Lamb Milk Replacer

Profile
Hubbard Lamb Milk Replacer is an acidified, high-fat, all-milk protein, complete first feed for baby lambs and goat kids. Hubbard Lamb Milk Replacer is designed to mix easily with water and handle through a nipple. Hubbard Lamb Milk Replacer provides the protein, energy, minerals, trace minerals and vitamins needed by baby lambs and goat kids from their second day of life until weaning. Acidification decreases bacterial spoilage and provides a shelf life of up to 36 hours.

About the Product
All-Milk Protein:
Performance is typically greater when animals are fed an all-milk protein milk replacer. The primary source of protein in Hubbard Lamb Milk Replacer is whey that has received low heat treatment and is highly soluble. Hubbard Lamb Milk Replacer provides highly digestible, all-milk protein.

Acidified:
Acidification help reduce bacterial spoilage and increases shelf life up to 36 hours. Furthermore, acidification has been shown to improve lamb performance and reduce the incidence of scours. Hubbard Lamb Milk Replacer has a pH of approximately 5.2 when reconstituted.

High Energy:
Baby lambs and goat kids have a high energy requirement and require that the energy be easily digested.
- Hubbard Lamb Milk Replacer provides highly digestible energy in the form of milk sugar (lactose) and emulsified animal fats and vegetable oils. The digestible energy content is adequate to support rapid growth and development of young lambs and goat kids.

Added Minerals and Vitamins:
Minerals, trace minerals and vitamins are required in a complete ration to support growth and development as well as disease resistance.
- Hubbard Lamb Milk Replacer supplies all needed minerals, trace minerals and vitamins to promote efficient growth and development by young growing lambs and goat kids.

Nutrient Analysis

<table>
<thead>
<tr>
<th>Nutrient</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crude Protein, min %</td>
<td>23.0</td>
</tr>
<tr>
<td>Crude Fat, min %</td>
<td>30.0</td>
</tr>
<tr>
<td>Crude Fiber, max %</td>
<td>0.15</td>
</tr>
<tr>
<td>Calcium, min %</td>
<td>0.45</td>
</tr>
<tr>
<td>Calcium, max %</td>
<td>0.95</td>
</tr>
<tr>
<td>Phosphorus, min %</td>
<td>0.60</td>
</tr>
<tr>
<td>Selenium, min ppm</td>
<td>0.30</td>
</tr>
<tr>
<td>Vitamin A, min</td>
<td>20,000 IU/lb.</td>
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<tr>
<td>Vitamin D3, min</td>
<td>5,000 IU/lb.</td>
</tr>
<tr>
<td>Vitamin E, min</td>
<td>50 IU/lb.</td>
</tr>
</tbody>
</table>
Mixing and Feeding Directions

LAMBS

Mixing Instructions: Mix 2 pounds of Hubbard Lamb Milk Replacer per gallon of water, or 4 ounces per 16 ounces of water. One level measuring cup holds about 4 ounces of dry Hubbard Lamb Milk Replacer.

Feeding Instructions:

1. Ensure that the baby lamb receives colostrum during the first 12 hours of life.
2. Mix one cup of Hubbard Lamb Milk Replacer with a pint of water. If a scale is used, mix 1 pound of milk replacer with 4 pounds of water.
3. Sprinkle milk replacer on top of warm water and mix well.
4. Feed the milk cold to the lamb if fed through a lamb nursing device. Cold milk will reduce chances of overeating. Allow free access to all the cold milk the lamb will consume in this manner.
5. **Bottle feeding (12 hrs. to 3 days):** Offer milk warm at 100°F. Feed 2 to 4 ounces of Hubbard Lamb Milk Replacer liquid every 4 to 6 hours, gradually reducing the number of feedings, while increasing the amount fed. After 3 days: 8 to 12 ounces of Hubbard Lamb Milk Replacer liquid fed every 6 to 8 hours is usually sufficient. Feeding levels may be varied to the lamb’s appetite. Overfeeding can cause scours or bloat.

(Breed, size of lambs, and general health condition of lambs can affect appetite and growth. The quantity and/or percent solids may be varied to maintain rate of gain and stool consistency.)

If scouring occurs, reduce feeding by ¼ to ½ of amounts shown above for 1-2 feedings. Offer electrolyte solution to scouring lambs as needed to prevent dehydration. Contact your veterinarian if scours persists.

6. Any lamb that shows signs of weakness while nursing the ewe should receive supplemental Hubbard Lamb Milk Replacer. If lamb is able to nurse and there are multiple lambs, remove the stronger lamb and feed it milk replacer.
7. Begin providing good quality lamb creep at 3 to 6 days of age and restrict hay intake to the amount a lamb will eat in an hour.
8. Wean lambs at 30-35 days of age, or at a weight of about 25 pounds. Lambs should be consuming 3/4 to 1 lb. Lamb Creep daily.

GOAT KIDS (NOTE: LOWER MIXING RATE)

Mixing Instructions: Mix Hubbard Lamb Milk Replacer at a rate of 1.5 pounds per gallon of water or three ounces per pint of water. One level measuring cup equals four ounces of dry Hubbard Lamb Milk Replacer.

1. **Cold Ad Libitum Feeding:** Mix powder in one third quantity of water at 120° F and then add cold water; allowing to cool to room temperature before feeding.
2. **Warm Restricted Feeding:** Mix powder in one half quantity of water at 120° F and then dilute to volume and feed at 98° F.

Feeding Instructions: Milk Replacer can be fed on a restricted basis or offered ad-libitum through a suitable feeder. In all cases, ensure kids receive colostrum.

1. **Restricted Feeding:** For the first few days, feed a limited quantity of a maximum of one pint per feeding up to three to four times a day. As kids get older, reduce the number of feedings per day. Best results are achieved feeding milk warm (98° F).
2. **Ad-Libitum Feeding:** This method works well for raising larger groups of kids that have been removed from the mother soon after birth and is the recommended system when a number of kids are being taken away, as with a milking herd.

Milk Replacer should be offered ad-libitum at room temperature through a suitable feeder. Ensure that milk is available at all times. Do not offer warm milk to kids and allow it to cool in front of them. If kids are difficult to start on the system, train them to use a nipple with a nipple bottle and offer warm milk (98° F) at a maximum of one pint per feeding. This procedure should only be necessary for two to three feedings and then kids can be introduced to ad-libitum feeding.

**PROVIDE FREE ACCESS TO CLEAN, FRESH WATER AT ALL TIMES.**

Lamb Milk Replacer has been formulated specifically for lambs and goat kids and is not intended for other species.

Product Number

#7485—Lamb Milk Replacer, 25 lb.

All products may not be available in all market areas and other products may be offered. Check with your local Hubbard shipping plant or sales representative.