

VOERMOL LS 33

Class: Protein and Trace Mineral Supplement for Ruminants

VOERMOL LS 33 is a molasses-based protein, vitamin, mineral supplement in liquid form;

- will increase intake of dry roughage because it is highly palatable;
- will increase utilisation of poor quality roughage because it supplements protein, energy, phosphorus and other limiting nutrients as well as limiting wastage;
- ensures safe feeding and efficient utilisation of urea as urea is initially dissolved in molasses. The danger of concentrated urea is therefore lessened;
- is so formulated that the danger of urea poisoning is minimised;
- is a good binding agent for the manufacturing of pellets.



LS 33

**V2678
N-FF 0088**

COMPOSITION OF VOERMOL LS 33

REG NO V2678 (Act 36/1947) N-FF 0088

(g/kg) (mg/kg)

Crude Protein* (min)	330	Manganese	800
Urea (max)	97	Copper	120
Moisture (max)	330	Cobalt	2.1
Calcium (max)	10	Iron	220
Phosphorus (min)	3	Iodine	11
		Zinc	650
		Selenium	2.2
		Vitamin A (IU/kg)	40 000
*88.4 % derived from NPN			

Packaging – 25 kg, 300 kg drum or bulk.

See urea warning.

FEEDING INSTRUCTIONS

LICK WHEEL OR SELF FEEDER

Voermol LS 33 can be fed as a liquid protein lick to cattle, sheep and goats. Make use of a lick wheel or self feeder. Suitable for ruminant game.

RECOMMENDED INTAKE (// animal/day)

Voermol LS 33

Cattle: 0.47 – 0.63

Sheep: 0.07 – 0.12



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TREATMENT OF ROUGHAGE

Wastage is always a problem when feeding cattle and sheep poor quality roughage, especially during feed shortages. Treat this roughage with **Voermol LS 33** to reduce wastage. Dilute with equal quantities of water and spray or pour over the roughage at the following volumes (of the diluted mixture):

Ad lib. FEEDING

VOERMOL LS 33 Diluted mixture	(/ /10 kg roughage)
Cattle:	0.7 – 1.2
Sheep:	0.5 – 0.8

RESTRICTED FEEDING

If the roughage is being restricted, then treat only the amount of roughage needed with **Voermol LS 33** according to the intake table on the previous page.

SPRAYING PASTURES

This method increases the intake of poor pastures during feed shortages. Dilute **Voermol LS 33** with an equal volume of water and spray the solution over the pasture at a rate of 1 / /cattle/day or 0.2 / /sheep/day.

- Use any type of spraying equipment, either backpack or tractor drawn.
- Apply as a fine mist. Avoid big drops, which leads to wastage.
- Don't apply too little liquid, otherwise grass won't get wet right through.
- Rinse spray equipment with water after application.
- Spray veld daily and graze treated veld thoroughly.
- Do not spray when wind is blowing.
- Treated veld is sufficient for maintenance and no additional maintenance licks are necessary.
- Provide 8 – 10 kg grass/cattle/day.
- Area necessary for 100 cattle/day:
 - * Marshes, 4 t material/ha – spray 100 / solution on 0.25 ha.
 - * Dryer veld, 2 t material/ha – spray 100 / solution on 0.5 ha.
- Animals graze treated veld well. There are, however, exceptions:
 - * Younger animals adapt slower than older animals.
 - * Animals directly from green veld take longer to adapt.
 - * Less suitable for wool sheep because the wool tends to get dirty.
- For firebreaks, spray 2 m strips with 20 – 40 m untreated strips in between. Graze treated strips during early autumn and burn the untreated strips after the first frost.
- Spray alongside fence to prevent fire close to fences.



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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.



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