



PRIMATES



Primates frugi-faunivorous

Feed number: 3447

Suitable for: Primates, particularly omnivorous species, e.g. macaques, baboons, mandrills, etc.

YOUR BENEFITS

- ◇ A supplementary feed for frugi- insectivorous and omnivorous primates
- ◇ Contains insect meal (6%) and poultry meal (2.5%) as sources of animal protein
- ◇ With carob (4%)
- ◇ Prebiotic ingredients (inulin: 0.2%)
- ◇ Contains taurine (0.01%)
- ◇ Formula without wheat products, suitable for animals sensitive to gluten
- ◇ Without soybean protein
- ◇ Omega-3 fatty acids (0.6%) with an omega-3:6 ratio of 1:4



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: 3447.EM.S12
- ◇ Storage: dry (<75% humidity), dark (no direct sunlight) and cool (10-25°C).
Temperature fluctuations of > 10°C should be avoided. Always re-
move plastic film around pallets immediately after delivery



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FEED SPECIFICATIONS

Major nutrients (%)

Dry matter	90
Crude protein	22.5
Crude fat	7
Crude fiber	10.6
Crude ash	7.5
NFE	42.4
NDF	20.1
ADF	13.5
Starch	23.5
Sugar	4.1

Energy (MJ/kg)

GE	17.7
ME	12.0

Macrominerals (%)

Calcium	1.4
Phosphorus	0.9
Magnesium	0.3
Sodium	0.22
Potassium	0.9
Chlorine	0.4

Trace elements (mg/kg)

Iron	350
Zinc	158
Copper	32
Iodine	0.7
Manganese	62
Selenium	0.6
Cobalt	0.4

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	27000
Vitamin D3 (IU/KG)	6700
Vitamin E	220
Vitamin K3	12
Vitamin B1	21
Vitamin B2	22
Vitamin B6	27
Vitamin B12	0.2
Nicotinic acid	113
Pantothenic acid	83
Folic acid	25
Biotin	0.7
Choline	1160
Vitamin C	900

Amino acids (%)

Arginine	1.3
Lysine	1.1
Methionine	0.5
Methionine + Cystine	0.8
Tryptophan	0.2
Threonine	0.9

Ingredients

Corn (NGMO), sunflower extraction meal, sunflower cake, rice, alfalfa, insect meal, apple pomace, linseed cake, potato protein, corn gluten, carob, poultry protein, soya oil (European, NGMO), minerals, cellulose, linseed, rapeseed oil, inulin, vitamin and trace element premixes, 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 base diet when feeding fresh feed
- ◇ Addition of vegetables and animal products according to the species
- ◇ Daily feed requirement: depending on the species, approximately 1-3% of body weight (as dry matter) whereof 25-50% should be provided as extrudate
- ◇ The amount of feed should be limited within the daily ration; if possible 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.