

NutraZu® Ramphastid Hand Feeding Formula



(Visit www.nutrazu.com to find a distributor in the UK and EU)
Formula Code 5M3H | Catalog # 1817384-109

Description

NutraZu® Ramphastid Hand Feeding Formula is a complete diet designed to promote optimal growth and development for Ramphastidae species (toucans and toucanets) from the day of hatch through weaning. Contains higher calcium, phosphorous and vitamin D as compared to NutraZu® Hand Feeding Formula.

Product Form & Packaging

Powder | 2 kg canister



Guaranteed Analysis

| | | | |
|-----------------------------------|-------|---------------------------------|-------|
| Crude Protein not less than | 25.0% | Crude Fiber not more than | 2.5% |
| Crude fat not less than | 9.0% | Moisture not more than | 12.0% |

Ingredients

Dehulled Soybean Meal, Wheat Red Dog, Corn Starch, Soy Protein Concentrate, Soybean Oil, Sucrose, Dicalcium Phosphate, Brewers Dried Yeast, Calcium Carbonate, Lecithin, Salt, DL-Methionine, Tagetes (Aztec Marigold) Extract (Color), Choline Chloride, Dried Lactobacillus acidophilus Fermentation Product, Dried Lactobacillus casei Fermentation Product, Dried Bifidobacterium thermophilum Fermentation Product, Dried Enterococcus faecium Fermentation Product, L-Ascorbyl-2-Polyphosphate (Vitamin C), Zinc Sulfate, Manganese Sulfate, Ferrous Sulfate, Nicotinic Acid, D-Alpha Tocopheryl Acetate (Vitamin E), Calcium Iodate, Preserved with Mixed Tocopherols, Canthaxanthin (color), Calcium Pantothenate, Citric Acid (a Preservative), Copper Sulfate, Riboflavin Supplement, Thiamine Mononitrate, Pyridoxine Hydrochloride, Menadione Sodium Bisulfite Complex (Vitamin K), Folic Acid, Vitamin A Acetate, Beta Carotene, Biotin, Rosemary Extract, Sodium Selenite, Cholecalciferol (Vitamin D3), Vitamin B12 Supplement

Feeding Directions

Never feed dry powder without first combining with water. Use good sanitation practices and good quality water.

- To ensure complete hydration of the product, mix with cold water then add hot water.
 - Under- and over-heating can cause impaired gastric motility and crop burns, respectively.
- Water:formula ratio may vary due to species. Measuring of powder by weight is recommended; Suggested mixing ratios include:
 - In the first weeks post-hatch, 80% water:20% formula (by weight).
 - As the bird grows, 70% water:30% formula (by weight).
- Mix thoroughly with a fork or whisk until fully mixed.
 - The product will turn pink upon mixing, which is normal and provides important pigments to the birds and ensures that mixing is adequate. Some pigments may not be fully absorbed, and pink feces may be observed.
- Refrigerate until feeding time, within 6 hours of mixing. Reheating is not advised
- Feed until the crop is full using the appropriate hand-feeding syringe. Do not overfeed.
 - Most chicks will consume 10% or more of their body weight per feeding, but daily monitoring of weights is the most accurate way to ensure proper growth and feeding rates.
 - Several weeks before weaning, provide chicks with the food items that it will be consuming, such as high-quality extruded diet (e.g., NutraZu® Softbill Diet for Iron sensitive Birds), plus 10-20% (by weight) fruits, veggies, and other food items.

NutraZu® Ramphastid Hand Feeding Formula

Approximate Nutrient Composition¹

PROTEIN

| | |
|-------------------------|--------------|
| Crude protein, % | 25.00 |
| Arginine, % | 1.81 |
| Cystine, % | 0.54 |
| Glycine, % | 1.14 |
| Histidine, % | 0.64 |
| Isoleucine, % | 1.40 |
| Leucine, % | 2.11 |
| Lysine, % | 1.65 |
| Methionine, % | 0.69 |
| Phenylalanine, % | 1.36 |
| Taurine, % | 0.00 |
| Threonine, % | 1.10 |
| Tryptophan, % | 0.37 |
| Tyrosine, % | 0.89 |
| Valine, % | 1.38 |

FAT

| | |
|-------------------------------------|-------------|
| Crude fat (ether extract), % | 9.00 |
| Linoleic acid, % | 4.68 |
| Linolenic acid, % | 0.67 |
| Omega-3 fatty acids, % | 0.67 |
| Omega-6 fatty acids, % | 4.64 |

CARBOHYDRATES

| | |
|----------------------------|-------------|
| Crude fiber, % | 2.50 |
| Neutral detergent fiber, % | 3.40 |
| Acid detergent fiber, % | 2.40 |
| Dietary starch, % | 42.55 |

| | |
|----------------------|--------------|
| Ash, % | 6.40 |
| Dry matter, % | 88.00 |

MACRO MINERALS

| | |
|---------------------------|------|
| Calcium, % | 1.70 |
| Chloride, % | 0.34 |
| Magnesium, % | 0.14 |
| Phosphorus, % | 0.95 |
| Phosphorus (available), % | 0.70 |
| Potassium, % | 0.94 |
| Sodium, % | 0.19 |
| Sulfur, % | 0.41 |

MICRO MINERALS

| | |
|-----------------------|-------|
| Cobalt, ppm | 0.26 |
| Copper, ppm | 15.92 |
| Iodine, ppm | 0.67 |
| Iron, ppm | 127 |
| Manganese, ppm | 82.72 |
| Selenium (total), ppm | 0.32 |
| Zinc, ppm | 70.24 |

VITAMINS

| | |
|---------------------------------|--------|
| Ascorbic acid, ppm | 252 |
| Biotin, ppm | 0.66 |
| Choline, ppm | 991 |
| Folic acid, ppm | 3.61 |
| Niacin, ppm | 78.61 |
| Pantothenic acid, ppm | 21.09 |
| Pyridoxine, ppm | 8.60 |
| Riboflavin, ppm | 10.56 |
| Thiamin, ppm | 11.97 |
| Vitamin B ₁₂ , µg/kg | 13.26 |
| Vitamin A, IU/kg | 7,148 |
| Vitamin D ₃ , IU/kg | 2,700 |
| Vitamin E, IU/kg | 103.32 |
| Vitamin K, ppm | 3.33 |
| Beta-carotene, ppm | 1.02 |

Storage Conditions

For best results, reseal the bag between uses or store contents of open sack in container with sealing lid. Store in a cool (75°F/24°C or colder), dry (approximately 50% RH) location free from rodents and insects. Do not offer moldy or insect-infested feed to animals as it may result in illness, performance loss or death. Freezing will not harm the diet and may extend freshness. Use within 1 year of bag manufacturing or "Best if Used By" date.

¹ Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analyses will vary accordingly.

NutraZu® is a registered trademark of PMI Nutrition International, LLC.