<table>
<thead>
<tr>
<th>SHEEP SUPPLEMENTS</th>
<th>LAMB &amp; EWE RATIONS &amp; MINERALS</th>
<th>SHEEP FEEDING PROGRAMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>25% Lamb Creep Pellet</td>
<td>18% Lamb Creep (0% ECP)</td>
<td>18% Lamb Creep Pellet (0% ECP)</td>
</tr>
<tr>
<td>34% Ewe &amp; Lamb Starter Ration</td>
<td>16% Lamb Starter Ration (0.66% ECP)</td>
<td>16% Lamb Starter Ration (0.66% ECP)</td>
</tr>
<tr>
<td>36% Sheep Supplement</td>
<td>13% Lamb Finisher Ration (0.66% ECP)</td>
<td>13% Lamb Finisher Ration (0.66% ECP)</td>
</tr>
<tr>
<td>18% Ewe Ration</td>
<td>15% Ewe Ration (0% ECP)</td>
<td>15% Ewe Ration (0% ECP)</td>
</tr>
<tr>
<td>25% Lamb Supplement</td>
<td>Premium Sheep Mineral</td>
<td>Premium Sheep Mineral</td>
</tr>
</tbody>
</table>

Crude Protein (min)(%): 18.0 16.0 13.0 15.0 —
ECP from NPS (max)(%): 0.0 0.66 0.66 0.0 —
Crude Fat (min)(%): 2.5 2.5 2.5 —
ADF (max)(%): 10.0 10.0 10.0 —
Sodium (act)(%): 0.2 0.25 0.25 0.2 6.0
Calcium (act)(%): 0.8 0.9 0.9 0.8 14.0
Phosphorus (act)(%): 0.4 0.4 0.4 0.4 12.0
Magnesium (act)(%): 0.2 0.2 0.2 0.2 2.0
Potassium (act)(%): 0.7 0.7 0.7 0.75 1.0
Sulphur (act)(%): 0.25 0.3 0.3 0.2 1.5

Added Selenium (mg/kg): 0.3 0.3 0.3 0.3 35
Manganese (act)(mg/kg): 50 50 50 50 2,700
Zinc (act)(mg/kg): 90 90 90 90 4,500
Iodine (act)(mg/kg): 0.4 0.4 0.4 0.4 200
Cobalt (act)(mg/kg): 0.1 0.1 0.1 0.1 14.0

Contact your local SHUR-GAIN dealer for further details.

SHUR-GAIN FOR A FULL LINE OF ANIMAL HEALTH CARE PRODUCTS
• COPPERSEPT
• BLOAT AID
• VITAMIN E & SELENIUM, INJECTIBLE
• ELECTROLYTES
• RUMINANT BOOSTER BOLUS
• VITAMIN AD 500, INJECTIBLE
• OXYTETRACYCLINE LP

PLUS
FLY CONTROL PRODUCTS
RODENT CONTROL PRODUCTS
DEWORMERS
PLUS
DISINFECTANTS • CLEANSERS
PLUS
VACCINES

- Prevent white muscle in new lambs with a Vitamin E - Selenium combination injection.
- Dock lambs' tails at 10 – 14 days of age (2 – 3 days of age if an elastrator is used).
- Worm all ewes 24 – 48 hours before going on pasture.
- Worm all ewes and any lambs not marketed in the fall.
The Shur-Gain feeding programs are based on average nutrient values for feedstuffs and are designed to meet the requirements of the various classes of sheep and lambs. The products contain high quality ingredients and are supplemented with optimal levels of minerals, trace minerals and vitamins to support high producing ewes, promote growth in lambs and health in the flock. None of the Shur-Gain sheep products contain any added copper.

**FLUSHING EWES**

Ewes must be on a rising plane of nutrition prior to breeding. Put the flock onto a better pasture or on to better quality forage or supplement with grain. Grain levels of 1/4 to 1/2 kg per day are usually adequate. Flushing ewes improves the chances of multiple births.

**FEEDING LATE GESTATION EWES**

Feeding and feeding management of late gestation and lactating ewes is vital to the survival and rapid growth of lambs. The last four to six weeks of gestation are critical in the ewe’s production cycle. The fetus gains about two thirds of its weight in the last 6 weeks of gestation. Ewes that carry multiple fetuses have particularly high nutrient requirements. To ensure that ewes maintain a body condition score (BCS) of 3 to 3.5/lamb and gain weight during late gestation, supplemental protein and energy must be fed. This grain feeding is also important to help prevent puerperal prolapse and pregnancy toxaemia. The time to start feeding late gestation additional grain and protein depends on the body condition of the ewes, the anticipated lambing rate and past experience. As a general rule, flocks with lambing rates of 150% to 175%, should start 3-4 weeks prior to the start of lambing. Flocks with lambing rates of 180% or 225% must feed grain 4-6 weeks prior to the onset of lambing. Feed ewes with multiples separate from those with singles.

1) late gestation ewe lambs - 0.5 to 0.8 kg / ewe / day
2) late gestation ewes - 0.25 to 1 kg / ewe / day

Over condition ewes (body condition score 4 and greater) can be fed 10% less grain per body condition score. Under condition ewes (body condition score less than 3) can be fed 10% more grain per body condition score.

**FEEDING AND MANAGEMENT**

Provide adequate pen and bunk space. Provide free access to clean water. Ewes that require more than 500 g of grain mix per day must have the grain mix split into two to three feedings/day. This helps ensure that all ewes get the required amount of grain as well as avoiding grain overload.

Better quality hay allows for lower grain feeding levels. The hay crude protein must range between 11 and 18%. Allocate better quality hay to those ewes with multiples to save on grain feeding and help meet nutrient requirements. Ewes with multiples fed poorer quality hay, cannot milk well and maintain good body condition. Always feed hay to appetite and have free choice access to Glanstar® Premium Sheep Mineral at 15 to 30 g /head /day and additional salt free choice.

**CURRENT CUSTOM RATIONS**

<table>
<thead>
<tr>
<th>Ewe Ration</th>
<th>15% Lamb</th>
<th>16% Lamb</th>
<th>18% Lamb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ewe Ewes</td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Barley</td>
<td>300</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>Soybean meal</td>
<td>450</td>
<td>400</td>
<td>350</td>
</tr>
<tr>
<td>Molasses</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1000 kg</td>
<td>1000 kg</td>
<td>1000 kg</td>
</tr>
</tbody>
</table>

**FEEDING LACTATING EWES**

The pens for lambing must be kept clean, dry and draft free. Prior to lambing, group the ewes according to age and body weight and reduce the stress on pregnant ewes. Provide adequate pen and feeder space. Have ample clean fresh water available to lactating ewes. Ewes and their lambs can be moved to hardening pens in small groups where they can be sorted according to the number of lambs, body condition, and age. Maiden ewes with their first lambs should be fed separately to reduce competition. Grain feeding levels for lactating ewes depends on number of lambs and ewe body condition. The protein level in the grain ration depends on the body condition.

**FINISHING LAMBS**

Finishing lambs are susceptible to several disease conditions related to the feeding and management of the animals. These include acidosis, coccidiosis, urinary calculus and enterotoxemia (pulpy kidney). There are a number of key feeding and management factors that help reduce the risk of these developing.

- Clean feed and water troughs daily. Feed a well balanced ration. Adapt lambs to grain ration gradually. Feed buffers if necessary. Feed an ionophore under veterinary prescription. Vaccinate as required (eg. pulpy kidney). Shur-Gain feedlot sheep feeds have low levels of ECP from ammonium sulphate, not amine. This is included to help prevent urinary calculus in male lambs and rams. Excellent feeding and bunk management will help promote growth and health.
- Provide comfortable well ventilated, draft free pens for lambs. Lambs require 0.75 square meters. Pens must be dry but dust free. Lambs require 10 cm of feed trough space and 1 cm of water trough space. Group lambs by size to feed in uniform groups of 30 - 50 lambs.

**LAMBS RATIONS**

Shur-Gain 18% Lamb creep Pellet - Feed to lambs from birth through to weaning. Feed this ration to lambs under stress such as groups with twins and triplets, accelerated lambing programs or with early weaning.

**CREEP FEEDING LAMBS**

Crep feeding is important to supplement lambs and reduce pressure on the ewes, particularly ewes with multiples lambs and / or with accelerated lambing. Creep feeding increases lamb gains and promotes the development of the rumen. A separate creep area is required for the lambs only. It is important to feed a palatable creep ration, keep the feed fresh and the troughs clean at all times. The creep must be available from birth or at least by a week of age.

Shur-Gain feedlot rations can be fed following the creep ration. Mix 50% of the feedlot starter ration in with the creep and feed this for 10 - 15 days to ease the transition to the new ration. Once lambs are adapted to the feedlot grain ration, continue to feed both the appropriate ration and hay free choice.

Heavy lamb rations.
Start lambs on a 15% crude protein grain ration with limited hay (hay 200 - 500 g /lamb/day). Feed the lambs from 12 - 20 kg. Grow lambs on a 15% crude protein grain ration with limited hay (hay 100 - 200 g/lamb/day) from 23 - 35 kg. Finish lambs on a 12-14% crude protein ration with minimal hay (about 100 g/lamb/day) from 35 kg through to finish.

Light lamb rations.
Start lambs on a 15% crude protein grain ration with limited hay (hay 200 - 500 g /lamb/day). Feed the lambs from 12 - 20 kg. Grow lambs on a 15% crude protein grain ration with limited hay (hay 100 - 200 g/lamb/day) from 23 - 35 kg. Finish lambs on a 12-14% crude protein grain ration with minimal hay (about 100 g/lamb/day). Feed lambs from 30 kg through to finish.

Producers may decide to start lambs at slightly heavier weights. Lighter breeders may be fed the 16% lamb starter ration for longer than indicated here and then follow with the 15% lamb grower through to finish.

**Shur-Gain 16% Lamb Starter Ration (0.66% ECP)** - The pellets or textured options can be fed as a creep to lambs from birth through to weaning. This is an ideal ration to start lambs on after weaning off the 18% Lamb Creep. Continue feeding through the starter grower phase of finishing lambs. This ration can also be blended with the 13% Lamb Finisher Ration to make a transition ration for lambs before going to the finisher.

Shur-Gain 13% Lamb Finisher Ration (0.66% ECP) - Feed this ration to heavier lambs being finished for market.

**CUSTOM FINISHING RATIOS**

16% Lamb Creep / Starter | 15% Lamb Grower | 14% Lamb Finisher
---|---|---
Custom Finishing Rations - 36 Sheep Supp (200)
Shur-Gain 15% Lamb Creep Pellet | 375 | 240
Shur-Gain 15% Lamb Grower | 400 | 300
Shur-Gain 14% Lamb Finisher | 50 | 50
TOTAL | 1000 kg | 1000 kg | 1000 kg

**Shur-Gain 13% Lamb Finishing Ration (0.66% ECP)** - Feed this ration to heavier lambs being finished for market.

**CUSTOM FINISHING RATIOS**

16% Lamb Creep / Starter | 15% Lamb Grower | 14% Lamb Finisher
---|---|---
Custom Finishing Rations - 25 Lamb Supp (200)
Shur-Gain 15% Lamb Creep Pellet | 200 | 175
Shur-Gain 15% Lamb Grower | 275 | 250
Shur-Gain 14% Lamb Finisher | 450 | 400
TOTAL | 1000 kg | 1000 kg | 1000 kg

**Custom Finishing Rations - 36 Sheep Supp (200)**

Shur-Gain 15% Lamb Creep Pellet | 375 | 240
Shur-Gain 16% Lamb Starter | 275 | 425
Shur-Gain 13% Lamb Grower | 500 | 400
Shur-Gain 12% Lamb Finisher | 15 | 0
TOTAL | 1000 kg | 1000 kg | 1000 kg

**Shur-Gain 13% Lamb Finishing Ration (0.66% ECP)** - Feed this ration to heavier lambs being finished for market.

Shur-Gain feedlot rations can be fed following the creep ration. Mix 50% of the feedlot starter ration in with the creep and feed this for 10 - 15 days to ease the transition to the new ration. Once lambs are adapted to the feedlot grain ration, continue to feed both the appropriate ration and hay free choice.