

## COMPOSITION:

Crude Protein	min	g/kg	870
Crude Protein ex NPN	max	%	97.9
Urea	max	g/kg	257
Moisture	max	g/kg	100
Crude Fibre	max	g/kg	100
Calcium	min/max	g/kg	5 / 10
Phosphorus	min	g/kg	1
Magnesium		g/kg	1.9
Sulphur		g/kg	22
Potassium		g/kg	13
Copper		mg/kg	400
Manganese		mg/kg	1200
Zinc		mg/kg	1200
Cobalt		mg/kg	4
Iodine		mg/kg	80
Selenium		mg/kg	8
Vitamin A		IU/kg	24 000

**Molatek Lick Mix 87** gives the cattle farmer the opportunity to mix on-farm transition, maintenance and production licks economically.

## ADVANTAGES:

- Mix transition, maintenance and/or production licks on the farm.
- Formulate specific licks depending on your unique circumstances, available pasture (type and quality), as well as the nutritional requirements of the animals.
- Stimulates the appetite of animals to increase the intake and digestibility of dry matter to restrict weight loss during winter.
- The combination of protein and trace minerals stimulates the digestion of low-quality pasture/veld as it stimulates the digestion process of the microbes in the rumen.

- The trace minerals result in an increase in the conception and calving percentages.
- Mixed with grain, it can be fed to lactating animals as a production lick.
- Has a laxative effect which helps to prevent dry gall sickness.
- Makes the feeding of urea safe because it is dissolved in molasses during the production process.
- Supplements deficient trace minerals such as zinc, copper, cobalt, iodine, selenium and sulphur on dry pastures, which play an important role in increasing conception percentages.
- Molasses binds the lick thus avoiding loss caused by wind.
- The synchronised release of nitrogen (from urea) and energy (from molasses) ensures optimum microbial protein production.

## LICK MIXES (With Phosphate)

MIXING INSTRUCTIONS		MAINTENANCE LICK		TRANSITION LICK	PRODUCTION LICK
		1	2		
MOLATEK LICK MIX 87	kg	320	280	240	240
MAIZE / HOMINY CHOP (Prot. 75 g/kg)	kg	100	–	80	500
P12	kg	50	50	250	50
SALT	kg	200	200	300	200
<b>TOTAL</b>	<b>kg</b>	<b>670</b>	<b>530</b>	<b>870</b>	<b>990</b>

### COMPOSITION

PROTEIN	min	g/kg	426	459	244	254
PROTEIN ex NPN	max	%	95.5	98.1	93.80	79.1
UREA	max	g/kg	122.7	135.8	69.52	61.0
MOISTURE	max	g/kg	80	80	120	120
FIBRE	max	g/kg	100	100	100	100
CALCIUM	min/max	g/kg	20 / 30	20 / 30	70 / 100	10 / 15
PHOSPHORUS	min	g/kg	10	10	35	7.5

### FEEDING INSTRUCTIONS



Cattle

g/day	360 – 520	330 – 480	250 – 350	1030 – 1640
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## LICK MIXES (Without Phosphate)

MIXING INSTRUCTIONS		MAINTENANCE LICK	
		1	2
MOLATEK LICK MIX 87	kg	240	120
MAIZE / HOMINY CHOP (Prot. 75 g/kg)	kg	100	–
P12	kg	–	–
SALT	kg	150	100
<b>TOTAL</b>	<b>kg</b>	<b>490</b>	<b>220</b>

### COMPOSITION

PROTEIN	min	g/kg	441	474
PROTEIN ex NPN	max	%	94.6	98.0
UREA	max	g/kg	125.8	140.2
MOISTURE	max	g/kg	80	100
FIBRE	max	g/kg	100	100
CALCIUM	min/max	g/kg	3 / 8	4 / 8
PHOSPHORUS	min	g/kg	1	1
ME RUMINANT (CALCULATED)		MJ/kg	–	–

### FEEDING INSTRUCTIONS



Cattle

g/day 340 – 500 320 – 470

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