VOERMOL WINSLEK CONCENTRATE

Class: Protein, Mineral and Trace Mineral Concentrate for Ruminants

VOERMOL WINSLEK CONCENTRATE is a lick concentrate for the mixing of a good quality maintenance or production lick as a supplement to any type of dry pasture (i.e. dry natural grass veld, Karoo Shrubs and mixed Karoo veld as well as crop residues) to improve the utilisation thereof:

- mixed with salt, it provides a good quality protein and energy-rich maintenance lick, which limits mass loss on dry pasture;
- mixed with grain and salt, it provides a production lick with good quality natural protein and a high energy content, which improves mass gain and production on dry pasture;
- is a molasses based product which does not blow away in the wind and ensures good intake because it is palatable;
- contains urea dissolved in molasses, which reduces the risk of urea poisoning;
- supplies urea and bypass protein that respectively provide ammonia and amino acids and stimulate growth of the rumen micro-organisms, which in turn improve digestion and intake of the dry pasture;
- supplies protein which stimulates appetite and subsequently reduces selective grazing, thereby improving the utilisation of unpalatable dry pasture;
- contains adequate sulphur which improves the conversion of urea nitrogen to protein in the rumen, hence ensuring effective utilisation of urea and other non-protein nitrogen sources;
- supplies a moderate level of bypass protein, which stimulates pasture intake and subsequently improves production and reproduction;
- is rich in potassium, which helps to prevent dry gall sickness on dry pasture;
- supplies a high level of trace minerals in the correct ratio to enhance the animal's trace mineral status, which stimulates appetite, improves production and reproduction and enhances the animal's immunity;
- supplies Vitamin A, which is limited in dry pasture;
- contains no medicaments or products of animal origin and is therefore suitable for the production of naturally produced meat (e.g. Natural Lamb and Beef) and
- **Winslek Concentrate mixtures are licks and not complete feeds, therefore adequate roughage in the form of dry pasture, hay or straw should always be available *ad lib.***

Maintenance and Production lick mixtures of **Voermol Winslek Concentrate** promotes cost-effective production of meat, wool and fibre.

VOERMOL

COMPOSITION OF **VOERMOL WINSLEK CONCENTRATE** REG NO V17865 (Act 36/1947) N-FF 1777		(g/kg)		(mg/kg)
Crude Protein*	(min)	350	Manganese	320
Urea	(max)	90	Copper	30
Crude Fibre	(max)	120	Cobalt	5
Moisture	(max)	160	Iron	150
Calcium	(min/max)	10/13	Iodine	8
Phosphorus	(max)	3.6	Zinc	400
Magnesium	(min)	6	Selenium	2
Sulphur	(min)	7	Vitamin A (IU/kg)	15 600
*74.7 % derived from NPN				

Packaging – 50 kg

***NB. Voermol Winslek Concentrate contains NPN sources and should therefore be mixed and fed strictly according to the instructions for use.* See urea warning**

MIXING INSTRUCTIONS

Mix **Voermol Winslek Concentrate** with salt, according to instructions listed below, to compile a **Maintenance lick**, and with salt and grain, to compile a **Production lick**. Lick intake will be influenced according to the type, quality and quantity of the available dry pasture, the physiological status, the condition of the animals and the salt content of the drinking water and pasture.

MIXING INSTRUCTIONS (kg)	Maintenance Lick	Production Lick
Voermol Winslek Concentrate	250	500
Maize Meal / Whole Small Grain	–	350
Salt	100	150
Total	350	1 000

COMPOSITION OF LICK MIXTURES (g/kg)			
Crude Protein	(min)	250	203
Urea	(max)	64.3	45
Calcium	(min/max)	7.1/9.3	5/6.6
Phosphorus	(min)	2.6	2.7
% Protein derived from NPN		74.7	66.3

RECOMMENDED INTAKE (g/animal/day)		
Sheep and Goats	100 – 180	250 – 500
Cattle	600 – 800	1500

NB. Voermol Winslek Concentrate should not be fed unmixed.

VOERMOL

FEEDING INSTRUCTIONS

Feed Winslek mixtures in lick troughs to animals grazing dry pasture. The **Maintenance Lick** mixture is especially suitable for dry sheep and goats, as well as ewes during the first three months of pregnancy (i.e. early and mid-pregnancy) as long as there is adequate dry pasture available. Beef cattle on abundant dry pasture will benefit significantly from the **Maintenance Lick** mixture due to the intake of a moderate amount of bypass protein, which improves production and reproduction.

The **Production Lick** mixture should be fed to dry sheep and goats as well as ewes during the first three months of pregnancy on dry pasture if their condition is not as desired or if they start losing mass when the quality and/or quantity of dry pasture starts decreasing. The **Production Lick** mixture is highly suitable to prevent mass loss after calving or to improve the growing out of replacement ewes and replacement heifers. The **Production Lick** mixture can also be used as a flush lick for both ewes and cows on dry pasture. The **Production Lick** mixture can also serve as a protein and energy supplement to hay, when there is insufficient pasture available.

ALTERNATIVE USES

On **good quality, abundant dry pasture** with a moderate protein content (more than 9 % protein) such as Karoo Shrubs and mixed Karoo veld the **Winslek Production Lick mixture** can be fed to **late pregnant ewes with single foetuses** and **ewes rearing singles.** However, animals falling in this category, that are grazing dry pastures containing less than 9 % protein (i.e. dry natural grass veld and grain stubble), should be fed one of **Voermol's Maxiwol licks.**

On **good quality, abundant dry pasture** with a protein content of more than 9 % the **Winslek Production Lick mixture** can be fed to **late pregnant ewes with twin foetuses from eight to four weeks prior to lambing.** However, **from four weeks prior to lambing** to eight weeks post lambing, the **Winslek Production Lick mixture** should be altered by adding additional bypass protein (i.e. 250 kg **Winslek Concentrate** + 400 kg maize meal or whole small grain + 250 kg **Voermol Procon 33** + 100 kg salt) or one of **Voermol's Maxiwol** licks should be fed to these animals over this period. From **eight weeks post lambing** the original **Winslek Production Lick mixture** can again be fed to ewes rearing twins, as long as there is still **good quality, abundant dry pasture** available.

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