



OTHER ANIMAL SPECIES



Insectivore with insect meal

Feed number: 3761

Suitable for: Giant anteater, tamandua and other insectivores

YOUR BENEFITS

- ◇ Balanced complete feed designed for the needs-covering nutrition of anteaters and other insectivores, covering their requirements
- ◇ Developed in collaboration with the Dortmund Zoo and the University of Zürich
- ◇ High protein content amongst others due to the insect protein meal (25%) for a near-natural nutrition
- ◇ Contains shrimp shells (1.5%) as a natural source of chitin
- ◇ With pre- and probiotics to support the digestion
- ◇ Moderate supplementation
- ◇ Contains taurine (0.23%) and arachidonic acid (0.04%)
- ◇ Contains formic acid (0.1%)
- ◇ Without dairy products or lactose
- ◇ Practical granule, can be easily mixed with water to obtain a homogeneous gruel



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

TYPE OF FEED, FORM, DELIVERY QUANTITY

- ◇ Complete feed
- ◇ Form: granules
- ◇ Delivery quantity: 12.5 kg plastic bags
pallets of 600 kg
- ◇ Product number: 3761.G6.F12
- ◇ 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	92.5
Crude protein	40.0
Crude fat	14.5
Crude fiber	8.7
Crude ash	7.0
NFE	22.3
NDF	14.7
ADF	9.8
Starch	9.0
Sugar	5.5

Energy (MJ/kg)

GE	21.0
DE Dog	16.0
ME Cat	15.8

Macrominerals (%)

Calcium	1.2
Phosphorus	0.8
Magnesium	0.2
Sodium	0.3
Potassium	0.6
Chlorine	0.4

Trace elements (mg/kg)

Iron	450
Zinc	98
Copper	21
Iodine	1.5
Manganese	85
Selenium	0.5
Cobalt	1.5

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	7500
Vitamin D3 (IU/KG)	750
Vitamin E	960
Vitamin K3	17
Vitamin B1	60
Vitamin B2	35
Vitamin B6	30
Vitamin B12	0.2
Nicotinic acid	100
Pantothenic acid	100
Folic acid	5
Biotin	1.1
Choline	680
Vitamin C	410

Amino acids (%)

Arginine	2.17
Lysine	2.44
Methionine	0.93
Methionine + Cystine	1.40
Tryptophan	0.48
Threonine	1.65

Ingredients

Insect protein meal, poultry meat meal, potatoe protein, apple pomace, oat flakes, poultry fat, corn, sugar, corn gluten meal (NGMO), cellulose, soybean oil (NGMO), wheat germs, mineral and trace-element premix, calcium phosphate, shrimp shells, fish oil, prebiotics, salt, minerals, formic acid, E. faecium [E 1708]

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.
- ◇ 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 variations of the raw materials and their production process.

OUR FEED RECOMMENDATION

- ◇ Approximately 400-600g per day for an adult giant anteater; however, there are large variations depending on weight and activity, for tamanduas: 150 - 200 g/day
- ◇ Feeding daily in two to three portions is recommended.
- ◇ The feed should be stirred in water to make it a thick gruel, mixing proposal: Feed (g) : Water (ml) in the ratio 1:2,4 to (1:2-1:3). If accepted, the feed can also be fed dry.
- ◇ By leaving to stand, the gruel thickens after time.
- ◇ To introduce the feed increase the amount of new feed progressively over a period of at least two weeks.
- ◇ Depending on the faeces consistency, sieved turf can be added to the gruel

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

Sources:

National Research Council (2006). Nutrient Requirements of Dogs and Cats, National Academies Press, Washington DC, S. 31
 Kamphues, J. et al. (2014). Supplemente zu Vorlesungen und Übungen in der Tierernährung, 12. Auflage, M.&H. Schaper, Hannover, pp 20-26
 Stahl, M. et al (2011), Energy intake for maintenance in a mammal with a low basal metabolism, the giant anteater (*Myrmecophaga trydactyla*), Journal of Animal Physiology and Nutrition
 Oyarzun, S.E. et al (1996), Nutrition of the Tamandua: I. Nutrient Composition of Termites (*Nasutitermes* spp.) and Stomach Content From Wild Tamanduas (*Tamandua tetradactyla*), Zoo Biology 15:509-524