# Dura-Start 50

**Colostrum Supplement for Newborn Calves** 

# **Description:**

Dura-Start 50 Colostrum Supplement for Newborn Calves is crafted to cater to the needs of newborn calves (less than 4 days old), ensuring they receive optimal nourishment when maternal colostrum may be inadequate. Formulated to mirror the composition of maternal colostrum, Dura-Start 50 supplement guarantees essential nutrients and immune support crucial for a strong start to life.

# Ingredients:

Dried Whey Protein Concentrate, Dried Bovine Colostrum, Animal Serum, Animal Fat (preserved with BHA and BHT), Dried Whey Product, Dextrose, Dried Whey, Coconut Oil (preserved with citric acid), Dicalcium Phosphate, Glycine, Lecithin, Calcium Carbonate, Inulin, Hydrolyzed Yeast, Brewers Dried Yeast, Calcium Silicate, Natural and Artificial Flavor, Zinc Sulfate, Copper Sulfate, DL-Methionine, Vitamin E Supplement, Ascorbic Acid, Choline Chloride, Ferrous Sulfate, Magnesium Sulfate, Vitamin A Supplement, Manganese Sulfate, Dried Skimmed Milk, Selenium Yeast, Niacin Supplement, Vitamin D3 Supplement, Calcium Iodate, Folic Acid, Calcium Pantothenate, Riboflavin Supplement, Thiamine Mononitrate, Pyridoxine Hydrochloride, Vitamin B12 Supplement, Biotin, Menadione Sodium Bisulfite Complex (vitamin K), Iron Proteinate, Cobalt Sulfate, Manganese Proteinate, Zinc Proteinate, Copper Proteinate, Ethylenediamine Dihydroiodide, Cobalt Proteinate

# **Guaranteed Analysis:**

Crude Protein, Min	45.00%
Crude Fat, Min	15.00%
Crude Fiber, Max	0.15%
Calcium, Min	0.75%
Calcium, Max	1.25%
Phosphorus, Min	0.70%
Sodium, Max	1.00%
Vitamin A, Min	40,000 IU/lb
Vitamin D3, Min	10,000 IU/lb
Vitamin E, Min	250 IU/lb
Ascorbic Acid (Vitamin C), Min.	300 mg/lb
Globulin Protein, Min	11.00%



## **Approved For Use On:**

Beef Cattle and Dairy Cattle

## **Benefits:**

- Delivers a generous 50 grams of globulin protein in a single feeding, bolstering calf health from the start.
- Enriched with a blend of essential vitamins and minerals tailored to enhance immune function in newborn calves.
- Designed for seamless integration with maternal colostrum, augmenting its benefits for the calf's wellbeing.
- Ideal for calves that did not receive enough maternal colostrum as well as calves that did not receive any maternal colostrum.
- Convenient, easy mixing for reliable nutritional consistency.

# Packaging:

16 oz. pouch, 12 pouches/case, UPC# 7-45801-10210-1

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## **Directions for Use:**

MIXING DIRECTIONS: Add one 16 oz. pouch of Dura-Start 50 powder to 1.5 qt. of clean, warm water at 110-120°F and mix thoroughly until completely dissolved. Allow the solution to cool to 90-100°F before feeding. Mix thoroughly with a wire wisk. Important: Make fresh solution daily. In times of stress or hot weather, electrolyte supplementation may be needed.

### **To Supplement Maternal Colostrum**

Follow the mixing directions above. Within two hours of birth, feed the solution along with at least 2 quarts of clean, disease-free maternal colostrum using a nipple bottle. Provide a second feeding of colostrum 6-12 hours later. Once your calf is 24 hours old, start feeding calf milk replacer.

### To Replace Maternal Colostrum

If your calf is unable to nurse, separated from its dam or will not receive maternal colostrum for any reason, we recommend using Dura-Start 100. To provide adequate nutrition with Dura-Start 50, follow the mixing directions above but mix two pouches into 3 quarts of water instead. Feed the resulting solution using a nipple bottle. Most calves will easily consume this volume of colostrum by nipple. If not, cool the colostrum for 2-3 hours and then re-warm to 100°F and offer again with a nipple. Provide one to four additional colostrum feedings in 6- to 8-hour intervals following the first feeding. After 24 hours, begin providing calf milk replacer.

#### Offer fresh water at all times.

**Important:** Follow feeding directions. Every calf is an individual. The directions above are written for a calf that is about 75-100 pounds at birth. Adjust the amounts fed according to the calf's body weight, the environmental conditions and the level of calf disease on your farm. Consult with your veterinarian if you have questions.



Three outstanding formulations!







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