



HERBIVORES



Elephant

Feed number: 3715

Suitable for: Elephants and other hindgut fermenters

YOUR BENEFITS

- ◇ Supplementary feed high in fiber
- ◇ Contains organic selenium, zinc and manganese sources
- ◇ Linseed products for natural omega-3 fatty acids
- ◇ High content of biotin
- ◇ High content of vitamin E and D
- ◇ 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 8 mm round
- ◇ Delivery quantity: 25 kg paper bag
pallets of 750 kg
- ◇ Product number: 3715.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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FEED SPECIFICATIONS

Major nutrients (%)

Dry matter	89
Crude protein	10
Crude fat	3
Crude fiber	22
Crude ash	10
Acid-insoluble ash (AIA)	1.7
NFE	43
NDF	45
ADF	27
Starch	8
Sugar	4

Energy (MJ/kg)

GE	15.5
ME Horse	7.0
ME Ruminant	8.3

Macrominerals (%)

Calcium	1.2
Phosphorus	0.7
Magnesium	0.3
Sodium	0.8
Potassium	1.3
Chlorine	0.4

Trace elements (mg/kg)

Iron	600
Zinc	230
Copper	32
Iodine	2.2
Manganese	158
Selenium	0.8
Cobalt	1.2

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	14900
Vitamin D3 (IU/KG)	3660
Vitamin E	2200
Vitamin K3	0.9
Vitamin B1	13
Vitamin B2	11
Vitamin B6	8
Vitamin B12	0.04
Nicotinic acid	96
Pantothenic acid	39
Folic acid	1.7
Biotin	10
Choline	178
Vitamin C	18

Amino acids (%)

Arginine	0.5
Lysine	0.4
Methionine	0.1
Methionine + Cystine	0.3
Tryptophan	0.2
Threonine	0.3

Ingredients

Straw meal, wheat bran, lucerne meal, oats, linseed products, vitamin and mineral premix including bicarbonate, molasses, corn (NGMO)

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 ration based on roughage (grass, hay, straw, leaves)
- ◇ Always provide free access to fresh drinking water.
- ◇ Benchmark of the daily requirement of pellets: about 0.3-0.7% of body weight
- ◇ Maximum 50% of the dry matter of the ration

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

Sources:

Hatt, J.-M.; Clauss, M. (2006). Feeding Asian and African elephants *Elephas maximus* and *Loxodonta africana* in captivity. International Zoo Yearbook, 40, S. 88-95
Kamphues, J. et al. (2014). Supplemente zu Vorlesungen und Übungen in der Tierernährung, 12. Auflage, M.&H. Schaper, Hannover, pp 20-26
Ullrey, D. E., et al. (September 1997). Elephants: Nutrition and Dietary Husbandry. Nutrition Advisory Group Handbook, Fact Sheet 004