

## VOERMOL PREMIX 450

Class: Protein and Trace Mineral Supplement for Cattle

**VOERMOL PREMIX 450** is a cost effective, ready-mixed maintenance lick for cattle on dry veld:

- stimulates intake and digestion of dry roughage as it provides protein, minerals and vitamins which stimulate the micro-organisms in the rumen;
- helps prevent dry gall sickness because molasses is mildly laxative;
- provides trace elements essential for a healthy appetite;
- contains **rumen-protected vitamin A** to increase stability in the rumen and improve overall bioavailability. This leads to improved fertility, immunity and health, and milk production and quality;
- is a concentrated source of protein which results in lower cost per unit of protein.



### COMPOSITION OF VOERMOL PREMIX 450

REG NO V4676 (Act 36/1947) N-FF 0085

		(g/kg)			(mg/kg)
Crude Protein*	(min)	450	Manganese		650
Urea	(max)	150	Copper		75
Crude Fibre	(max)	100	Cobalt		3.1
Moisture	(max)	160	Iron		225
			Iodine		16
			Zinc		650
			Selenium		3.2
			Vitamin A (IU/kg)		12 500
*96 % derived from NPN					

Packaging – 50 kg

**See urea warning**

### FEEDING INSTRUCTIONS

**Voermol Premix 450** can be fed on its own as a maintenance lick or, in consultation with a nutritionist, it can be mixed with grain to make a production lick. The high phosphorus (P) production lick is recommended for late pregnant and lactating cows and young growing animals. The heifer lick is recommended for replacement heifers. The intake of the lick will be influenced by the quality of the pasture or roughage and the production status of the animal.

### RECOMMENDED INTAKE OF VOERMOL PREMIX 450

(g/animal/day)

Cattle: 400 – 500



# PROTEIN LICKS

## Production Lick:

MIXING INSTRUCTIONS FOR PRODUCTION LICK (kg)			
	Production Lick	Heifer Lick	Transitional Lick
<b>Voermol Premix 450</b>	500	400	200
<b>Voermol Rumevite 12P</b>	50	50	100
Maize Meal	500	500	–
Salt	–	–	150
<b>Voermol Procon 33</b>	–	50	–
<b>Total</b>	<b>1 050</b>	<b>1 000</b>	<b>450</b>
COMPOSITION OF MIXTURE/S (g/kg)			
	Production Lick	Heifer Lick	Transitional Lick
Crude Protein (min)	253	237	200
Urea (max)	71.4	60	66.9
Calcium (max)	13.6	13.4	58.7
Phosphorus (min)	8	8.7	27.7
Energy est. (MJ ME/kg)	7.9	8.5	–
% Protein derived from NPN	81	72.6	96
RECOMMENDED INTAKE OF PRODUCTION LICK (g/animal/day)			
Cattle	1 520 - 1700 <sup>1</sup>	1 000 - 1 500	250 - 400

<sup>1</sup> Maximum allowable intake



## UREA WARNING

### UREA

The majority of licks contain urea that can be dangerous under certain conditions. During the formulation and manufacturing process of **Voermol licks**, great care is taken to minimise the risks of feeding urea. The possibilities of urea poisoning can be further reduced by taking note of the following:

- use licks as prescribed;
- limit lick intake to the prescribed maximum levels;
- feed the licks together with sufficient grazing and/or roughage;
- take special care during feed scarcity (drought conditions) to prevent high lick intake;
- prevent excessive lick intake in the initial stages (salt hunger) by allowing the animals access to **Voermol Rumevite 6P** for the first 14 days;
- do not let licks get wet.

**See urea warning on the product packaging.**

### UREA WARNING

This farm feed contains NPN (Non-Protein Nitrogen) sources and must therefore be fed strictly according to instructions for use.

- Vinegar is an effective remedy against NPN poisoning. Mix with an equal amount of water. Dose half a bottle per calf/sheep or 2 – 4 bottles per head of cattle (1 bottle = 750 ml).
- Protect this farm feed against rain. NPN is soluble and animals drinking such a solution could be poisoned.
- Do not feed this farm feed indiscriminately with other NPN containing farm feeds. Consult an animal scientist.
- Mix concentrate thoroughly with the prescribed ingredients.
- This is a supplement and not a feed. Sufficient grazing and/or 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.
- Before feeding a NPN containing lick, feed an ordinary salt / phosphate lick for at least 7 days.

### GMO STATEMENT

These animal feeds may contain ingredients derived from GMO (genetically modified organisms) origin.

