

Advanced Protocol® Fresh Water Turtle

5LP4*

DESCRIPTION

Advanced Protocol® Fresh Water Turtle Diet is designed for all life stages of fresh water turtles, such as Painted and Red-eared Turtles. This diet is formulated using the unique and innovative concept of Constant Nutrition®, paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- Natural vitamin E
- Complete life cycle diet
- Floating diet enhances natural feeding behavior
- Nutritionally complete, no vitamin or mineral supplements required
- High level of fish and animal protein meets the needs of carnivorous species

Product Forms Available

- Extruded particle, 5 mm x 5 mm (3/16"x3/16")

GUARANTEED ANALYSIS

| | |
|-----------------------------|------------|
| Crude protein not less than | 40.0% |
| Crude fat not less than | 10.0% |
| Crude fiber not more than | 5.0% |
| Ash not more than | 9.0% |
| Vitamin E not less than | .160 IU/lb |

INGREDIENTS

Ground corn, fish meal, poultry by-product meal, dehulled soybean meal, corn gluten meal, fish oil, porcine meat meal, brewers dried yeast, salt, pyridoxine hydrochloride, choline chloride, magnesium oxide, d-alpha tocopheryl acetate, biotin, l-ascorbyl-2-polyphosphate, calcium pantothenate, folic acid, riboflavin, thiamin mononitrate, vitamin A acetate, DL-methionine, nicotinic acid, cholecalciferol, ethoxyquin (a preservative), menadione dimethylpyrimidinol bisulfite (vitamin K), vitamin B₁₂ supplement, zinc oxide, manganous oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, calcium carbonate, cobalt carbonate.

FEEDING DIRECTIONS

Advanced Protocol® Fresh Water Turtle Diet should be fed to juvenile or adult carnivorous turtles one time per day, three to five times per week. For best results, feed only the amount of diet that the turtles will consume in one day. The diet should be scattered on the water, where it will float. Feed only as much as your turtle will readily consume. The turtles will eat the floating diet for 15 to 20 minutes, and then they will bask for a period of time. Do not overfeed as excess feed will decompose resulting in poor water quality. The turtles will return later in the day and eat the remaining diet from the bottom.

The actual amount of diet the turtles will eat varies with temperature.

CHEMICAL COMPOSITION¹

| | |
|---|-------------|
| Nutrients² | |
| Protein, % | 40.5 |
| Arginine, % | 2.38 |
| Cystine, % | 0.56 |
| Glycine, % | 2.22 |
| Histidine, % | 0.86 |
| Isoleucine, % | 1.69 |
| Leucine, % | 3.47 |
| Lysine, % | 2.45 |
| Methionine, % | 0.94 |
| Phenylalanine, % | 1.77 |
| Tyrosine, % | 1.19 |
| Threonine, % | 1.55 |
| Tryptophan, % | 0.40 |
| Valine, % | 2.03 |
| Serine, % | 2.03 |
| Aspartic Acid, % | 3.97 |
| Glutamic Acid, % | 6.78 |
| Alanine, % | 2.82 |
| Proline, % | 2.92 |
| Taurine, % | 0.12 |
| Fat (ether extract), % | 10.0 |
| Fat (acid hydrolysis), % | 11.3 |
| Cholesterol, ppm | 740 |
| Linoleic Acid, % | 1.18 |
| Linolenic Acid, % | 0.12 |
| Arachidonic Acid, % | 0.11 |
| Omega-3 Fatty Acids, % | 1.50 |
| Total Saturated Fatty Acids, % | 3.74 |
| Total Monounsaturated Fatty Acids, % | 2.71 |
| Fiber (Crude), % | 1.8 |
| Neutral Detergent Fiber ³ , % | 5.8 |
| Acid Detergent Fiber ⁴ , % | 2.8 |
| Nitrogen-Free Extract (by difference), % | 27.8 |
| Starch, % | 28.9 |
| Glucose, % | 0.17 |
| Fructose, % | 0.17 |
| Sucrose, % | 0.71 |
| Lactose, % | 0.00 |
| Total Digestible Nutrients, % | 81.0 |
| Gross Energy, kcal/gm | 4.46 |
| Physiological Fuel Value⁵, kcal/gm | 3.63 |
| Metabolizable Energy, kcal/gm | 2.84 |
| Minerals | |
| Ash, % | 9.9 |
| Calcium, % | 2.00 |
| Phosphorus, % | 1.33 |
| Phosphorus (non-phytate), % | 1.16 |
| Potassium, % | 0.75 |
| Magnesium, % | 0.22 |
| Sulfur, % | 0.33 |
| Sodium, % | 0.45 |
| Chlorine, % | 0.70 |
| Fluorine, ppm | 46 |
| Iron, ppm | 475 |
| Zinc, ppm | 190 |
| Manganese, ppm | 99 |
| Copper, ppm | 21 |
| Cobalt, ppm | 0.85 |
| Iodine, ppm | 2.2 |
| Chromium, ppm | 1.0 |
| Selenium, ppm | 0.80 |
| Vitamins | |
| Carotene, ppm | 1.3 |
| Vitamin K (as menadione), ppm | 0.68 |
| Thiamin Hydrochloride, ppm | 35 |
| Riboflavin, ppm | 59 |
| Niacin, ppm | 340 |
| Pantothenic Acid, ppm | 110 |
| Choline Chloride, ppm | 2300 |
| Folic Acid, ppm | 9.7 |
| Pyridoxine, ppm | 34 |
| Biotin, ppm | 0.50 |
| B ₁₂ , mcg/kg | 190 |
| Vitamin A, IU/gm | 20 |
| Vitamin D ₃ (added), IU/gm | 1.4 |
| Vitamin E, IU/kg | 360 |
| Ascorbic Acid, mg/gm | 270 |
| Calories provided by: | |
| Protein, % | 44.604 |
| Fat (ether extract), % | 24.780 |
| Carbohydrates, % | 30.616 |
| *Product Code | |
| 1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly. | |
| 2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations. | |
| 3. NDF = approximately cellulose, hemi-cellulose and lignin. | |
| 4. ADF = approximately cellulose and lignin. | |
| 5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively. | |