

Keep your animals in top condition this winter

Eze-Graze is a digestive modifier that supports the rumen microbes (protozoa, bacteria and fungi), to optimise and enhance the digestive process. It is a cost-efficient way to keep ruminants' rumen microbes healthy this winter for optimal digestion of natural pasture.

Ingredients

The product contains four highly effective active ingredients that complements each other synergistically, namely:

- Polyethylene glycol (PEG) which binds the tannins and releases the proteins that have already connected with tannins.
- Polyvinylpyrrolidone (PVP) binds together with the calcium hydroxide to the tannin molecules to prevent a toxic effect on the liver.
- Calcium hydroxide, together with PVP, prevents the tannins from binding to pepsin (protein-digesting enzyme).
- Molasses that serves as an energy source for the rumen microbes.

Recommendations and function

Why is it recommended that Eze-Graze be used routinely during the dry season? During autumn and winter, rainfall declines and stops in the summer rainfall regions, the ambient temperatures declines, and it becomes cold and frosty in many areas.

There are also physiological changes that takes place in the plants. In grass for example, nutrients move to the roots and the low digestible fibre and indigestible lignin fraction increases, which lowers digestibility. In shrubs and trees, terpenes and tannin content of the leaves increases as a protective mechanism when animals browse the leaves, which is especially a problem in smaller camps and on smaller farms.

It is important to remember that ruminants like cattle does not excrete enzymes in the rumen. The digestion of grass is dependable on the workings of the rumen microbes. As the microbes digest the grass, they utilize the nutrients which is released, to divide and to multiply.



Due to a lower protein content in the grass, as well as the presence of tannins and terpenes in shrubs and trees, there is less protein available to the rumen microbes which affects and delays digestion negatively. The result is that the activity of the microbes decreases.

By supporting the microbes, the digestive process is improved which helps the microbes to divide and multiply at a faster pace. The digestion of the dry winter grass and leaves can now be improved, and the passage through the rumen and the intestinal tract can be increased and the animal will therefore eat more.

The microbes themselves are an excellent source of proteins in the form of microbial protein for the animal. When the microbes, together with the fine indigestible grass, flows through the abomasum, they are digested by the animal's own stomach acid and digestive enzymes which is secreted by the abomasum and small intestine.

A healthy microbe population in the rumen ensures a healthy source of proteins (digested microbes) for the animal's use.

Instructions

WHEN SHOULD EZE-GRAZE BE USED?

It is advisable to start the use of Eze-Graze early in the winter season before the microbe population is negatively affected by the poorer quality pasture or tannins present in the leaves. It is usually recommended to start supplementing Eze-Graze at the same time as the winter lick. Eze-Graze can be used until the pasture improves after the first rain. Eze-Graze can be used for both browsers and grazers.

HOW DO I KNOW THE PRODUCT WORKS?

When you use the product, you will notice the following signs in your animals:

- Improved appetite
- Better utilization of poor pasture, shrubs,

and leaves

- Better condition and manure with a soft consistency

HOW DO I GIVE EZE-GRAZE TO MY ANIMALS?

Eze-Graze can be given in water, feed, or licks at a rate of 1 – 4g per animal per day. One of the easiest methods is to mix it with your winter lick. For wildlife that do not receive a lick, the product can be given through the water. It must be given daily, so that the microbes are supported every day.

A healthy microbe population ensures that your animals are healthy throughout the winter season. Eze-Graze does not replace a winter lick but complements the licks that are given.

A healthy microbe population ensures that your animals are healthy and happy during the winter season. Eze-Graze does not replace a winter lick, but complements the lick that is given.

☆ Dr Nico du Preez



**Eze-Graze –
where every
gram makes
a difference.**



Registration Holder: Kyron Animal Health (Pty) Ltd., Reg. No. 2004/021847/07, Unit 45C, 45 Parkview Street, Highway Business Park, Rooihuiskraal Ext. 31, Centurion, 0157, South Africa, Tel: 0861 247 463.