



BIRDS



Ratite zoo maintenance

Feed number: 3910

Suitable for: suitable for herbivorous birds, particularly ostrich, rhea, emu

YOUR BENEFITS

- ◊ Supplementary feed for herbivorous birds for a reliable supply of protein, fibre, minerals, vitamins and trace elements
- ◊ High in fibre to suit the digestive physiology of herbivorous birds
- ◊ Fish oil and linseed products for natural omega-3 fatty acids (0.7%)
- ◊ With phytase (800 FTU/kg) for better phosphorus utilisation
- ◊ 8 mm size for less loss due to sparrows and other wild birds in the enclosure
- ◊ Contains carotenoids (9 mg/kg canthaxanthin)



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
- ◊ Delivery quantity: 25 kg paper bag
pallets of 750 kg
- ◊ Product number: 3910.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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Ostrich maintenance

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FEED SPECIFICATIONS

Major nutrients (%)	Trace elements (mg/kg)	Ingredients	
Dry matter	90	Iron	450
Crude protein	18.5	Zinc	106
Crude fat	4	Copper	23
Crude fiber	16.4	Iodine	1.7
Crude ash	11.3	Manganese	130
NFE	39.8	Selenium	0.6
NDF	31	Cobalt	0.2
ADF	20		
Starch	11		
Sugar	5		
Energy (MJ/kg)	Vitamins (added, mg/kg)		
GE	Vitamin A (IU/KG)	19500	
ME	Vitamin D3 (IU/KG)	4880	
	Vitamin E	108	
	Vitamin K3	7	
	Vitamin B1	7	
	Vitamin B2	16	
	Vitamin B6	8	
	Vitamin B12	0.04	
	Nicotinic acid	87	
	Pantothenic acid	37	
	Folic acid	2.2	
	Biotin	0.4	
	Choline	900	
	Vitamin C	64	
Macrominerals (%)	Amino acids (%)		
Calcium	Arginine	1.10	
Phosphorus	Lysine	1.00	
Magnesium	Methionine	0.55	
Sodium	Methionine + Cystine	0.80	
Potassium	Tryptophan	0.20	
Chlorine	Threonine	0.70	

OUR FEED RECOMMENDATION

- ◊ This feed can be given to animals from 4 to 6 months of age.
- ◊ Recommended ration: Pellets as a supplement to grass, herbs, roughage (grass hay, alfalfa hay, straw) and, depending on availability, vegetables (mainly leafy green vegetables).
- ◊ Feeding guideline: ostriches: 1–1.5 kg per animal per day. Emus and rheas: 300–700g.
- ◊ Always provide fresh water.
- ◊ The feed should make up approx. 35–50% of the dry matter intake.

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

Sources:

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 (1994). *Nutrient Requirements of poultry*, Ninth revised edition, National Academy Press, Sales, J., *Feeding Guidelines for Rattes in Zoos*, Laboratory of Animal Nutrition, Ghen University, Belgium