



# MULTIMIX 40 CONCENTRATE

Registration No: V 18607 Act 36 of 1947

**Class:** Protein Trace Mineral Concentrate for Ruminants

**Form:** Meal

## Description

**Multimix 40 Concentrate** is a NPN-free protein trace mineral concentrate to be used to home mix:

1. Energy licks
2. Sheep maintenance protein licks
3. Beef maintenance protein licks
4. Production licks for sheep
5. Production licks for beef

Mixtures 1, 2, 3, 4 and 5 contain NPN sources. Mix and feed strictly according to mixing instructions. See NPN warning for more information.

## Benefits

- More than just a high protein concentrate. Contains vitamins, minerals and trace minerals.
- High-quality protein concentrate.
- Versatile that allows formulation of energy licks, protein licks, production licks and complete feeds.
- Can be used for sheep and cattle.
- Contains no urea, only natural protein.

## Composition

Nutrient	Quantity	Unit	Min/Max
Protein	400	g/kg	Min
Moisture	120	g/kg	Max
Calcium	8	g/kg	Max
Phosphorus	7	g/kg	Min
Sulphur	8	g/kg	Min
Magnesium	5	g/kg	Min
Vitamin A	18 000	IU/kg	
Manganese	300	mg/kg	
Copper	37.5	mg/kg	
Cobalt	0.75	mg/kg	
Zinc	300	mg/kg	
Iodine	3.75	mg/kg	
Selenium	1	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**

## Mixing and feeding recommendations

Mix and feed according to the instructions in the table below:

Mixing Instructions (kg)					
Type of Feed*	Energy lick (1)	Sheep maint. (2)	Beef maint. (3)	Sheep prod. (4)	Beef prod. (5)
Class of Farm Feed	Protein energy supplement	Protein mineral supplement	Protein mineral supplement	Protein energy supplement	Protein energy supplement
Supreme 20 (V18601)	400				
Multimix 40 Concentrate (V18607)	100	350	200	250	150
Maize meal (max prot. 80g/kg)	400	300	300	550	550
Urea		50	150	20	60
Feedlime			10		10
MCP			40		10
Salt	100	300	350	150	200
<b>TOTAL</b>	<b>1 000</b>	<b>1 000</b>	<b>1 050</b>	<b>970</b>	<b>980</b>
Composition (g/kg)					
Crude protein	152	308	509	206	278.3
Urea (max)	19	50	142.9	20.6	61.2
% protein ex NPN	44.28	46.61	80.57	28.7	63.1
Calcium (min)		2.5*	10.9*	1.9	6.5
Calcium (max)	6.0	2.9	11.1*	2.2	6.6
Phosphorus (min)	3.9	2.5*	9.9	3.0	4.4
Magnesium	3.0	1.8	1.3*	2.0	1.4
Expected intakes (g/animal/day)					
Cattle (min)	1 000		400		1 000
Cattle (max)	1 200		600		1 200
Sheep (min)	200	90		200	
Sheep (max)	250	110		250	

\* At minimum intake, the levels of these minerals do not meet the minimum requirements for a mineral supplement for cattle and sheep as prescribed by Act 36/1947

Mixtures in the table contain NPN sources - see NPN warning.

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## **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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**More than just feed**