



## MOLASSES

Molasses is a viscous liquid with a high sugar content which makes a very good source of quick energy for ruminants. Microbes in the rumen break down the sugars in molasses rapidly which causes a rapid release of energy. Molasses also contains minerals useful for sheep and beef.

Dry Matter	78%	NA	0.6%
Moisture	22%	K	4.8%
Crude Protein	4%	MG	0.3%
ME_Rum(DM)	11.5-12.5Mj/Kg	S	0.7%
Brix	82-86%	FE	250mg/kg
Total Sugars	48%	ZN	10mg/kg
Ash	12%	MN	80mg/kg
Calcium	1.1%	CU	10mg/kg
Phosphorus	0.1%	Specific Gravity	1.4kg/l

### MOLASSES HAS MANY USES IN RUMINANT FEED:

- Improving palatability and energy when poured onto low quality fibrous hays and straws.
- Useful to add to feed rations to reduce dust and improve energy and palatability i.e ram shed, feedlot rations or horse mixed feeds.
- Used as a carrier for mineral supplements in regions where stock won't go for salt-based products ie. lick drums in pastoral country.
  - Effective energy supplement for high protein and imbalanced feeds.
- Rapid release of energy in times of high energy demands such as pregnancy and lactation.



# Molafos<sup>®</sup> 15 Pasture Supplement

Molafos 15 is a palatable supplement with 15% protein that is high in Molasses (Energy) with a low urea level and balanced minerals. It is slightly more palatable than Molafos 15S.

## Molafos 15 Uses

- ✓ A dry feed / drought supplement to grazing cattle, sheep and goats on mature pasture, stubble or forage crops.
- ✓ Fed as a production supplement starting early in a dry season while there is a good body of forage available.
- ✓ A supplement for backgrounding cattle to get stock onto feed sooner and as a post-weaning supplement with hay and or grain for calves and lambs.
- ✓ Can be medicated with Monensin, Lasalocid or Flavophospholipol to improve feed efficiency.
- ✓ Has the option of increased Phosphorus levels.

SUITABLE FOR SPECIES   

SUITABLE FOR CATEGORIES: Breeder, Weaner, Maintenance, Grower, Production, Backgrounder

## Molafos 15 Features

- Unique Molafos feed system. Excellent carrier of minerals, vitamins, supplements and medications.
- Economical and with a balance of protein, energy and minerals.
- Ingredients are held in solution.
- Molasses based to supply sugars which stimulates appetite and improves urea utilisation.
- Flows at temperatures as low as -10°C.
- Contains a blend of Inorganic and Organic Minerals for improved availability and rumen bacterial health.
- Rain safe.

## Molafos 15 Benefits

- Palatable and accepted by stock on all country types.
- Controllable intake and cost allows for a budget to be compiled for entire supplement program at commencement.
- Suitable for all types of cattle sheep and goats regardless of body condition.
- Encourages stock to forage further and less selectively by promoting rumen bacteria function, ensuring enhanced forage utilisation, increased feed intake and digestion.
- Maintenance levels of phosphorus supports reproductive efficiency enabling conception rates to be maintained on dry feed.
- Ultimate convenience with ease of use. Minimal labour required with flexibility in application.



## Directions for Use

- Pour into open troughs and allow cattle and sheep free access.
- Feed out 3 day's supply and do not refill until the 4th day.
- Once intake has stabilised feed out 7 day's supply and do not refill until the 8th day.
- Stock may need to be supplemented with salt (especially sheep) for 1 week to appease any salt craving.
- Do not feed to starving or thirsty stock.
- Locate feeding stations away from water to reduce intakes and encourage grazing out.

Intakes – These products can be fed directly to livestock at recommended feeding rates.

Weaners: 0.5 to 1 kilogram / head / day

Adult Cattle: 1 to 2 kilograms / head / day

Sheep and Goats: 100 to 300 grams / head / day

1 litre Molafos = 1.32 kilograms

## Molafos 15 – Analysis as Fed

Minimum Dry Matter	68%	Minimum Sulphur (S)	1.0%
Energy ME (Dry Matter)	10.0Mj/kg DM	Minimum Copper (Cu)	12mg/kg
Minimum Total Crude Protein	15.0%	Minimum Organic Copper (Cu)	6.3mg/kg
Minimum Crude Protein	3.0%	Minimum Cobalt (Co)	1.5mg/kg
Minimum Equiv Crude Protein	12%	Minimum Iodine (I)	10mg/kg
Maximum Urea	3.3%	Minimum Zinc (Zn)	300mg/kg
Minimum Calcium (Ca)	0.7%	Minimum Organic Zinc (Zn)	150mg/kg
Minimum Phosphorus (P)	0.5%	Minimum Manganese (Mn)	100mg/kg
Minimum Magnesium (Mg)	0.2%	Min Organic Manganese (Mn)	50mg/kg
Maximum Salt (NaCl)	2.5%	Minimum Selenium (Se)	2.2mg/kg

## Available Options – Monensin, Lasalocid, Flavophospholipol and Elevated Phosphorus

### WARNING

This product must be used in accordance with labeled directions. You must observe all directions, warnings and precautions noted in the instructions.

This product contains Urea. Urea can be toxic to Cattle and Sheep at levels as low as 0.25g of urea per kilogram of live weight. Livestock should be introduced to urea gradually. Avoid feeding urea to starving or thirsty livestock. Always ensure an adequate supply of forage and fresh water.

All medicated liquid supplements should be thoroughly agitated before use, either through mechanical mixing or recirculation on a daily basis.

Sodium Monensin is toxic to all Equines and Canines and should never be fed to these species.

Sodium Monensin and Lasalocid can be toxic to cattle and sheep and can be fatal if not fed in accordance with the instructions for use for this product.

