- › > 85% IgG1 – The antibody most effective in providing local immunity and to reduce disease associated with failure of passive transfer.
- › Broad spectrum of antibodies with demonstrated efficacy in 4 continents.

### High in Colostral Fat

- › An important energy source required by calves immediately after birth.

### Safe and Effective

- › USDA Veterinary Biologics licensed for use as a total replacement for maternal colostrum in calves as an aid in the treatment of failure of passive transfer.

- › Free of agents causing disease such as: Tuberculosis, Brucellosis, Leucosis, Paratuberculosis (causing Johne's disease), Salmonellosis, E. coli infection and others.
- › Each serial is tested in calves for safety and efficacy.

### Convenient

- › Easily mixes in under 15 seconds!
- › 3-year shelf life.

## INDICATIONS

- › PureStart™ not only provides calves with the immunity they need, it's also very high in natural colostrum fat and is intended for calves requiring extra energy to get up, suckle, stay warm and stay alive.

## FEEDING RECOMMENDATIONS

- › Feed 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.
- › Calves fed 2 bags of PureStart™ achieved average serum IgG levels of 14.5 mg/mL and average serum total protein levels of 5.4 g/dL. These levels were achieved when completely replacing maternal colostrum with PureStart™.
- › PureStart™ may be used to supplement or completely replace maternal colostrum. To achieve a replacement dose, feed a minimum of 200g IgG as newer industry standards suggest at least 200g IgG for excellent passive transfer. If supplementing, feed a minimum of 50-150g IgG in addition to sufficient maternal colostrum to target a similar overall mass of IgG.

## INGREDIENTS

Bovine Colostrum

## TYPICAL ANALYSIS (PER BAG)

Bovine IgG	(100 g) 14.3%
Crude Protein	48%
Crude Fat	23%
Reconstituted Volume	1.9 L

## IMPORTANT PRODUCT FACTS (700 g BAG)

Product Code	X0097
UPC Code	892899000533
Quantity Per Bag	700 grams
Quantity Per Case	15 bags
Quantity Per Pallet	45 cases or 675 bags

### To Completely Replace Maternal Colostrum (BAG)

Choose the feeding level that achieves the desired levels of immunity for your calves.

Number of Bags	Amount IgG Fed	Amount of Water	Avg Calf Serum IgG
2 (1400g)	200g	10 cups	14.5 g/L

### To Supplement Maternal Colostrum (BAG)

Feed in addition to available maternal colostrum.

Number of bags	Amount IgG Fed	Amount of Water
½ (350g)	50g	2.5 cups
1 (700g)	100g	5 cups
1 ½ (1050g)	150g	7.5 cups

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