

COMPOSITION:

Crude Protein	min	g/kg	40
Moisture	max	g/kg	150
Crude Fibre	max	g/kg	100
Calcium	min/max	g/kg	8.1/12
ME Ruminant (Calculated) min		MJ/kg	10.3

Molatek Molasses Meal is made up of 75% high-quality molasses (high brix) absorbed on 25% sugar cane pith. It is high in energy making it suitable for a wide variety of rations.

ADVANTAGES:

- Given the synergistic effect of sugar with other starches in increasing animal production it is a good replacement for 10 – 20% of grain in rations.
- Can provide some of the fibre needed in rations when roughage is in short supply.
- A rich source of minerals, trace elements and especially B vitamins in a highly absorbable form.
- Easily mixed ensuring high-quality molasses in a manageable form.
- Reduces the dustiness of the diet, therefore increasing feed intake.
- Serves as a good binding agent when making pellets.
- Increases feed intake due to palatability and improved feed texture resulting in increased production.
- Has no negative impact on rumen pH as in the case of starch.
- Increases fatty acid production in the rumen resulting in more energy available for production.
- Increases microbial protein production resulting in more protein being available for milk, meat and wool production.
- An excellent energy source on pastures/veld because it has a lower pasture replacement effect than grain.
- Prevents dry gall sickness.

APPLICATION:

Horses:

- Two kg per horse per day, together with good quality pasture or roughage, supplies an excellent energy ration.
- On poor quality pasture or roughage, provide half a kilogram of sunflower or soya bean oil cake in addition to the 2 kg of **Molatek Molasses Meal** per day to help supplement protein deficiencies.

Cattle, Sheep and Goat Feedlots:

- Use up to 24% **Molatek Molasses Meal** in cattle rations and up to 15% in sheep and goat rations to make it more palatable, contribute to the energy and bind dust.
- Rations mixed with **Molatek Molasses Meal** assist in the adaptation of animals.

Dairy farms:

- Up to 15% **Molatek Molasses Meal** can be mixed into dairy cattle and calf rations.
- Makes rations mixed on-farm more palatable ensuring higher intakes.
- **Molatek Molasses Meal**-based rations can largely satisfy the energy requirements of young animals.

Game:

- Include 6 to 12% **Molatek Molasses Meal** in complete and semi-complete game diets to increase palatability and therefore intake.

Production and Maintenance Licks:

- **Molatek Molasses Meal** can replace grain completely in all on-farm lick mixes.

On-Farm Feed Pelleting:

- **Molatek Molasses Meal** can be included at 4 – 10% in the pelleting process as a binding agent.