

Merrick's

WINTER STAR™

CALF MILK REPLACER FOR COLD WEATHER



Energize your winter feeding program . . .

Winter Star is packed with energy! Now you can feed the additional energy your calves need to help them through even the coldest winter night – all in one milk replacer. Winter Star's unique formulation lets you increase the energy intake of your calves more than 35% without changing your feeding routine.

No need for additional energy fortifiers . . .

Winter Star provides your calves the same high energy level as a 20/20 milk replacer fortified with Merrick's Super Calf-Kit. There's no need to add an energy supplement – we've done that job for you.

Same protein level . . .

Under routine feeding conditions, a 20/20 milk replacer provides calves with 3.2 oz of protein each day. Fortifying with Super Calf-Kit provides 3.4 oz of protein per day. Following the Winter Star Feeding Program, calves will consume 10 oz of Winter Star each feeding. That means they also receive 3.4 oz of protein daily – the same protein level as a 20/20 milk replacer + Super Calf-Kit.

Winter Star: 17% x 20 oz = 3.4 oz

20/20: 20% x 16 oz = 3.2 oz

20/20 + SC-K: 20/20 SC-K
3.2 oz + (6% x 4 oz) = 3.4 oz

Best value . . .

Winter Star provides a consistent, high energy nutrient source while eliminating the need to combine products or to adjust feeding rates of conventional milk replacers. Compared with other feeding methods, Winter Star saves you time, reduces the chance of mixing errors and delivers the right cold weather formulation targeting your dollar for maximum effect.

MEDICATION OPTIONS

MEDICATED: 200 g/ton Oxytetracycline & 400 g/ton Neomycin Base (from Neomycin Sulfate)

OR AVAILABLE WITH: 45.4 g/ton *DECCOX®

* DECCOX® brand of Decoquinat is a registered trademark of Alpharma Inc.

GUARANTEED ANALYSIS

Crude Protein, minimum	17.00%
Crude Fat, minimum	28.00%
Crude Fiber, maximum	0.15%
Calcium, minimum	0.50%
Calcium, maximum	1.00%
Phosphorus, minimum	0.60%
Vitamin A, minimum	35,000 IU/lb
Vitamin D3, minimum	7,500 IU/lb
Vitamin E, minimum	150 IU/lb

INGREDIENTS

Dried Whey, Dried Whey Product, Dried Milk Protein, Dried Skimmed Milk, Egg Product, Animal Fat preserved with BHA, Lecithin, Dicalcium Phosphate, Calcium Carbonate, Vitamin A Acetate, d-Activated Animal Sterol (source of Vitamin D3), Vitamin E Supplement, Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K Activity), Riboflavin Supplement, Calcium Pantothenate, Niacin Supplement, Thiamine Mononitrate, Pyridoxine Hydrochloride, Choline Chloride, Vitamin B12 Supplement, Biotin, Folic Acid, Ascorbic Acid, Magnesium Sulfate, Manganese Sulfate, Ferrous Sulfate, Zinc Sulfate, Cobalt Sulfate, Copper Sulfate, Calcium Iodate, Sodium Selenite, Sodium Silico Aluminate, Natural and Artificial Flavors.

PRODUCT NO.





10080112	50 lb bags Decoquinat
10880112	50 lb bags Medicated-Oxy/Neo

PACKAGING

Available in 50 lb easy-open bags with separate heat-sealed poly liners for moisture protection.

See energy comparison on reverse. ■■■▶

ENERGY COMPARISON CHART

DAILY ENERGY INTAKE	Energy from Protein	Energy from Fat	Energy from Carbohydrate	Total Energy (kcal)
 2840 kcal WINTER STAR (1¼ lb)	390	1430	1020	2840 kcal
 2840 kcal 20/20 (1 lb) + Super Calf-Kit (¼)	390	1430	1020	2840 kcal
 2609 kcal 20/20 (1¼ lb)	454	1021	1134	2609 kcal
 2088 kcal 20/20 (1 lb)	363	817	908	2088 kcal
1500 kcal ENERGY				

MIXING & FEEDING INSTRUCTIONS

Winter Star is recommended for calves *exposed to temperatures below 30° F*. No whole milk is required after the colostrum feeding period when calf milk replacer is used.

Add 10 oz (1 rounded cup) of dry milk replacer powder per 2 quarts of water (100°-120° F) and mix thoroughly. *Cup enclosed in bag holds approximately 8 oz (1/2 lb) dry weight.* Feed approximately 2 quarts of reconstituted milk replacer TWICE A DAY.

FOR BEST RESULTS:

Provide starter (grain mix) for calves when they are about 4 days of age and feed free choice up to appetite.

Calves can be weaned when they consume between 2 to 3 lbs of starter feed for 2 to 3 days. Weaning time may need to be adjusted for smaller calves.

GOOD MANAGEMENT PRACTICES

- Good newborn care is crucial to maximize calf survival rates. Immediate feeding of colostrum is one of the most important steps to increase the survival and health of newborn calves. Feed 2 quarts of high quality, first milking colostrum within the first 30 minutes after birth. Feed an additional 2 quarts at 6 to 12 hours of age. Continue feeding colostrum through the third day after birth.
- Begin your milk replacer program on the 4th day. Feed twice daily, at regular intervals, according to label directions. Wash feeding equipment thoroughly after each usage.
- Have fresh clean water available at all times.
- Do not feed hay until after weaning when calves are consuming adequate amounts of dry starter.
- Calves should be housed in clean, dry individual pens or hutches that are well ventilated and draft free.
- Keep Merrick's BLUE RIBBON Calf Electrolytes on hand to properly manage calves.



Merrick's
MERRICK'S, INC.

A Division of Merrick Animal Nutrition, Inc.

1-800-MER-RICK (637-7425) ● 1-608-831-3440 ● FAX: 1-608-836-8943

P. O. Box 620307 ● Middleton, WI 53562-0307 USA

Website: www.merricks.com

© Merrick's, Inc. 2001