



PRIMATES



Leaf Eating Primates Extrudate

Feed number: 3492

Suitable for: Primates, mostly folivores
e.g. Lemurs and Colobus monkeys

YOUR BENEFITS

- ◇ Feed rich in fibers and structure to supplement the daily ration for a balanced supply of vitamins and other nutrients
- ◇ Moderate vitamin C and iron content for sensitive species
- ◇ Low starch and sugar content
- ◇ Each production batch is analyzed for its iron content
- ◇ Prebiotic ingredients (0.19%)
- ◇ Without soy protein
- ◇ Available in 2 sizes

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: Extrudate elongated 6x20 mm
Extrudate elongated 37x12x8 mm
- ◇ Delivery quantity: 12.5 kg paper bag
pallets of 375 kg
- ◇ Product number: 3492.ES.S12 / 3492.EX.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	18.5
Crude fat	7
Crude fiber	20
Crude ash	8
NFE	36.5
NDF	34
ADF	23.5
Starch	9.5
Sugar	5

Energy (MJ/kg)

GE	17.6
ME	10.5

Macrominerals (%)

Calcium	1.2
Phosphorus	0.7
Magnesium	0.4
Sodium	0.3
Potassium	1.3
Chlorine	0.6

Trace elements (mg/kg)

Iron	280
Zinc	125
Copper	32
Iodine	1.7
Manganese	90
Selenium	0.7
Cobalt	0.4

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	30000
Vitamin D3 (IU/KG)	7500
Vitamin E	245
Vitamin K3	13
Vitamin B1	23
Vitamin B2	24
Vitamin B6	30
Vitamin B12	0.2
Nicotinic acid	115
Pantothenic acid	92
Folic acid	28
Biotin	0.8
Choline	1000
Vitamin C	440

Amino acids (%)

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

Ingredients

Lucerne, sunflower cake, oat bran, sunflower extraction meal, grape marc, rapeseed extraction meal*, apple pomace, corn, wheat mill by-products, cellulose, potato protein, linseed products, carob, soya oil (NGMO), wheat bran, minerals, rapeseed oil, vitamin and trace element premixes, prebiotics

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.
- ◇ * Erucic acid content in feed <0.1%

OUR FEED RECOMMENDATION

- ◇ This feed is suitable as a complementary feed for folivorous primate species in addition to fresh and or dried leaves and leafy green vegetables.
- ◇ Daily feeding requirement is around 25-50% of dry matter intake. With an estimated dry matter intake of 1-3% of body mass, depending on the species, the amount of extrudate per day per animal could be 0.25-1.5% of body mass. For highly iron-sensitive animals, only use this feed at a maximum of 25% of the ration
- ◇ Don't hesitate to ask us for detailed feeding instructions for your species.
- ◇ Always provide free access to fresh drinking water.

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

Sources:

Edwards, M.S. (1997). Nutrition Advisory Group Handbook. Fact Sheet 007, Leaf-eating Primates: Nutrition and Dietary Husbandry.
Kamphues, J. et al. (2014). Supplemente zu Vorlesungen und Übungen in der Tierernährung, 12. Auflage, M.&H. Schaper, Hannover.
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.