



HERBIVORES



Grazer

Feed number: 3697

Suitable for: Grazers, as for example buffalo, wildebeest, zebra, camel, white rhinoceros, hippopotamus

YOUR BENEFITS

- ◇ Balanced fiber composition, especially suitable for grazers
- ◇ Without any soybean and palmoil products
- ◇ Little expanding fibers and supplemented with B-vitamins – therefore also well suitable for equids
- ◇ Protein content adapted to the lower needs of grazers
- ◇ Little cereals and thus lower in starch
- ◇ High levels of vitamin E
- ◇ Contains organic selenium, zinc and manganese sources
- ◇ High content of biotin
- ◇ No mineral iron is substituted
- ◇ Linseed products for natural omega-3-fatty acids
- ◇ Contains bicarbonate (1%)
- ◇ With an appropriate ration composition there is no need of additional supplements thanks to adequate vitamin- and mineral supplementation

We are happy to work with you to create an individual feeding recommendation



TYPE OF FEED, FORM, DELIVERY QUANTITY

- ◇ Supplementary feed
- ◇ Form: pellet 8 mm round
pellet 4-5 mm round
- ◇ Delivery quantity: 25 kg paper bag
pallets of 750 kg
- ◇ Product number: 3697.PD.S25 / 3697.PA.S25
- ◇ Storage: dry (<75% humidity), dark (no direct sunlight) and cool (10-25°C). Temperature fluctuations of > 10°C should be avoided. Always remove plastic film around pallets immediately after delivery

Full-scale picture of the feed
Colours may be different from the product



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FEED SPECIFICATIONS

Major nutrients (%)

Dry matter	89
Crude protein	12
Crude fat	3
Crude fiber	25
Crude ash	9.5
NFE	38
NDF	46
ADF	30
Starch	4
Sugar	7

Energy (MJ/kg)

GE	16
ME Horse	6.5
ME Ruminant	8.6

Macrominerals (%)

Calcium	1.0
Phosphorus	0.7
Magnesium	0.3
Sodium	0.6
Potassium	1.5
Chlorine	0.3

Trace elements (mg/kg)

Iron	600
Zinc	223
Copper	32
Iodine	2.2
Manganese	157
Selenium	0.7
Cobalt	1.4

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	14000
Vitamin D3 (IU/KG)	2500
Vitamin E	2000
Vitamin K3	0.9
Vitamin B1	12
Vitamin B2	11
Vitamin B6	8
Vitamin B12	0.05
Nicotinic acid	90
Pantothenic acid	36
Folic acid	1.5
Biotin	7
Choline	160
Vitamin C	17

Amino acids (%)

Arginine	0.63
Lysine	0.55
Methionine	0.20
Methionine + Cystine	0.37
Tryptophan	0.17
Threonine	0.45

Ingredients

Grass meal, lucerne meal, apple pomace, straw meal, oat husks, linseed products, vitamin and mineral premix incl. bicarbonate, cellulose, molasses, sunflower extraction meal, potato protein, corn (NGMO), rapeseed oil

Remarks

- ◇ Given values are calculated averages in air-dry feed.
- ◇ Energy values calculated according to Kamphues et al. 2014; GE=gross energy, ME=metabolisable energy
- ◇ ME Ruminant calculated according to the Hohenheim Gas Test
- ◇ Trace elements: calculated total content. Vitamin declaration: vitamins added before production. Estimated total vitamin content for ration calculations on request.
- ◇ Nutrients are subject to natural variation of the raw materials and their production process.

OUR FEED RECOMMENDATION

- ◇ The feed is suitable for supplementing a diet based on roughage (depending on the species grass hay, lucerne, browse, etc.)
- ◇ Always provide free access to fresh drinking water.
- ◇ Benchmark: 0.5-1.5% of body weight per day in addition to hay ad libitum throughout the day.
- ◇ Maximum 50% of the dry matter from the total ration
- ◇ Not suitable for sheep due to the addition of copper (~ 32 ppm in total).

It is recommended to use the pellet in an enriched feeding management that maximizes the animals' feeding time

Sources:

Kamphues et al. 2014, Supplemente zu Vorlesungen und Übungen in der Tierernährung, 12. Auflage, M.&H. Schaper, Hannover, pp 20-26
Litzenich, B. A., & Ward, A. M. (September 1997). Hay and Pellet Rations: Considerations in Feeding Ungulates. Nutrition Advisory Group Handbook, Fact Sheet 006.