



# RUMINANT BLOCK

Registration No: V 18130 Act 36 of 1947

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

**Form:** Block

## Description

**Ruminant Block** is a protein mineral trace mineral supplement for cattle and sheep on low quality roughage. This product can be used by dairy farmers, cattle farmers and sheep farmers and is specifically useful where all species are found on one farm, grazing the same camps from time to time. **Ruminant Block** is used to supplement the natural shortage of protein during the dry season. **Ruminant Block** also provides the necessary minerals which will lead to improved fertility and reproduction. The balance between natural protein, NPN and energy sources will enhance rumen microbial activity and cause the animal to optimally utilise the available roughage.

**Ruminant Block** is an easy way of supplementation in hard to reach areas, such as mountainous camps, and where animals cannot be visited frequently.

## Benefits

- Supplies protein that is limiting on dry veld.
- Improves the utilisation of low-quality roughages.
- This block allows sufficient intake to stimulate rumen function.
- Supplies minerals, trace minerals and vitamins.
- Can be used by cattle and sheep.

## Feeding recommendations

Type of animal	Recommended Intake (g/animal/day)	
	Minimum	Maximum
Cattle	600	800
Small ruminants	120	140

Only to be used for/fed to specified animal species.

## Composition

Nutrient	Quantity	Unit	Min/Max
*Protein	300	g/kg	Min
Urea	70	g/kg	Max
Fat	25	g/kg	Min
Moisture	160	g/kg	Max
Calcium	12	g/kg	Min
Calcium	36	g/kg	Max
Phosphorus**	12	g/kg	Min
Sulphur**	4	g/kg	Min
Magnesium	6	g/kg	Min
Vitamin A	18 000	IU/kg	
Manganese	300	mg/kg	

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For further technical assistance, please contact a technical advisor in your area.

CENTRAL REGION	Randfontein	- +27 11 693 5120	WESTERN CAPE	Paarl	- +27 21 807 8700
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	Delmas	- +27 13 665 5011		EASTERN CAPE	Gqeberha
KWA-ZULU NATAL	Pietermaritzburg	- +27 33 387 2403	AFRICA	Zambia	- +260 967 790 404



More than just feed

Nutrient	Quantity	Unit	Min/Max
Copper	37.5	mg/kg	
Cobalt	0.75	mg/kg	
Zinc	300	mg/kg	
Iodine	3.75	mg/kg	
Selenium	1	mg/kg	

\*77.5 % derived from NPN

This product contains NPN sources - see NPN warning

\*\* The levels of these minerals do not meet the minimum requirements of a mineral supplement for cattle and sheep in accordance with Act 36 of 1947.

### 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. (1bottle = 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**