

**LAND O LAKES® HERD MAKER® PB NON MED – 25#**

**SPECIE:** Calf **TYPE OF FEED:** Calf Milk Replacer – Growth **FORM OF FEED:** Powder

**GENERAL DESCRIPTION**

LAND O LAKES® Herd Maker® is a growth calf milk replacer. See features/benefits list below for more information.

**MIXING & FEEDING INSTRUCTIONS**

**USE ONLY LOW SODIUM (<50 ppm) water for mixing and feeding!**

- Always weigh milk replacer powder for accurate mixing.
- Mix milk replacer powder according to the schedule below by adding powder to water as indicated and mix thoroughly

	Milk Replacer Powder	Water (110-120° F)
Individual Calf	0.75 lbs	+ 2 quarts
Large Batch	1.5 lbs	+ 1 gallon

**Feeding Directions (2 days to Weaning):**

**NOTE: Always offer free choice water**

**Large Breeds (120 lb of body weight):** Feed 2.3 quarts twice daily (fill 2 quart bottle to rim).

**Three Times Daily and/or Cold Weather:** It is beneficial (especially in cold weather) to feed three feedings of calf milk replacer spaced evenly through the 24 hours. Mix as above and feed 2 to 2.3 quarts per feeding.

**General Recommendations:**

1. Feed newborn calves 4 quarts of high quality warm colostrum via a nipple bottle or esophageal feeder within 1 hour of birth and repeat 12 hours later via nipple bottle as much as they will consume.
2. Consult with your veterinarian on a dry cow and calf vaccination program including but not limited to E. Coli, rota and corona virus, clostridium and salmonella.
3. For best mixing, continuously stir with wire whip or power mixer while adding powder to 110-120° F. water. Use a thermometer to assure correct water temperature to avoid product separation and scalding. Feed milk replacer at 100- 105° F.
4. Begin feeding milk replacer on day 2 and provide fresh, clean low sodium (<50ppm) water along with a high quality, palatable calf starter on a free-choice basis.
5. At the start of weaning, transition calves from twice per day feeding to once per day feeding. This will encourage the calf to eat more calf starter and assures an effective weaning.
6. Wean only if calf is eating at least 3 lbs calf starter for 3 consecutive days.

**Ingredients:** Dried Whey Protein Concentrate, Dried Whey, Dried Whey Product, Dried Skimmed Milk, Dried Milk Protein, Hydrolyzed Soy Protein Modified, Animal Plasma, Animal Fat (preserved with BHA and BHT), Vegetable Oil, L-Lysine, DL-Methionine, Lecithin, Polysorbate 80, Dicalcium Phosphate, Brewers Dried Yeast, Hydrolyzed Yeast, Calcium Carbonate, Xanthan Gum, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Thiamine Mononitrate, Ascorbic Acid, Calcium Pantothenate, Niacin Supplement, Riboflavin, Biotin, Menadione Sodium Bisulfite Complex (source of Vitamin K3), Pyridoxine Hydrochloride, Folic Acid, Vitamin B12 Supplement, Choline Chloride, Calcium Silicate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Sulfate, Ethylenediamine Dihydroiodide, Selenium Yeast and Natural & Artificial Flavor.

GUARANTEED ANALYSIS	
Crude Protein, not less than	22.0%
Crude Fat, not less than	15.0%
Crude Fiber, not more than	0.40%
Calcium (Ca), not less than	0.75%
Calcium (Ca), not more than	1.25%
Sodium (Na), not more than	1.25%
Phosphorus (P), not less than	0.70%
Vitamin A, not less than	20,000 IU/lb
Vitamin D3, not less than	5,000 IU/lb
Vitamin E, not less than	150 IU/lb

**FEATURES/  
BENEFITS:**

FEATURES	BENEFITS
<b>Protein Blend</b>	Blend of proteins that complement each other (similar to baby formula); potential lower investment cost without sacrificing calf performance
<b>Prebiotic</b>	Supports an optimal microbiome and immune health by feeding the good microorganisms
<b>Fatty Acid Formulation</b>	Combination of medium chain triglycerides (MCTs) and omega-3 fatty acids which makes the fat in milk replacer more like milk fat
<b>Amino Acid Balance</b>	Added amino acids such as methionine and lysine which are essential for optimal growth
<b>Essential Oils</b>	Helps to optimize digestibility and nutrient absorption; supports palatability which assists with milk replacer and starter intake