

## COMPOSITION:

Crude Protein	min	g/kg	200
Crude Protein ex NPN	max	%	66
Urea	max	g/kg	38.09
Moisture	max	g/kg	150
Crude Fibre	max	g/kg	100
Calcium	min/max	g/kg	10 / 20
Phosphorus	min	g/kg	6
Magnesium		g/kg	3.1
Sulphur		g/kg	4.9
Potassium		g/kg	19
Copper		mg/kg	20
Manganese		mg/kg	100
Zinc		mg/kg	150
Cobalt		mg/kg	1
Iodine		mg/kg	1.5
Selenium		mg/kg	1
Vitamin A		IU/kg	15 000
ME Ruminant (Calculated)		MJ/kg	9

## Feeding instruction: Intake per day



Sheep/Goat 220 - 400 g



Cattle 1 250 - 1 750 g

**Molatek Master 20** is an excellent and versatile protein- energy supplement. It is suited for pregnant and lactating beef cattle, young ewes and heifers on veld. It can also be used to supplement lower quality green pastures, for example natural, mature veld pastures or grazing with less than 12% crude protein, as well as on winter veld.

## ADVANTAGES:

- An excellent production lick at the end of winter when pasture availability is low. Also helps weaner calves to sustain their body weight on winter veld.

- Provides the necessary minerals and trace minerals critical for production and reproduction.
- Ensures optimum body condition and improves conception.
- Increases calving and lambing percentages.
- Increases the cow's milk production and the weaning weights of calves.
- Increases growth rate of weaned calves and lambs.



## PHOSPHATE AND PRODUCTION LICK MIXES

MIXING INSTRUCTIONS		PHOSPHATE		PRODUCTION		EWE LAMBING LICK
		1	2	1	2	
MASTER 20	kg	40	80	280	280	200
P12	kg	50	–	–	–	–
P21	kg	–	50	–	–	–
MAIZE / HOMINY CHOP (Prot. 85 g/kg)	kg	–	–	–	280	150
MOLATEK BYPASS (V21556)	kg	–	–	–	–	100
SALT	kg	50	50	50	100	50
<b>TOTAL</b>	<b>kg</b>	<b>140</b>	<b>180</b>	<b>330</b>	<b>660</b>	<b>500</b>

### COMPOSITION

PROTEIN	min	g/kg	57	88	169	116	162
PROTEIN ex NPN		%	66.2	66.7	66.3	48.3	32.6
UREA	max	g/kg	10.9	16.9	32.3	16.2	15.2
MOISTURE	max	g/kg	80	80	120	120	120
FIBRE	max	g/kg	80	80	100	80	100
CALCIUM	min/max	g/kg	89 / 92	50 / 55	9.5 / 17	5 / 8.9	5.6 / 9.2
PHOSPHORUS	min	g/kg	45	61	5.2	3.5	4.3
ME RUMINANT (CALCULATED)	min	MJ/kg	–	–	7.7	9.1	–

### FEEDING INSTRUCTION

 Cattle	g/day	135 – 270	100 – 200	1500 – 2000	2100 – 3000	–
 Sheep/Goat	g/day	28 – 56	20 – 40	420 – 500	600 – 780	430 – 560

\* Where high levels of lime are found in the soil and water, lick mix 2 should be used. High levels of lime suppress the absorption of phosphate and trace minerals.

# DAIRY MIXES

## MIXING INSTRUCTIONS DAIRY 15 DAIRY 17

MASTER 20	kg	200	200
MAIZE / HOMINY CHOP (Prot. 85 g/kg)	kg	550	500
MOLATEK BYPASS (V21556)	kg	200	300
LIMESTONE	kg	15	15
TOTAL	<b>kg</b>	<b>965</b>	<b>1 015</b>

## COMPOSITION

PROTEIN	min	g/kg	152	170
PROTEIN ex NPN	max	%	17.99	15.3
UREA	max	g/kg	7.9	7.5
MOISTURE	max	g/kg	120	120
FIBRE	max	g/kg	100	100
CALCIUM	min/max	g/kg	8.7	8.8
PHOSPHORUS	min	g/kg	3.7	4.1