

COMPOSITION:

| | | | |
|----------------------|---------|-------|--------|
| Crude Protein | min | g/kg | 320 |
| Crude Protein ex NPN | max | % | 64.72 |
| Urea | max | g/kg | 55 |
| Moisture | max | g/kg | 130 |
| Crude Fibre | max | g/kg | 100 |
| Calcium | min/max | g/kg | 14/45 |
| Phosphorus | min | g/kg | 6 |
| Magnesium | | g/kg | 2.5 |
| Sulphur | | g/kg | 9.9 |
| Potassium | | g/kg | 19 |
| Manganese | | mg/kg | 150 |
| Zinc | | mg/kg | 130 |
| Cobalt | | mg/kg | 0.5 |
| Iodine | | mg/kg | 2 |
| Selenium | | mg/kg | 1 |
| Vitamin A | | IU/kg | 20 000 |
| Vitamin D | | IU/kg | 5 000 |
| Vitamin E | | IU/kg | 50 |

Molatek Sheep Fattening Concentrate is a protein concentrate used to finish lambs in the feedlot. **Molatek's** fattening product formulations focus on achieving the lowest cost per kg mass gain.

ADVANTAGES:

- Stimulates feed intake, maximises average daily gain and improves feedlot profitability.
- Uses high-quality natural protein, balanced according to the amino acid profile needed for carcass development to optimise muscle growth.
- Easily mixed with the other feedlot raw materials into a complete feed.
- A convenient way to get sheep market ready.
- Allows for the effective use of maize.

- Reduces acidosis and bloat in sheep.
- Prevents feeding disorders and coccidiosis.
- Ionophores improve growth and feed conversion of lambs.
- Contains anionic salts that prevents bladder stones.
- Can be used in lamb creep feed, finishing diets as well as ram auction preparation diets.
- Lamb creep feed ensures optimum wool follicle development in the first two months for a lifetime of optimal wool production.

COMPLETE STARTER DIETS

MIXING INSTRUCTIONS

| | | LIGHT LAMBS | STARTER | | | |
|-------------------------------------|-----------|-------------|-------------|-------------|-------------|-------------|
| | | | 1 | 2 | 3 | 4 |
| SHEEP FATTENING CONCENTRATE | kg | 200 | 200 | 200 | 200 | 200 |
| MAIZE / HOMINY CHOP (Prot. 75 g/kg) | kg | – | – | 510 | – | 535 |
| MAIZE / HOMINY CHOP (Prot. 85 g/kg) | kg | 550 | 510 | – | 560 | – |
| MOLATEK BYPASS (V21556) | kg | 50 | – | – | – | 25 |
| ROUGHAGE (Prot. 40 g/kg) | kg | 100 | – | – | 100 | 100 |
| LUCERNE | kg | 100 | 250 | 250 | 100 | 100 |
| MOLASSES MEAL (V7264) | kg | – | 40 | 40 | 40 | 40 |
| TOTAL | kg | 1000 | 1000 | 1000 | 1000 | 1000 |

COMPOSITION

| | | | | | | | |
|----------------|---------|------|----------|----------|----------|----------|----------|
| PROTEIN | min | g/kg | 145 | 149 | 143 | 133 | 133 |
| PROTEIN ex NPN | max | % | 28.42 | 27.81 | 28.8 | 31.1 | 31.1 |
| UREA | max | g/kg | 11 | 11 | 11 | 11 | 11 |
| MOISTURE | max | g/kg | 120 | 120 | 120 | 120 | 120 |
| FIBRE | max | g/kg | 120 | 120 | 120 | 120 | 120 |
| CALCIUM | min/max | g/kg | 6.4 / 11 | 6.5 / 11 | 6.5 / 11 | 6.2 / 10 | 6.2 / 10 |
| PHOSPHORUS | min | g/kg | 3.1 | 3.2 | 3.2 | 2.9 | 3 |

Feeding instructions for starter diets:

- Starter diet for light lambs above, is particularly effective for young lambs with a body weight of less than 32 kg.
- Starter diets 1 to 4 (in columns 2 to 5 above) are for older lambs and ewes.

COMPLETE AND CAFETERIA FINISHING DIETS

| MIXING INSTRUCTIONS | | FINISHING DIETS | | LAMB CAFETERIA | OLD EWE COMPLETE CAFETERIA | |
|--|-----------|--------------------|-------------|-------------------|-------------------------------|---------------|
| | | 1 | 2 | | | |
| SHEEP FATTENING CONCENTRATE | kg | 200 | 200 | 250 | 200 | 200 |
| MAIZE / HOMINY CHOP (Prot. 75 g/kg) | kg | – | 650 | – | – | – |
| MAIZE / HOMINY CHOP (Prot. 85 g/kg) | kg | 650 | – | 750 | 600 | 800 |
| ROUGHAGE (Prot. 40 g/kg) | kg | – | – | <i>Ad lib</i> | 100 | <i>Ad lib</i> |
| LUCERNE | kg | 150 | 150 | – | 100 | – |
| TOTAL | kg | 1000 | 1000 | 1000 | 1000 | 1000 |

COMPOSITION

| | | | | | | | |
|----------------|---------|------|----------|----------|---------|--------|---------|
| PROTEIN | min | g/kg | 143 | 136 | 143 | 135 | 132 |
| PROTEIN ex NPN | max | % | 28.92 | 30.29 | 36.02 | 30.69 | 31.38 |
| UREA | max | g/kg | 11 | 11 | 13.75 | 11 | 11 |
| MOISTURE | max | g/kg | 120 | 120 | 120 | 120 | 120 |
| FIBRE | max | g/kg | 100 | 100 | 80 | 120 | 80 |
| CALCIUM | min/max | g/kg | 6.2 / 10 | 6.2 / 10 | 5.5 / 8 | 6 / 10 | 4.5 / 8 |
| PHOSPHORUS | min | g/kg | 3.1 | 3.1 | 3 | 3 | 2.8 |

Feeding tips for the finishing diets after 10 days on the starter diet:

- Grind roughage to approximately 20 mm in length to ensure adequate mixing and intake.
- Lucerne, as a source of roughage, ensures the best results in sheep finishing rations.
- Although sheep perform at their optimum on maize as the grain component in the feedlot, it can be totally or partially replaced with barley. The wheat and oats should be limited to 20% replacement.
- Diets that are too dry or dusty usually limit intake and affect performance. Dustiness can be prevented by replacing 40 kg grain with 40 kg (one bag) of Molatek Molasses Meal as indicated in the above-mentioned rations.

Feeding instructions for cafeteria adaptation phase:

| Day | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 |
|--|------|------|------|------|------|
| Limit mixed concentrate intake as % of body weight | 1% | 1.5% | 2% | 2.5% | 3% |
| g/30 kg lamb/day | 300g | 450g | 600g | 750g | 900g |

Plus, hay/roughage or winter pasture *ad lib* until slaughter

CREEP FEEDING

MIXING INSTRUCTIONS

| | | CREEP FEED | |
|-------------------------------------|-----------|-------------|-------------|
| | | 1 | 2 |
| MOLATEK SHEEP FATTENING CONCENTRATE | kg | 200 | 200 |
| MOLATEK BYPASS (V21556) | kg | 50 | 50 |
| MAIZE / HOMINY CHOP (Prot. 75 g/kg) | kg | 650 | – |
| MAIZE / HOMINY CHOP (Prot. 85 g/kg) | kg | – | 650 |
| LUCERNE | kg | 100 | 100 |
| TOTAL | kg | 1000 | 1000 |

COMPOSITION

| | | | | |
|----------------|-----|------|----------|----------|
| PROTEIN | min | g/kg | 143 | 147 |
| PROTEIN ex NPN | max | % | 29 | 29.8 |
| UREA | max | g/kg | 11 | 11 |
| MOISTURE | max | g/kg | 120 | 120 |
| FIBRE | max | g/kg | 120 | 120 |
| CALCIUM | max | g/kg | 6.2 / 10 | 6.2 / 10 |
| PHOSPHORUS | min | g/kg | 3.2 | 3.2 |



Sheep/Goat: Intakes per day

Ad lib

RAM AUCTION DIETS

MIXING INSTRUCTIONS

| | | COMPLETE CAFETERIA | |
|-------------------------------------|-----------|--------------------|---------------|
| | | | |
| MOLATEK SHEEP FATTENING CONCENTRATE | kg | 200 | 200 |
| MAIZE (Prot. 85 g/kg) | kg | 550 | 750 |
| MOLATEK BYPASS (V21556) | kg | 50 | 50 |
| LUCERNE | kg | 200 | <i>Ad lib</i> |
| TOTAL | kg | 1000 | 1000 |

COMPOSITION

| | | | | |
|----------------|---------|------|----------|--------|
| PROTEIN | min | g/kg | 157 | 142 |
| PROTEIN ex NPN | max | % | 26.26 | 29.02 |
| UREA | max | g/kg | 11 | 11 |
| MOISTURE | max | g/kg | 120 | 120 |
| FIBRE | max | g/kg | 100 | 80 |
| CALCIUM | min/max | g/kg | 6.3 / 11 | 5 / 10 |
| PHOSPHORUS | min | g/kg | 3.5 | 3 |