



Insectivores: Bird breeding granules

Feed number: 3763

Suitable for: Insectivorous and omnivorous birds and reptiles

YOUR BENEFITS

- ◇ Complementary food for insectivorous and omnivorous birds and reptiles
- ◇ For birds during laying phase this feed can be offered as complete feed
- ◇ High proportion of insect protein flour (25%)
- ◇ Shrimp shell flour as a natural source of chitin (3%)
- ◇ Fishmeal (7%) and linseed products (6%) as a natural source of omega-3 fatty acids
- ◇ With different carotenoids
- ◇ Wide calcium-phosphorus ratio (3:1) and thus suitable on the one hand for the laying phase, on the other hand to compensate for calcium-poor ration components (e.B unsupplemented insects, minced meat)
- ◇ With phytase for better phosphorus utilization (750 FTU/kg)
- ◇ With a ration content of at least 50% of the dry matter, the feed ideally complements minerals, trace elements and vitamins, so that no further supplements should be necessary.
- ◇ Practical granulate form for dry or wet feeding depending on the animal species and acceptance

TYPE OF FEED, FORM, DELIVERY QUANTITY



Colours may be different from the product

- ◇ Complementary feed
- ◇ Form: granules
- ◇ Delivery quantity: 12.5 kg plasticbag
pallets of 600 kg
- ◇ Product number: 3763.G6.F12



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FEED SPECIFICATIONS

Major nutrients (%)

| | |
|---------------|------|
| Dry matter | 91 |
| Crude protein | 31 |
| Crude fat | 9.3 |
| Crude fiber | 9.0 |
| Crude ash | 12.4 |
| NFE | 29.3 |
| NDF | 18.7 |
| ADF | 9.7 |
| Starch | 16 |
| Sugar | 2.4 |

Energy (MJ/kg)

| | |
|----|------|
| GE | 18.1 |
| ME | 11.7 |

Macrominerals (%)

| | |
|------------|------|
| Calcium | 2.9 |
| Phosphorus | 0.9 |
| Magnesium | 0.3 |
| Sodium | 0.35 |
| Potassium | 0.85 |
| Chlorine | 0.6 |

Trace elements (mg/kg)

| | |
|-----------|-----|
| Iron | 350 |
| Zinc | 96 |
| Copper | 18 |
| Iodine | 1.8 |
| Manganese | 105 |
| Selenium | 0.4 |
| Cobalt | 1.5 |

Vitamins (added, mg/kg)

| | |
|--------------------|--------|
| Vitamin A (IU/KG) | 10'000 |
| Vitamin D3 (IU/KG) | 3'000 |
| Vitamin E | 600 |
| Vitamin K3 | 12 |
| Vitamin B1 | 38 |
| Vitamin B2 | 27 |
| Vitamin B6 | 22 |
| Vitamin B12 | 0.14 |
| Nicotinic acid | 110 |
| Pantothenic acid | 80 |
| Folic acid | 4 |
| Biotin | 0.7 |
| Choline | 1'800 |
| Vitamin C | 400 |

Amino acids (%)

| | |
|----------------------|------|
| Arginine | 1.6 |
| Lysine | 1.6 |
| Methionine | 1.08 |
| Methionine + Cystine | 1.5 |
| Tryptophan | 0.4 |
| Threonine | 1.5 |

Ingredients

Insect protein meal, fish meal, sunflower cake, corn, wheat, barley, rapeseed meal, wheat bran, linseed cake, calcium carbonate, apple pomace, shrimp shell meal, fish oil, mineral, trace element and vitamin premix, amino acids, carotenoids, natural antioxidants

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

- ◇ For an optimal ration composition, the granules should make up about 50% of the ration (based on dry matter)
- ◇ Depending on the species, to be combined with live or dead insects, meat, fruits, etc.
- ◇ During the laying phase, birds must either be provided with additional lime grit or the granules must be used as complete feed
- ◇ Depending on the acceptance, the granules can be offered dry or mixed with water to a porridge or mixed with other ration components.
- ◇ The food is not suitable for iron-sensitive animal species
- ◇ Always provide fresh water

Sources:

Kamphues et al. (eds), Supplemente zur Tierernährung für Studium und Praxis, 12. Auflage, 2014, M&H, Schaper, Hannover, pp 20-26, pp 20-26
 National Research Council (1994), Nutrient Requirements of poultry, Ninth revised edition, National Academy Press
 Bernard J. B. et al. (1997) - Feeding captive insectivorous animals: Nutritional aspects of insects as foods, Nutrition Advisory Group Handbook, Factsheet 003
 MSD Veterinary Manual (2020) - Nutrition in Reptiles - Management and Nutrition - Recommended Nutrient Concentrations for Reptiles; © 2020 Merck Sharp & Dohme Corp., a subsidiary of Merck & Co., Inc., Kenilworth, NJ, USA