



PRIMATES



Primates extrudate High Fiber

Feed number: 3497

Suitable for: Primates, mostly frugivore and folivore nutrition, e.g. Orang Utans and Gorillas

YOUR BENEFITS

- ◇ Vegetarian complementary feed, with a high fiber content for a balanced ration, in combination with leafy vegetables, vegetables and browse
- ◇ Low in starch and sugar
- ◇ Supplemented with vitamin C
- ◇ High digestibility and better palatability thanks to the process of extrusion
- ◇ Contains prebiotic ingredients (inulin): 1.6%
- ◇ Contains carob (4%)
- ◇ Taurine supplemented (0.1%)
- ◇ Produced without gluten-containing grains

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



1 cm
extrudate, medium

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

TYPE OF FEED, FORM, DELIVERY QUANTITY

- ◇ Supplementary feed
- ◇ Form: extrudate, medium
- ◇ Delivery quantity: 12.5 kg paper bag
pallets of 375 kg
- ◇ Product number: 3497.EM.S12
- ◇ 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	90
Crude protein	20.5
Crude fat	6.4
Crude fiber	15
Crude ash	9
NFE	39.1
NDF	26
ADF	19
Starch	10
Sugar	5

Energy (MJ/kg)

GE	17.3
ME	11.0

Macrominerals (%)

Calcium	1.3
Phosphorus	0.8
Magnesium	0.3
Sodium	0.4
Potassium	0.8
Chlorine	0.5

Trace elements (mg/kg)

Iron	400
Zinc	157
Copper	32
Iodine	1.8
Manganese	72
Selenium	0.7
Cobalt	0.3

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	30000
Vitamin D3 (IU/KG)	7500
Vitamin E	245
Vitamin K3	13.75
Vitamin B1	23
Vitamin B2	24
Vitamin B6	30
Vitamin B12	0.23
Nicotinic acid	125
Pantothenic acid	92
Folic acid	28
Biotin	0.78
Choline	1680
Vitamin C	1000

Amino acids (%)

Arginine	1.1
Lysine	1.2
Methionine	0.5
Methionine + Cystine	0.82
Tryptophan	0.23
Threonine	0.85

Ingredients

Soybean hulls (NGVO), beet pulp, corn (NGVO), potato protein, linseed cake, apple pomace, corn gluten, soy bean extraction meal (NGVO), cellulose, carob, soybean oil (NGVO), sunflower cake, mineral and vitamin premixes, inulin, amino acids.

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 calculated according to modified Atwater factors (3.5/8.5/3.5).
- ◇ 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

- ◇ Ideal for supplementing the basic diet when feeding with fresh feed
- ◇ Addition of leafy vegetables, vegetables, browse and animal products individually, according to the species
- ◇ Daily feed requirement: depending on the species, approximately 1-3% of body weight (as dry matter) whereof 50% should be provided as pellets.
- ◇ Offer the daily ration divided into two or more meals
- ◇ Always provide free access to fresh drinking water

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

Sources:

Astuti, D.A. et al. (2009). Nutrient Intake and Digestibility of Cynomolgus Monkey (*Macaca fascicularis*) Fed with High Soluble Carbohydrate Diet : A Preliminary Study. HAYATI Journal of Bioscience, p 147-150.
 Kamphues, J. et al. (2014). Supplemente zu Vorlesungen und Übungen in der Tierernährung, 12. Auflage, M.&H. Schaper, Hannover, pp 20-26
 National Research Council (2003). Nutrient Requirements of Nonhuman Primates. Second revised edition, The National Academies Press, Washington D.C., USA
 Popovich, D.G. and Dierenfeld, E.S. (1997). Gorilla Nutrition. In: management of Gorillas in captivity: Husbandry Manual, Gorilla Species Survival Plan. Ogden, J. and Wharton, D., Eds. American Association of Zoos and Aquariums.
 Schmidt, D. (2004). Orangutan Husbandry Manual – Nutrition Chapter, from Nutrition Advisory Group to the Association of Zoos and Aquariums.