

LIQUID FEEDS

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.



25 kg, 300 kg DRUM or in BULK

COMPOSITION OF VOERMOL LS 33

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

(g/kg)

(mg/kg)

Crude Protein* (min)	330	Manganese	150
Urea (max)	97	Copper	50
Moisture (max)	330	Cobalt	2
Calcium (max)	10	Iron	150
Phosphorus (min)	3	Iodine	16
		Zinc	150
		Selenium	1.32
		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 (l/ animal/day)

Voermol LS 33

Cattle: 0.4 – 0.7

Sheep: 0.06 – 0.10



VOERMOL

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 (l/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 l/cattle/day or 0.2 l/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 l solution on 0.25 ha.
 - * Dryer veld, 2 t material/ha – spray 100 l 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.



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