

# Bovine IgG

## Calf's Choice Total® Gold

NATURAL BOVINE COLOSTRUM  
Delivering high immunity

### Whole Bovine Colostrum

- ▲ Made from whole bovine colostrum; not skimmed or reconstructed from components.
- ▲ 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 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.

### Convenient

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



# Bovine IgG

## Calf's Choice Total® Gold



### INDICATIONS

- ▲ Calf's Choice Total® Gold has a high % IgG and is intended for calves needing extra immunity.
- ▲ Rich in colostral fat, a critical early source of energy for newborn calves.
- ▲ May be used to enrich or completely replace maternal colostrum.
- ▲ Made from whole bovine colostrum; not skimmed or reconstructed from components.
- ▲ 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.

### 3 Q'S OF COLOSTRUM MANAGEMENT

#### QUICKLY

- ▲ 1<sup>ST</sup> FEEDING as soon as possible after birth ideally within 1-2 hours
- ▲ 2<sup>ND</sup> FEEDING within the next 6-8 hours to assure 2 feedings within 12 hours

#### QUALITY

- ▲ Test for quality using an optical or digital % Brix refractometer:

Maternal colostrum quality (% Brix)		Replace or Enrich?
POOR	< 22%	Replace maternal colostrum or enrich
ADEQUATE	22-25%	Enrich maternal colostrum
GOOD	25-30%	Enrich to achieve Excellent Brix %
EXCELLENT	> 30%	No enrichment or replacement needed

#### QUANTITY

- ▲ Feed 10% of the calf's body weight as a first feeding

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

#### ENRICHMENT GUIDE

		Grams of powder to add for desired colostrum Brix % (4L)									
		Brix	22%	23%	24%	25%	26%	27%	28%	29%	30%
Maternal Colostrum Brix Level (1L)	17%	300g	360g	420g	480g	540g	600g	660g	720g	780g	
	18%	240g	300g	360g	420g	480g	540g	600g	660g	720g	
	19%	180g	240g	300g	360g	420g	480g	540g	600g	660g	
	20%	120g	180g	240g	300g	360g	420g	480g	540g	600g	
	21%	60g	120g	180g	240g	300g	360g	420g	480g	540g	
	22%	0g	60g	120g	180g	240g	300g	360g	420g	480g	
	23%	-	0g	60g	120g	180g	240g	300g	360g	420g	
	24%	-	-	0g	60g	120g	180g	240g	300g	360g	
	25%	-	-	-	0g	60g	120g	180g	240g	300g	
	26%	-	-	-	-	0g	60g	120g	180g	240g	
	27%	-	-	-	-	-	0g	60g	120g	180g	
	28%	-	-	-	-	-	-	0g	60g	120g	
29%	-	-	-	-	-	-	-	0g	60g		
30%	-	-	-	-	-	-	-	-	0g		

#### INGREDIENTS

Bovine Colostrum

#### TYPICAL ANALYSIS (PER BAG)

Bovine IgG	27% (60 g)
Crude Protein	58%
Crude Fat	18%

#### IMPORTANT PRODUCT FACTS (700g BAG)

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

#### CCT® Gold Pricing (USD)

Packaging	Bags
Quantity	1 case (30 bags)
Price per case	\$630
Price per bag	\$21