

Bovine IgG

Calf's Choice Total® Gold

Natural bovine colostrum
Delivering high immunity

Natural Bovine Colostrum

- › Made from only bovine colostrum. Simply colostrum. No blood, whey, egg or other ingredients not naturally found in maternal colostrum.
- › High in growth and antimicrobial factors; contains naturally high levels of IGF-1, EGF, lactoferrin, trypsin inhibitor and other colostrum factors.

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

- › Free of pathogens that cause the following diseases: Tuberculosis, Brucellosis, Leucosis, Paratuberculosis (causing Johne's disease), Salmonellosis, E. coli infection, others.
- › 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.

Convenient

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



**SCCL**

GENEX™

Calf's Choice Total[®] Gold Colostrum



INDICATIONS

- › Calf's Choice Total[®] Gold has a high % IgG and is intended for calves needing extra immunity.
- › Gold is a natural bovine colostrum powder that is rich in colostral fat, a critical early source of energy for newborn calves.
- › Gold may be used to supplement or completely replace maternal colostrum.
- › Gold is an excellent source of IgG (over 85% in the form of IgG₁), growth factors, and nutrients needed to improve calf survival, health, growth, and long term performance. Gold 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."
- › In a calf-feeding study filed with the Center for Veterinary Biologics of the USDA, calves fed 3 bags of Calf's Choice Total[®] Gold achieved average serum IgG levels of 17.2 mg/mL and average serum total protein levels of 5.4 g/dL. These levels were achieved when completely replacing maternal colostrum with Calf's Choice Total[®] Gold.
- › To achieve a replacement dose, feed a minimum of 180g IgG as newer industry standards suggest 150-200g IgG for optimal calf performance. If supplementing, feed a minimum of 60-120g IgG in addition to sufficient maternal colostrum to target a similar overall mass of IgG.

INGREDIENTS	
Natural Bovine Colostrum	

TYPICAL ANALYSIS (PER BAG)	
Bovine IgG	(60 g) 26.6%
Crude Protein	58%
Crude Fat	18%
Reconstituted Volume	0.9 L

IMPORTANT PRODUCT FACTS	
Product Code	X0009
UPC Code	892899000205
Quantity Per Bag	225 grams
Quantity Per Case	30 bags
Quantity Per Pallet	45 cases or 1350 bags

To Completely Replace Maternal Colostrum

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
3 (675g)	180g	9 cups	17.2 g/L

To Supplement Maternal Colostrum

Feed in addition to available maternal colostrum.

Number of bags	Amount IgG Fed	Amount of Water
1 (225g)	60g	3 cups
2 (450g)	120g	6 cups

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