



**Class:** Protein Energy Trace Mineral Supplement for Ruminants

**Form:** Meal / Pellets

## Description

This is a ready mixed protein energy trace mineral production lick for supplementation of:

1. Cows that are in a weak condition during the dry season, especially before calving when roughage sources are limited and the quality thereof very low;
2. Bulls and rams, as a steam-up ration from two months before the onset of the breeding season;
3. Heifers and young, growing bulls on low-quality grazing (winter veld).

## Benefits

- **Production Lick** is the ideal product to achieve high growth rates for the rearing of the breeding herd (Heifers) during the dry season.
- Contains high-quality protein, energy and trace minerals to achieve optimal growth under limiting grazing circumstances.
- **Production Lick** will stimulate the rumen to optimize the utilisation of low-quality grazing and roughage.
- Supports condition of suckling cows in the dry season to improve weaning weights and conception rates at re-breeding.

## Feeding Recommendations

**Production Lick** can be fed from the bag according to the following guidelines:

Type of animal	Recommended Intake (g/animal/day)	
	Minimum	Maximum
Sheep	200	250
Cattle	1 200	1 500

## Composition

Nutrient	Quantity	Unit	Min/Max
*Protein	250	g/kg	Min
Urea	47.5	g/kg	Max
Moisture	120	g/kg	Max
Calcium	6	g/kg	Min
Calcium	18	g/kg	Max
Phosphorus	6	g/kg	Min
Sulphur	3	g/kg	Min
Sulphur	4	g/kg	Max
Magnesium	5	g/kg	Min
Vitamin A	9 000	IU/kg	
Manganese	150	mg/kg	
Copper	18.75	mg/kg	
Cobalt	0.38	mg/kg	
Zinc	150	mg/kg	

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For further technical assistance, please contact a technical advisor in your area.

<b>CENTRAL REGION</b>	Randfontein - +27 11 693 5120	<b>WESTERN CAPE</b>	Paarl - +27 21 807 8700
	Standerton - +27 17 200 0272		Ladismith - +27 28 551 1950
	Delmas - +27 13 665 5011	<b>EASTERN CAPE</b>	Gqeberha - +27 41 402 5000
<b>KWA-ZULU NATAL</b>	Pietermaritzburg - +27 33 387 2403	<b>AFRICA</b>	Zambia - +260 967 790 404



**More than just feed**

Nutrient	Quantity	Unit	Min/Max
Iodine	1.88	mg/kg	
Selenium	0.5	mg/kg	
Lasalocid	200	mg/kg	

\*67.25 % derived from NPN

This product contains NPN sources - see NPN warning

### Warning

This product contains ionophores and must not be fed to horses.

### NPN Warning

This feed may contain feed-grade urea / NPN sources and thus must be mixed and fed strictly according to recommendations:

1. Vinegar is an effective remedy against NPN (non-protein nitrogen) poisoning. Mix with equal amounts of water. Dose half a bottle per calf or large sheep or 2-4 bottles per head of cattle. (1 bottle = 750ml)
2. Protect these feeds against rain. NPN is soluble and animals drinking such a solution can be poisoned.
3. Do not feed these feeds indiscriminately with other feed containing NPN. Consult an animal scientist.
4. Mix concentrates thoroughly with the prescribed ingredients.
5. This is a supplement and not a feed. Sufficient grazing and/or roughage must be available at all times.
6. Ensure that feed troughs are always full and give animals free access to grazing.
7. A salt-phosphate lick must be fed for a minimum of seven days prior to feeding any animal a NPN containing lick.

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