



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 protecting calves against diarrhea and pneumonia.
- ◆ Broad spectrum of antibodies with demonstrated efficacy in 3 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.
- ◆ Each serial is tested in calves for safety and efficacy.

Convenient

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



REALIZE YOUR FULL GENETIC POTENTIAL

"At Trans Ova Genetics, we use Calf's Choice Total Gold with complete satisfaction by achieving consistently high rates of successful passive transfer in newborns. We know that high quality management systems are essential to afford calves the greatest opportunity to thrive and demonstrate their full genetic potential. Our colostrum feeding protocol helps us achieve the results our clients expect."

**Dr. David Faber, President
Trans Ova Genetics
Sioux Center, Iowa**



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 colostrum 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 60-120 g IgG in addition to sufficient maternal colostrum to target a similar overall mass of IgG.

INGREDIENTS

Bovine Colostrum

TYPICAL ANALYSIS (PER BAG)

Bovine IgG	(60 g) 27%
Crude Protein	62%
Crude Fat	14 %
Reconstituted Volume	30 oz /0.9 qt /3.7 cups

IMPORTANT PRODUCT FACTS

Product Code	X0009
UPC Code	892899000205
Quantity Per Bag	225 grams (8 oz)
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	Final Volume	Avg Calf Serum IgG	Passive Transfer Status (serum IgG)
3 (24 oz)	180	9 cups	2.8 qt	17.2 g/L	Excellent (>15 g/L)

To Supplement Maternal Colostrum

Feed in addition to available maternal colostrum.

Number of bags	Amount IgG Fed	Amount of Water	Final Volume
1 (8 oz)	60	3 cups	0.9 qt
2 (16 oz)	120	6 cups	1.9 qt



BOVINE IgG

Calf's Choice Total® HiCal

Natural bovine colostrum
Immunity with a boost of energy

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 protecting calves against diarrhea and pneumonia.
- ◆ Broad spectrum of antibodies with demonstrated efficacy in 3 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.
- ◆ Each serial is tested in calves for safety and efficacy.

Convenient

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



CONSISTENTLY HIGH PASSIVE TRANSFER

"It is imperative at Horn Livestock to create and deliver healthy newborn calves with the growing demand we have for show steers and bulls. The expectation of our customer is higher than ever. So for the past six years, we start with Calf's Choice Total to provide consistently high rates of successful passive transfer. We feel that if we can get a full replacer dose in them, our calves will have improved immunity against enteric and respiratory challenges to maximize that genetic potential."

Brandon Horn,
Horn Livestock,
Anson, Texas



www.sccl.com 1-866-242-3185

Calf's Choice Total® HiCal Colostrum



INDICATIONS

- ◆ Calf's Choice Total® HiCal not only provides calves with the immunity they need, it's also very high in natural colostral fat and is intended for calves requiring extra energy to get up, suckle, stay warm and stay alive.
- ◆ HiCal may be used to supplement or completely replace maternal colostrum.
- ◆ HiCal is made only from natural, premium quality bovine colostrum. It is an excellent source of IgG (over 85% in the form of IgG₁), colostral fat, growth factors, and nutrients needed to improve calf survival, health, growth, and long term performance. HiCal 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 2 bags of Calf's Choice Total® HiCal 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 Calf's Choice Total® HiCal.
- ◆ To achieve a replacement dose, feed a minimum of 200g IgG as newer industry standards suggest 150-200g IgG for optimal calf performance. If supplementing, feed a minimum of 50-100 g IgG in addition to sufficient maternal colostrum to target a similar overall mass of IgG.

INGREDIENTS

Bovine Colostrum

TYPICAL ANALYSIS (PER BAG)

Bovine IgG	(105 g) 15 %
Crude Protein	48 %
Crude Fat	20 %
Reconstituted Volume	63 oz /2 qt /7.8 cups

IMPORTANT PRODUCT FACTS (700 g BAG)

Product Code	X0025
UPC Code	892899000229
Quantity Per Bag	700 grams (25 oz)
Quantity Per Case	14 bags
Quantity Per Pallet	45 cases or 630 bags

IMPORTANT PRODUCT FACTS (40 lb PAIL)

Product Code	X0026
UPC Code	892899000304
Quantity Per Pail	40 lb
Quantity Per Pallet	27 pails
Scoops Per Pail	78 scoops
Replacer Feedings Per Pail	26 feedings (3 scoops each)

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	Final Volume	Avg Calf Serum IgG	Passive Transfer Status (serum IgG)
2 (49 oz)	200	10 cups	3.9 qt	14.5 g/L	Excellent (>15 g/L)

To Supplement Maternal Colostrum (BAG)

Feed in addition to available maternal colostrum.

Number of bags	Amount IgG Fed	Amount of Water	Final Volume
½ (12 oz)	50	2.5 cups	1 qt
1 (25 oz)	100	5 cups	2 qt
1½ (37 oz)	150	7.5 cups	3 qt

To Completely Replace Maternal Colostrum (PAIL)

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

Number of Scoops	Amount IgG Fed	Amount of Water	Final Volume	Avg Calf Serum IgG	Passive Transfer Status (serum IgG)
6 (49 oz)	200	10 cups	3.9 qt	14.5 g/L	Excellent (>15 g/L)

To Supplement Maternal Colostrum (PAIL)

Feed in addition to available maternal colostrum.

Number of Scoops	Amount IgG Fed	Amount of Water	Final Volume
1½ (12 oz)	50	2.5 cups	1 qt
3 (25 oz)	100	5 cups	2 qt
4½ (37 oz)	150	7.5 cups	3 qt