



COMPOSITION	
Nutrient	g/kg
Crude Protein (min.)	350
Equiv. Crude Protein from NPN (max.)	36.5 %
Urea (max.)	44.5
Moisture (max.)	120
Calcium (min.)	20
Calcium (max.)	30
Phosphorus (min.)	8
Ca:P Ratio	2.5-3.75:1
Magnesium (min.)	16.5
Sulphur (min.)	3.75
Potassium (min.)	6
Iron (min.)	112.5 mg/kg
Copper (min.)	24 mg/kg
Manganese (min.)	90 mg/kg
Zinc (min.)	90 mg/kg
Cobalt (min.)	0.495 mg/kg
Iodine (min.)	0.345 mg/kg
Selenium (min.)	0.495 mg/kg
ME cattle/sheep	8.9 MJ/kg
Selenium (min.)	1.75mg/kg
ME cattle/sheep	6.00 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.

Form: Mash
Mass: 40 kg Bags

Concentrate for mixing of high quality supplements for sheep and goats

- Suitable for sheep and goats in production on low quality grazing or roughages.
- Final mixtures provide optimal quantities of quality energy, natural protein, NPN, minerals and trace minerals for economic utilization of low quality roughages.
- Final mixtures supply high levels of rumen bypass protein and energy for improved ADG as well as milk and wool production.
- Recommended for flush feeding, pregnant ewes, lactating ewes and growing live stock.

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.**

Class: CONCENTRATE FOR SHEEP SUPPLEMENT FEED
 Reg. No: V20363 – Act 36/1947
 AFGRI Product code: R1224

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MIXING INSTRUCTIONS	Maintenance Supplement	Production supplement		
		Mix 1	Mix 2	Mix 3
Ingredients				
Maize meal, Hominy chop, wheat bran ¹		150 kg	200 kg	250 kg
Supertech HPC	400 kg	240 kg	200 kg	160 kg
Molasses meal ²	40 kg	40 kg	40 kg	40 kg
Salt ³	100 kg	50 kg	50 kg	50 kg
Total	540 kg	480 kg	490 kg	500 kg

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

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

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

RECOMMENDATION INTAKE (G/SHEEP/DAY)

Maintenance	150-200	240-300	240-300	240-300
Pregnant ewes		250-350	250-350	250-350
Lactating ewes		350-500	350-500	350-500
Young replacement ewes		250-500	250-500	250-500

COMPOSITION OF MIXTURE

Class: Protein, Energy, Mineral and Trace Mineral supplement

Mix	Maintenance supplement	Production supplement		
		Mix 1	Mix 2	Mix 3
Nutrient	g/kg	g/kg	g/kg	g/kg
Crude Protein (min.)	262	205	179	156
Equiv. Crude Protein from NPN (max.)	35.8%	31.1%	29.0%	26.2%
Urea (max.)	33	22.2	18.1	14.2
Moisture (max.)	120	120	120	120
Calcium (min.)	15	10.6	8.6	6.8
Calcium (max.)	23	16	13	10
Phosphorus (min.)	6	4.7	4.1	3.6
Ca:P Ratio	2.2-3.75:1	2.25-3.4:1	2.1-3.17:1	1.9-2.77:1

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.