



## BIRDS



# Ostrich starter first age

Feed number: 3900

Suitable for: Ostriches, emus, rheas and cassowaries

## YOUR BENEFITS

- ◇ Complementary feed for the start and growth phase of ratites
- ◇ High quality protein for the growth period
- ◇ With phytase to improve phosphorus utilization (6-phytase: 750 FTU/kg)
- ◇ Fish oil for natural omega 3 fatty acids



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

## TYPE OF FEED, FORM, DELIVERY QUANTITY

- ◇ Supplementary feed
- ◇ Form: pellet 4-5 mm
- ◇ Delivery quantity: 25 kg paper bag  
pallets of 750 kg
- ◇ Product number: 3900.PA.S25
- ◇ 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	89
Crude protein	18
Crude fat	4
Crude fiber	9
Crude ash	7
NFE	51
NDF	23
ADF	12
Starch	29
Sugar	3

### Energy (MJ/kg)

GE	16.6
ME	9.4

### Macrominerals (%)

Calcium	1.2
Phosphorus	0.8
Magnesium	0.2
Sodium	0.2
Potassium	1
Chlorine	0.5

### Trace elements (mg/kg)

Iron	350
Zinc	94
Copper	19
Iodine	1.5
Manganese	120
Selenium	0.4
Cobalt	0.1

### Vitamins (added, mg/kg)

Vitamin A (IU/KG)	9500
Vitamin D3 (IU/KG)	3000
Vitamin E	120
Vitamin K3	4
Vitamin B1	4
Vitamin B2	13
Vitamin B6	7
Vitamin B12	0.04
Nicotinic acid	87
Pantothenic acid	38
Folic acid	2
Biotin	0.3
Choline	1650
Vitamin C	38
Betacarotin	52

### Amino acids (%)

Arginine	1.00
Lysine	1.00
Methionine	0.60
Methionine + Cystine	0.94
Tryptophan	0.22
Threonine	0.66

### Ingredients

Wheat, wheat bran, oat, lucerne, oats, corn (NGMO), sunflower cake, soybean meal (NGMO), corn gluten (NGMO), potato protein, straw meal, mineral and vitamin premixes, fish oil, soybean oil (NGMO), binder, amino acids, propionic and formic acid

### 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 variation of the raw materials and their production process.

## OUR FEED RECOMMENDATION

- ◇ This feed is offered to the animals from the first day of life and should be 60-100% of the entire ration
- ◇ In the first phase you may offer the feed ground-up or soaked
- ◇ Switch to the maintenance feed after 4-6 months
- ◇ 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:

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