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 colostral 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
- 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 50-100g IgG in addition to sufficient maternal colostrum to target a similar overall mass of IgG.

### Table 1: To Completely Replace Maternal Colostrum (BAG)

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

<table>
<thead>
<tr>
<th>Number of Bags</th>
<th>Amount IgG Fed</th>
<th>Amount of Water</th>
<th>Avg Calf Serum IgG</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 (1400g)</td>
<td>200g</td>
<td>10 cups</td>
<td>14.5 g/L</td>
</tr>
</tbody>
</table>

### Table 2: To Completely Replace Maternal Colostrum (PAIL)

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

<table>
<thead>
<tr>
<th>Number of Scoops</th>
<th>Amount IgG Fed</th>
<th>Amount of Water</th>
<th>Avg Calf Serum IgG</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.7 (1400g)</td>
<td>200g</td>
<td>10 cups</td>
<td>14.5 g/L</td>
</tr>
</tbody>
</table>

### Table 3: To Supplement Maternal Colostrum (BAG)

Feed in addition to available maternal colostrum.

<table>
<thead>
<tr>
<th>Number of Bags</th>
<th>Amount IgG Fed</th>
<th>Amount of Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>½ (350g)</td>
<td>50g</td>
<td>2.5 cups</td>
</tr>
<tr>
<td>1 (700g)</td>
<td>100g</td>
<td>5 cups</td>
</tr>
<tr>
<td>1½ (1050g)</td>
<td>150g</td>
<td>7.5 cups</td>
</tr>
</tbody>
</table>

### Table 4: To Supplement Maternal Colostrum (PAIL)

Feed in addition to available maternal colostrum.

<table>
<thead>
<tr>
<th>Number of Scoops</th>
<th>Amount IgG Fed</th>
<th>Amount of Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7 (350g)</td>
<td>50g</td>
<td>2.5 cups</td>
</tr>
<tr>
<td>3.4 (700g)</td>
<td>100g</td>
<td>5 cups</td>
</tr>
<tr>
<td>5 (1050g)</td>
<td>150g</td>
<td>7.5 cups</td>
</tr>
</tbody>
</table>

**INGREDIENTS**
- Bovine Colostrum

**TYPICAL ANALYSIS (PER BAG)**
- Bovine IgG: 14.3%
- Crude Protein: 48%
- Crude Fat: 23%
- Reconstituted Volume: 1.9 L

**IMPORTANT PRODUCT FACTS (700g BAG)**
- Product Code: X0025
- UPC Code: 892899000229
- Quantity Per Bag: 700 grams
- Quantity Per Case: 14 bags
- Quantity Per Pallet: 45 cases or 630 bags

**IMPORTANT PRODUCT FACTS (37lb PAIL)**
- Product Code: X0105
- UPC Code: 892899000304
- Quantity Per Pail: 37 lb
- Quantity Per Pallet: 27 pails
- Scoops Per Pail: 72 scoops
- Feedings Per Pail: 24 feedings (3 scoops each)