



COMPOSITION	
Nutrient	g/kg
Crude Protein (min.)	700
Equiv. Crude Protein from NPN (max.)	80.00%
Urea (max.)	195.12
Crude Fat (max.)	14
Crude Fibre (max.)	80
Moisture (max.)	120
Calcium (min.)	22
Calcium (max.)	55
Phosphorus (min.)	22
Ca:P Ratio	1-2.5:1
Sulphur (min.)	11.2
Potassium (min.)	52.5
Magnesium (min.)	8.5
Iron (min.)	423 mg/kg
Copper (min.)	112.50 mg/kg
Manganese (min.)	250 mg/kg
Zinc (min.)	437.5 mg/kg
Cobalt (min.)	1.25 mg/kg
Iodine (min.)	4.25 mg/kg
Selenium (min.)	1.75 mg/kg
ME cattle/sheep	6.0 MJ/kg

### FEEDING RECOMMENDATIONS

- This is a supplement and not a feed.
- Sufficient grazing/roughage must be available at all times.
- Keep lick troughs filled and prevent gluttonous eating by hungry animals.
- A constant daily intake can help prevent poisoning.
- A salt phosphorus lick must be available at least 7 days prior to feeding a NPN containing lick to prevent over consumption of urea due to salt hunger.
- Store in a cool, dry place, away from direct sunlight.

## High quality lick concentrate for cattle and sheep

- Suitable for mixing of high quality maintenance and production licks for cattle and sheep.
- Provides optimal quantities of quality natural protein, NPN, minerals and trace minerals for economic utilization of low quality roughages.
- Maintains body condition and supports reproduction on low quality grazing and roughages.

### FEEDING INSTRUCTIONS

1. Protect the feed from rain. NPN (e.g. urea) is soluble and animals drinking such a solution could be poisoned.
2. This farm feed must not be fed indiscriminately together with other NPN-containing feeds. Contact an AFGRI Animal Feeds Technical Advisor for recommendations.
3. Vinegar is an effective remedy against NPN poisoning. Treatment: Mix with an equal amount of water and dose half a bottle per calf or large sheep and 2 to 4 bottles per head of cattle (1 bottle = 750ml).
4. Guidelines for intake: Intake will depend on the production status of the animals and the quality and quantity of grazing/roughage available.
5. Lick intake should be managed. The recommendation is to feed the animal the required amount per day, however research shows that if animals consume the supplement in a shorter period than recommended, no feed related problems are experienced. The required amount of lick can be supplied (g/animal x number of animals x 2 days) every third day if management practice only allows that. These feeding methods ensure accurate intake under all circumstances, which would not be possible if salt is used solely as an intake regulator.

**Sufficient trough space is of the utmost importance.**

**Form: Mash**

**Packaging: 40 kg Bags**

Class: CONCENTRATE FOR CATTLE AND SHEEP SUPPLEMENT FEED  
 Reg. No: V17083 – Act 36/1947  
 AFGRI Product code: R1210

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MIXING INSTRUCTIONS	Production supplement		Maintenance Supplement
Ingredients	Sheep	Cattle	Cattle and Sheep
Maize meal, Hominy chop, wheat bran <sup>1</sup>	300 kg	250 kg	
Wintertech HPC	200kg	320 kg	480 kg
Molasses meal <sup>2</sup>	80 kg	80 kg	
Salt <sup>3</sup>	100 kg	150 kg	250 kg
Total	680 kg	800 kg	730 kg
RECOMMENDED INTAKE g/animal/day			
Animal	Production supplement		Maintenance supplement
Cattle	1150 - 1200		425 - 550
Sheep	300 - 330		120 - 150

<sup>1</sup> Maize meal (80g/kg protein on an as fed basis).

<sup>2</sup> If molasses meal is not used it can be replaced by the same quantity of any energy source (e.g. maize).

<sup>3</sup> Salt levels may be increased or decreased depending on the required intake one wants to achieve with the above supplements.

COMPOSITION OF MIXTURE	Class: Protein, Energy, Mineral and Trace Mineral supplement		
	Production supplement		Maintenance Supplement
	Sheep	Cattle	Cattle and Sheep
Nutrient	g/kg	g/kg	g/kg
Crude Protein (min.)	260	31	460
Equiv. Crude Protein from NPN (max.)	68.90%	73.5%	80%
Urea (max.)	62.4	79.6	128.3
Crude Fibre (max.)	18	16	9
Moisture (max.)	80	80	80
Calcium (min.)	120	120	120
Calcium (max.)	18.2	23.	36.2
Phosphorus (min.)	8.0	9.7	14.5

## WARNING

This farm feed contains a NPN source and registered stock remedies. Feed strictly according to instructions. Mix this concentrate thoroughly with the prescribed ingredients. For stock remedy recommendations see attached labels.