

Ultra Fresh[®]

OPTIMUM

lamb milk replacer



Achieve optimal nutrition
for your lambs and
your bottom line.

Ultra Fresh[®] Optimum lamb milk replacer is a new, improved formula of Ultra Fresh[®] lamb milk replacer from Land O'Lakes Animal Milk Products – specifically designed to optimize nutrition for your lambs and energize your bottom line potential.

Guaranteed Analysis

Crude Protein, not less than	25%
Crude Fat, not less than	30%
Crude Fiber, not more than	0.15%
Vitamin A, not less than	20,000 I.U./lb.
Vitamin D ₃ , not less than	5,000 I.U./lb.
Vitamin E, not less than	150 I.U./lb.

Ultra Fresh[®] Optimum lamb milk replacer features:

- **An enhanced fatty acid profile** – provides lambs a unique fatty acid formula that makes Ultra Fresh[®] Optimum lamb milk replacer more similar to ewe's milk.
- **A balance of 25% protein and 30% fat** – mimicking the balance of actual ewe's milk and optimizing the nutritional value the lamb receives for efficient growth.
- **Digestarom[®]** – a mix of essential oils, herbs, spices, extracts and natural flavors designed to positively support gut health, feed-to-gain ratio and, thus, overall health and growth, based on research trials of other ruminant animals.
- **Beta Glucan** – formulated with this complex carbohydrate to promote gut health and support strong immunity for your lambs.

Continued lamb research also demonstrates:

- **Measurable increases in average daily gain** in lambs fed Ultra Fresh[®] Optimum lamb milk replacer when compared to lambs who consumed the original Ultra Fresh[®] Premium Blend lamb milk replacer formula.¹
- **Greater lamb weaning weights** on lambs fed the new formula of Ultra Fresh[®] lamb milk replacer when compared to lambs fed the original Ultra Fresh[®] Premium Blend lamb milk replacer formula.¹

¹ Land O'Lakes Animal Milk Products Research Trial on 423 lambs. Spring 2012.

Incorporate Ultra Fresh® Optimum lamb milk replacer into your lamb feeding program

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Tips to Make Ultra Fresh® Optimum Lamb Milk Replacer Most Effective

- Provide an adequate quantity of colostrum to newborn lambs. Colostrum contains essential nutrients and helps build immunity.
- Remove lambs from sight or hearing distance of ewe as soon as possible after birth.
- Provide a warm, dry, draft-free place to start nursing lambs.
- Depending on the feeding device selected, assist lambs in nursing for the first few feedings, as needed.
- Avoid placing younger lambs with older lambs. Older lambs tend to push smaller lambs away from feeder.
- Hang a light over milk replacer self-feeding devices to add visibility and warmth.
- Start lambs on high-quality starter feed at 2 weeks of age and provide ample water supply to lambs at all times. Do not feed hay or oats the first 3 weeks to prevent bloating.

Mixing Directions

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

	Milk Replacer Powder	Water (110 - 120° F)	Final Volume
Small Batch	0.35 lb	+ 1.5 pints	1.75 pints
Large Batch	5.6 lb	+ 3 gallons	3.5 gallons

For optimal results, feed Ultra Fresh® Optimum lamb milk replacer after feeding Land O'Lakes Colostrum Replacement for Kid Goats and Lambs for the first feeding.

Feeding Directions

Provide fresh, clean water and a high-quality dry feed on a free-choice basis at all times.

Hand Feeding – When hand feeding by bottle, Ultra Fresh® Optimum lamb milk replacer should be fed at 100-105° F. The following feeding schedule is recommended:

- After colostrum feeding to 3 days: Feed 1/3 cup (2.66 fluid oz) of reconstituted Ultra Fresh® Optimum lamb milk replacer 4-6 times per day at 4 hour intervals.
- 4 days to 2 weeks: Gradually decrease the number of feedings and increase the amount of Ultra Fresh® Optimum lamb milk replacer per feeding. At two weeks of age, 1 cup (8 fluid oz) of reconstituted Ultra Fresh® Optimum 3 times per day is sufficient.
- 2 weeks to weaning: Feed reconstituted Ultra Fresh® Optimum lamb milk replacer twice daily and in gradually increased quantities.

Free-Choice Feeding –

Feed cool when offering free access to Ultra Fresh® Optimum lamb milk replacer. Cool replacer will limit intake and prevent overeating.

- Transitioning to nipples will require assistance. Lambs should adapt within 1-2 days.
- Training lambs to nurse: House lambs in a small 4 x 4-foot well-bedded pen with a milk replacer self-feeder mounted on the pen panel. After being assisted every six hours, most lambs will nurse independently within 24 hours. The ability to adapt to the self-feeder varies by case and among breeds.

Indoor Housing Recommendations

- 2-4 square feet of floor space for lambs housed in pens with metal or slatted floors.
- 6-8 square feet of space for lambs housed on solid floors.
- Bed solid floors with straw or wood shavings.

Weaning Tips

- Lambs are ready to wean at 30 days of age or when they weigh 25 pounds. They should have consumed at least 20-25 pounds of Ultra Fresh® Optimum lamb milk replacer powder.
- Fresh creep feed and water should be available at all times to encourage consumption and rumen development.
- Dry feed consumption should occur by week 3 with weaning accomplished at 4-6 weeks.
- Weaning from Ultra Fresh® Optimum lamb milk replacer can occur abruptly or by reducing the number of milk replacer feedings prior to weaning.

Which lambs should be fed milk replacer?

One out of every 10 lambs dies of starvation. Milk replacer is critical in addressing the health of your lambs. With Ultra Fresh® Optimum lamb milk replacer, improve your bottom line potential through optimal flock health, growth and profitability potential.

Feed lamb milk replacer to:

- Dairy sheep lambs
- Orphan, unclaimed or extra lambs in large litters
- Weak or small lambs

Raising lambs on Ultra Fresh® Optimum lamb milk replacer is a decision best made by the producer as soon as possible after birth.



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