

# MOLATEK BEEF FAT 33+



Class: Protein Concentrate for Cattle  
Registration no. V17357, Act 36/1947

MASS: 40 kg

NEW IMPROVED  
FORMULATION



**Molatek Beef Fat 33+** is a specially formulated protein concentrate that when used in a complete or cafeteria finishing diet ensures economical beef cattle finishing. **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 which is balanced according to the amino acid profile needed for carcass development to optimise muscle growth.
- Mixes easily with the other feedlot raw materials into a complete feed.
- A convenient way to get cattle market ready.
- Allows for the effective use of maize.
- Reduces acidosis and bloat in calves.
- Prevents feeding disorders and coccidiosis.
- Ionophores improve growth and feed conversion in calves.
- Can be used in cafeteria and complete rations.
- Suitable to finish bulls and show cattle.



### UREA WARNING

This animal feed contains an NPN source.  
Mix and feed strictly according to instructions.



## COMPLETE AND CAFETERIA STARTER DIETS

| MIXING INSTRUCTIONS                 |    | LIGHT CALVES - <200 KG | COMPLETE STARTER |       |       |       |       | CAFETERIA |        |
|-------------------------------------|----|------------------------|------------------|-------|-------|-------|-------|-----------|--------|
|                                     |    |                        | 1                | 2     | 3     | 4     | 5     | 1         | 2      |
| BEEF FAT 33+                        | kg | 120                    | 160              | 160   | 160   | 160   | 120   | 160       | 160    |
| MAIZE / HOMINY CHOP (Prot. 75 g/kg) | kg | –                      | –                | 645   | –     | 580   | –     | –         | 765    |
| MAIZE / HOMINY CHOP (Prot. 85 g/kg) | kg | 580                    | 670              | –     | 605   | –     | 550   | 790       | –      |
| ROUGHAGE (Prot. 40 g/kg)            | kg | 200                    | 120              | 120   | 120   | 120   | 80    | Ad lib    | Ad lib |
| MAIZE SILAGE                        | kg | –                      | –                | –     | –     | –     | 300   | –         | –      |
| MOLATEK BYPASS (V21556)             | kg | 100                    | 50               | 75    | 75    | 100   | 50    | 50        | 75     |
| MOLASSES MEAL (V7264)               | kg | –                      | –                | –     | 40    | 40    | –     | –         | –      |
| TOTAL                               | kg | 1 000                  | 1 000            | 1 000 | 1 000 | 1 000 | 1 100 | 1 000     | 1 000  |

## COMPLETE AND CAFETERIA FINISHING DIETS

| MIXING INSTRUCTIONS                 |    | COMPLETE FINISHER |       |     |       | CAFETERIA |        |       |
|-------------------------------------|----|-------------------|-------|-----|-------|-----------|--------|-------|
|                                     |    | 1                 | 2     | 3   | 4     | 1         | 2      | 3     |
| BEEF FAT 33+                        | kg | 160               | 160   | 160 | 160   | 160       | 160    | 160   |
| MOLASSES MEAL (V7264)               | kg | –                 | –     | –   | –     | –         | –      | 80    |
| MAIZE / HOMINY CHOP (Prot. 75 g/kg) | kg | –                 | 720   | –   | –     | –         | 815    | –     |
| MAIZE / HOMINY CHOP (Prot. 85 g/kg) | kg | 730               | –     | 50  | 620   | 840       | –      | –     |
| CORN COB MEAL                       | kg | –                 | –     | 750 | –     | –         | –      | 760   |
| MAIZE SILAGE                        | kg | –                 | –     | –   | 300   | –         | –      | –     |
| MOLATEK BYPASS (V21556)             | kg | –                 | 50    | –   | –     | –         | 25     | –     |
| ROUGHAGE (Prot. 40 g/kg)            | kg | 120               | 120   | –   | 50    | Ad lib    | Ad lib | –     |
| TOTAL                               | kg | 1 010             | 1 050 | 960 | 1 130 | 1 000     | 1 000  | 1 000 |

## COMPLETE AND CAFETERIA DIETS FOR PHASE D AUCTION AND SHOW CATTLE

| MIXING INSTRUCTIONS                 |    | COMPLETE | CAFETERIA |
|-------------------------------------|----|----------|-----------|
| BEEF FAT 33+                        | kg | 160      | 160       |
| MAIZE / HOMINY CHOP (Prot. 85 g/kg) | kg | 640      | 840       |
| ROUGHAGE (Prot 40 g/kg)             | kg | 150      | Ad lib    |
| MOLATEK BYPASS (V21556)             | kg | 50       | 50        |
| TOTAL                               | kg | 1 000    | 1 050     |

Restrict the cafeteria ration intake to a maximum of 1.75% of body mass per bull / day.

### Finishing diet feeding instruction for cafeteria adaptation phase:

- Maize can partly be replaced with the following:
  - 50% with barley
  - 50% with triticale
  - 20% with wheat
  - 50% with sorghum

| Day  | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 10 |
|--|-------|-------|-------|--------|
| Limit mixed concentrate intake as a % of body mass         | 1%    | 1.4%  | 1.8%  | 2.3%   |
| kg/220 kg beef animal                                      | 2 kg  | 3 kg  | 4 kg  | 5 kg   |
| Plus ad lib hay/roughage or winter pasture until slaughter |       |       |       |        |

### Finishing diet feeding instruction for complete adaptation phase:

| Day   | 1 - 3 | 4 - 5 | 6 - 7 | 8 - 9 | 10 - 12 |
|---|-------|-------|-------|-------|---------|
| Limit mixed diet intake as a % of body mass | 1%    | 1.5%  | 2%    | 2.5%  | Ad lib* |
| Plus long hay (40 mm) ad lib                |       |       |       |       |         |

- \* The complete diet, without the extra-long hay is fed ad lib after day 12.

### Feeding tips for the finishing phase:

- A portion of the grain component can be substituted to great advantage with **Molatek Molasses Meal**.
- Maize can be partly replaced with the following:
  - 50% with barley
  - 50% with triticale
  - 20% with wheat
  - 50% with sorghum
  - 100% with hominy chop
- Grind small grains fine.
- Coarsely grind maize (grit).
- Grind roughage with a 50 mm sieve.
- Diets that are too dry (without silage) usually limit intake. Add 5-10% ( $\pm$  100 kg) water per ton of feed.

## ZILMASTER DIET

| MIXING INSTRUCTIONS                 |    | ZILMASTER MIX |
|-------------------------------------|----|---------------|
| BEEF FAT 33+                        | kg | 160           |
| MAIZE / HOMINY CHOP (Prot. 85 g/kg) | kg | 605           |
| MOLATEK BYPASS (V21556)             | kg | 25            |
| ROUGHAGE (Prot. 40 g/kg)            | kg | 130           |
| MOLATEK ZILMASTER (V19781)          | kg | 80            |
| TOTAL                               | kg | 1 000         |

Please adhere to the 72 hour withdrawal period for **Zilmaster**. Replace the **Zilmaster** in the ration with **Molatek Molasses Meal** or maize 72 hours before slaughter.

# SHEEP FATTENING CONCENTRATE



Class: Protein Concentrate for Sheep  
Registration no. V14344, Act 36/1947

**MASS: 50 kg**

**NEW IMPROVED FORMULATION**



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                 |    | STARTER     |       |       |       |       |
|-------------------------------------|----|-------------|-------|-------|-------|-------|
|                                     |    | LIGHT LAMBS | 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 | 1 000       | 1 000 | 1 000 | 1 000 | 1 000 |



### UREA WARNING

This animal feed contains an NPN source.  
Mix and feed strictly according to instructions.

## Feeding instructions for starter diets:

- Starter diet for light lambs on previous page, 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 on previous page) are for older lambs and ewes.

## COMPLETE AND CAFETERIA FINISHING DIETS

| MIXING INSTRUCTIONS                 |    | FINISHING DIETS |       | LAMB CAFETERIA | OLD EWE  |           |
|-------------------------------------|----|-----------------|-------|----------------|----------|-----------|
|                                     |    | 1               | 2     |                | COMPLETE | CAFETERIA |
| 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 | –               | –     | Ad lib         | 100      | Ad lib    |
| LUCERNE                             | kg | 150             | 150   | –              | 100      | –         |
| TOTAL                               | kg | 1 000           | 1 000 | 1 000          | 1 000    | 1 000     |


### 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   | 300 g | 450 g | 600 g | 750 g | 900 g  |
| 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 | 1 000      | 1 000 |
|  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      | Ad lib    |
| TOTAL                               | kg | 1 000    | 1 000     |

**These are examples of mixes, contact your TA for specialised custom rations to suit your requirements.**



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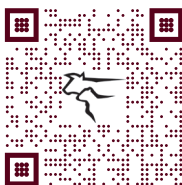
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