

# **HERBIVORES**



# Browser

Feed number: 3699

Suitable for: Browsers, as for example giraffe,

okapi, roe deer, moose, duiker, and intermediate feeders as deer, goats etc.

## **YOUR BENEFITS**

- Balanced fiber composition, highly suitable for browsers with high contents of fermentable fiber from apple pomace, beet pulp and alfalfa
- Protein content adapted to the needs of browsers with regard to the lower protein content of European lucerne
- ♦ Without any soybean and palmoil products
- ♦ Little cereals and thus lower in starch
- ♦ High levels of vitamin E
- ♦ Contains organic selenium, zinc and manganese sources
- ♦ Copper supplemented for the higher needs of cervids
- ♦ 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



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

# TYPE OF FEED, FORM, DELIVERY QUANTITY

♦ Supplementary feed

♦ Form: pellet 4-5 mm and pellet 8 mm round

♦ Delivery quantity: 25 kg paper bag pallets of 750 kg

♦ Product number: 3699.PA.S25 / 3699.PD.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

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# granövit

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# **FEED SPECIFICATIONS**

#### Major nutrients (%) Dry matter Crude protein 20 Crude fat 3 Crude fiber 20 Crude ash 37 NFF NDF 34 ADF 24 Starch 2.5 Sugar Energy (MJ/kg) 16.5 ME Horse 7.2

# Macrominerals (%) Calcium 1.2 Phosphorus 0.8 Magnesium 0.3 Sodium 0.5 Potassium 1.3 Chlorine 0.3

ME Ruminant

# Trace elements (mg/kg)

500
204
33
2
122
0.7
1.1

# Vitamins (added, mg/kg)

Vitamin A (IU/KG)	12600
Vitamin D3 (IU/KG)	2250
Vitamin E	1800
Vitamin K3	0.8
Vitamin B1	11
Vitamin B2	10
Vitamin B6	7
Vitamin B12	0.04
Nicotinic acid	80
Pantothenic acid	32
Folic acid	1.4
Biotin	7
Choline	150
Vitamin C	15

## Amino acids (%)

Arginine	1.19
Lysine	1.04
Methionine	0.38
Methionine + Cystine	0.70
Tryptophan	0.27
Threonine	0.85

# **Ingredients**

Alfalfa flour, apple pomace, sunflower meal, linseed products, beet pulp, potato protein, cellulose, vitamin and mineral premix including bicarbonate, molasses, corn (NGMO)

### Remarks

- ♦ Given values are calculated averages in air-dry feed.
- Energy content 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**

9.3

- ♦ The feed is suitable for supplementing a diet based on roughage (depending on the species grass hay, lucerne, browse, etc.)
- $\diamond$   $\;$  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 60% of the dry matter from the total ration
- ♦ Not suitable for sheep and other copper sensitive herbivores due to the addition of copper (~ 33ppm in total).
- Unless soaked, this feed is less suitable for equids and animals with a tendency to oesophageal obstruction because of expanding fibers (especially beet pulp).

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 Schweizer Futtermittelbuchverordnung vom 26. Oktober 2011, 916.307.1, Apr. 14