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FEEDTEK CHOCGRAIN 69 THE MOST VERSATILE FEED CONCENTRATE EVER!



WHAT IS FEEDTEK CHOCGRAIN 69?

Chocgrain 69 is a molasses powder based protein mineral vitamin concentrate with several unique features and associated benefits.

- Most concentrated chocolate grain concentrate on the market – meaning the lowest transport costs per unit of nutrient. No cheap carriers or moisture is transported over long distances
- Molasses powder based – together with hydrated lime, it is not only an excellent adhesive, but also forms a layer on top of loose licks to protect it from wind losses
- Contains hydrated lime – is not only by far the best adhesive, but also have buffering properties
- Contains non protein nitrogen (NPN) sources in the correct ratio to sulphur for optimum utilization of veld and other roughages
- Contains an ionophore and zinc bacitracin – prevents digestive disorders and improves feed conversion
- Contains ammonium salts – prevents the formation of urinary stones in small stock on high concentrate diets
- Contains a full spectrum of vitamins, including vitamins A, D, E, B1 and Niacin. These vitamins play an integral role in fertility and disease resistance
- Packed in 20kg bags for easy handling and mixing of smaller quantities of feed without weighing out bags.

WHAT CAN CHOCGRAIN 69 BE USED FOR?

Due to the unique composition and properties of Chocgrain 69, it has a myriad of uses including:

- Enriched whole grains for energy supplementation
- Flush feeding of small stock before and during mating
- Creep feeds for lambs
- Finishing of both cattle and sheep on veld and in kraals
- Licks for harvested lands
- Homemade lick blocks.



Enriched whole grains (chocolate grain)

Mixing Instructions

Raw Material	Mixture 1	Mixture 2
Whole grain	900 kg	850 kg
Oil cake meal		50 kg
Water	50 kg	50 kg
Chocgrain 69	60 kg	60 kg



Spread grain on a hard surface, wet with water, evenly spread Choc Grain (and oil cake meal) over grain, mix through and leave to dry before bagging it. Enriched whole grains can also be mixed in a feed mixer or mixing wagon. It must be poured out immediately after mixing to dry. Mixers should be washed immediately after mixing.

Feeding instructions

- Use mixture 2 for younger animals which have a greater need for bypass protein
- Feed 200 – 300g/day as an energy supplement for grazing small stock and as flush feeding of ewes before and during the mating season
- For finishing of sheep, adapt animals gradually onto this concentrate by starting on day 1 with 0,5% of live weight and increasing it daily by 0,5% until grain is left over in the troughs. Adequate trough space is very important during this period
- Additional roughage or pasture should be available at all times together with grain for finishing
- Keep feeding troughs filled at all times after adaptation
- It is better to feed more than once a day – the more times per day the better.



Creep feed for lambs

Chocgrain 69 is absolutely ideal for a creep feed since it contains buffers, an ionophore and zinc bacitracin as well as a full range of trace minerals and vitamins. It therefore prevents bloat, acidosis and coccidiosis and leads to strong, healthy lambs.

Mixing Instructions

Raw Material	Creep feed
Milled grain	850 kg
Oil cake meal	100 kg
Chocgrain 69	60 kg



Feeding Instructions

Feed unlimited to lambs from 14 days after the start of the lambing season, using creep feeders and without giving access to the ewes.



Finishing of cattle and sheep

Mixing Instructions

Raw Material	Finishing meal	Complete Finisher	Finishing meal	Complete Finisher
	Sheep	Sheep	Cattle	Cattle
Milled grain	700 kg	500 kg	750 kg	700 kg
Oil cake meal	50 kg	50 kg		
Milled roughage		400 kg		250 kg
Chocgrain 69	60 kg	60 kg	60 kg	60 kg

Feeding Instructions

Finishing meal

- Adapt animals gradually onto this concentrate by starting on day 1 with 0,5% of live weight and increasing it daily by 0,5% until meal is left over in the troughs. Adequate trough space is very important during this period
- Additional roughage or pasture should be available at all times together with the finishing meal
- Keep feeding troughs filled at all times after adaptation
- It is better to feed more than once a day – the more times per day the better.

Complete finishing feeds

- Adapt animals gradually onto these feeds by starting on day 1 with 0,5% of live weight and increasing it daily by 0,5% until feed is left over in the troughs. Adequate trough space is very important during this period
Additional roughage should be available unrestricted during this period
- Roughage must be milled quite fine to avoid selection of concentrate
- Keep feeding troughs filled at all times after adaptation
- It is better to feed more than once a day – the more times per day the better.



Licks for harvested lands

Chocgrain 69 is absolutely ideal for mixing licks for harvested lands since it contains hydrated lime, an ionophore and zinc bacitracin as well as ammonium salts. It therefore prevents acidosis, bloat and urinary stones (in small stock), which are common problems on harvested lands.

Mixing instructions

Raw Material	Cattle	Sheep
Milled grain	400 kg	400 kg
Oil cake meal		100 kg
Salt	250 kg	200 kg
Chocgrain 69	360 kg	300 kg
Intake (g/day)	600 - 900	100 - 150



Feeding instructions

For best intake regulation, these licks should be fed unrestricted. Should actual lick intakes vary dramatically from recommended intakes after a period of 14 days, lick formulations can be adjusted. Contact a Feedtek nutritionist in this regard. Please ensure adequate lick trough space. Sufficient roughage should be available unrestricted at all times.



Licks for growth and finishing of livestock on veld grazing

Mixing instructions

Raw Material	Production lick	Energy lick	Veld growth meal
Milled grain	300 kg	600 kg	800 kg
Oil cake meal	100 kg	50 kg	
Salt	250 kg	150 kg	100 kg
Dicalcium phosphate	50 kg	25 kg	
Chocgrain 69	300 kg	150 kg	120 kg
Intake (g/day) - cattle	600 - 900	1000 - 1500	1500 - 2000
Intake (g/day) - sheep	100 - 150	200 - 300	300 - 400

Feeding Instructions

For best intake regulation, these licks should be fed unrestricted. Should actual lick intakes vary dramatically from recommended intakes after a period of 14 days, lick formulations can be adjusted. Contact a Feedtek nutritionist in this regard. Please ensure adequate lick trough space. Sufficient roughage should be available unrestricted at all times.

Application of licks

Production lick:	For moderate growth of replacement animals and males Also ideal for maintaining condition of lactating animals
Energy lick:	For sufficient growth of replacement animals and males For flush feeding of ewes before and during mating
Veld growth meal:	For finishing of male animals on veld grazing



Homemade Lick Blocks

Mixing instructions

Raw Material	Protein block	Energy block
Milled grain	300 kg	600 kg
Oil cake meal	100 kg	50 kg
Salt	250 kg	150 kg
Dicalcium phosphate	50 kg	25 kg
Chocgrain 69	300 kg	150 kg
Water	100 kg	100 kg
Intake (g/day) - cattle	600 - 900	1000 - 1500
Intake (g/day) - sheep	100 -150	200 - 300



Thoroughly mix all the dry ingredients including the Chocgrain 69 together. Add the water, mix through and compress in halved drums or old lick block buckets. Let it stand for a few days to harden.

Feeding instructions

For best intake regulation, these licks should be fed unrestricted. Should actual lick intakes vary dramatically from recommended intakes after a period of 14 days, lick formulations can be adjusted. Contact a Feedtek nutritionist in this regard. Please ensure adequate lick trough space. Sufficient roughage should be available unrestricted at all times.

In general

- Once Chocgrain 69 comes into contact with moisture, there is an ammonia smell which can be observed due to volatilization of ammonia from the ammonium salts in the presence of lime and moisture. Although the smell can sometimes be quite sharp, loss of ammonia is extremely small. Always mix mixtures where water is to be added in well-ventilated areas

Warnings

- Chocgrain 69 contains an ionophore and may therefore not be fed to horses
- Chocgrain 69 contains non protein nitrogen (NPN) and may therefore not be fed to horses
- Please read the NPN warning on the bag label for important information regarding the correct use / application of products containing NPN.

For further information about this or other Feedtek products, please contact Feedtek at 086 111 5362.
Chocgrain 69 registration number (Act 36/1947): V16147