

PROTEIN LICKS

VOERMOL BOVELDER LICK CONCENTRATE

Class: Protein and Trace Mineral Concentrate for Cattle

VOERMOL BOVELDER LICK CONCENTRATE is a lick concentrate for the home mixing of winter licks for cattle in sour veld areas with severe winters:

- must be mixed with salt and other ingredients to give a maintenance lick or a suitable production lick;
- specially formulated for areas where the intake of regular winter licks is too high;
- is a concentrated source of protein which leads to a lower cost per unit protein;
- contains adequate amounts of natural protein and phosphorus to overwinter cattle in a cost-effective manner;
- stimulates microbes in the rumen to promote the intake and digestion of dry winter grazing;
- helps prevent dry gall sickness since molasses is mildly laxative;
- provides trace elements which are essential for optimum appetite and fertility.



COMPOSITION OF VOERMOL BOVELDER LICK CONCENTRATE

REG NO V19908 (Act 36/1947)

(g/kg)

(mg/kg)

Crude Protein* (min)	750	Manganese	250
Urea (max)	220	Copper	125
Crude Fibre (max)	100	Cobalt	5
Moisture (max)	140	Iron	375
		Iodine	30
		Zinc	375
		Selenium	3
		Vitamin A (IU/kg)	16 667

*93.2 % derived from NPN

Packaging – 50 kg

See urea warning

NB. Voermol Bovelder Lick Concentrate contains sources of NPN and should therefore be strictly used in accordance with the mixing and feeding instructions. It must never be fed unmixed to animals.



VOERMOL

MIXING AND FEEDING INSTRUCTIONS

Voermol Bovelder Lick Concentrate can be mixed with salt only or with salt and maize meal to give maintenance or production licks. Maintenance licks are recommended for dry cows and production licks for cows with calves as well as young growing animals. The choice of the lick mix will depend on the production status and the condition of the animal as well as the quality and availability of the grazing.

Mixing and feeding instructions for maintenance and production licks:

MIXING INSTRUCTIONS (kg)					
	Maintenance Lick			Production Lick	
	1	2	3	4	5
Bovelder Lick Conc.	600	450	400	400	400
Maize Meal	–	200	300	400	450
Salt	400	350	300	200	150
Total	1 000	1 000	1 000	1 000	1 000
COMPOSITION OF LICK (g/kg)					
Crude Protein	450	354	324	332	336
Urea (max)	131	98	87	87	87
Calcium (max)	12	9.1	8.1	8.1	8.1
Phosphorus (min)	9.6	7.7	7.2	7.4	7.5
% Protein derived from NPN	88	84	81.5	79.5	78.6
RECOMMENDED INTAKE (g/animal/day)					
Cattle	400 - 550	500 - 700	550 - 800	800 - 1 100	800 - 1 100

- Lick 1:** This maintenance lick is highly concentrated and should therefore only be fed to dry cattle where abundant grass is available. The lick is eminently suitable for sour veld areas where the intake of licks is normally too high.
- Licks 2 and 3:** These licks contain maize meal and are therefore more palatable than Lick 1. Use in circumstances where more energy needs to be supplemented.
- Licks 4 and 5:** Licks 4 and 5 are production licks for cows with calves or growing young animals such as replacement heifers. The voluntary intake of lick 5 will be the highest.



VOERMOL

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 back of the bag.

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.



VOERMOL