

# Nutrazu<sup>®</sup> ZuLiFe<sup>™</sup> Bird Gel

5ME4

(Available at our TestDiet Unit (765)966-1885/testdiet@purinamills.com)

## Description

Nutrazu<sup>®</sup> ZuLiFe<sup>™</sup> Bird Gel is a nutritionally complete, low iron diet designed specifically for adult birds which are predisposed to iron-storage disease.

## Features and Benefits

- Nutritionally complete for adult fruit-eating birds - No supplementation necessary.
- Soft, wet gel - Highly palatable.
- Each batch is analysed for iron content - Allows for proper feeding of iron sensitive species.
- Contains only natural vitamin E - Vitamin E comes from only natural sources.

## Product Form

Nutrazu<sup>®</sup> ZuLiFe<sup>™</sup> Bird Gel comes as a dry powder which is intended to be mixed with hot water as directed below. Upon mixing and refrigeration, the product is cut to the desired size and offered to the birds as a soft, wet gel, which resembles ripe fruit in texture.

## Guaranteed Analysis

Crude protein not less than	20.0%
Crude fat not less than	8.0%
Crude fibre not more than	3.0%
Ash not more than	6.0%

## Ingredients

Wheat flour, wheat germ, casein, corn gluten meal, locust bean gum, carrageenan, dextrose, soybean oil, soy protein isolate, dicalcium phosphate, brewers dried yeast, sucrose, corn oil, calcium carbonate, dried egg product, powdered cellulose, lecithin, safflower oil, calcium propionate (a preservative), salt, pyridoxine hydrochloride, choline chloride, menadione dimethylpyrimidinol bisulfite (vitamin K), biotin, cholecalciferol (vitamin D<sub>3</sub>), dl-alpha tocopheryl acetate (vitamin E), folic acid, zinc sulfate, vitamin A acetate, calcium pantothenate, manganese sulfate, vitamin B<sub>12</sub> supplement, thiamin mononitrate, calcium iodate, nicotinic acid, riboflavin, copper sulfate, cobalt carbonate.

## Mixing Directions

Mix hot water (over 170<sup>o</sup> F) and Nutrazu<sup>®</sup> ZuLiFe<sup>™</sup> Bird Gel at 3:1 (water wt:product wt) with a spoon for 1 minute or until thoroughly mixed. Do not microwave mixed product. Spread on flat sheet and refrigerate overnight. Do not refrigerate for more than 24 hours. If prolonged storage is necessary, store mixed diet in the freezer. Cut into small cubes or strips, whichever the birds prefer.

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## Feeding Directions

Nutrazu® ZuLiFe™ Bird Gel should provide at least 75% of the birds dry matter intake. Other food items offered may include fruit (e.g. papaya, apples, pears, grapes, etc.), vegetables and greens. Avoid feeding bananas because they are high in calories and dry matter content. Avoid food items which may contain high levels of iron (e.g. meat, dog food), limit citrus fruit (oranges, grapefruit) because they may enhance the uptake of Iron. Always provide birds with a source of fresh, clean water.

## Storage Directions

Store unmixed product in an air-tight container at room temperature. Store mixed diet in freezer. Do not feed moldy or insect-infected feed. Provide fresh feed daily, remove any uneaten feed from the previous day.

## Approximate Nutrient Composition

### NUTRIENTS

<b>Protein, %</b> .....	<b>20.7</b>
Arginine, % .....	1.02
Cystine, % .....	0.31
Glycine, % .....	0.59
Histidine, % .....	0.51
Isoleucine, % .....	1.05
Leucine, % .....	1.88
Lysine, % .....	1.18
Methionine, % .....	0.63
Phenylalanine, % .....	1.07
Tyrosine, % .....	0.81
Threonine, % .....	0.82
Tryptophan, % .....	0.27
Valine, % .....	1.14
<b>Fat (ether extract), %</b> .....	<b>8.7</b>
<b>Fat (acid hydrolysis), %</b> .....	<b>9.9</b>
<b>Fibre (Crude), %</b> .....	<b>1.8</b>
Neutral Detergent Fibre, % .....	3.9
Acid Detergent Fibre, % .....	1.5
<b>Metabolisable Energy, kcal/g</b> .....	<b>3.2</b>

### MINERALS

<b>Ash, %</b> .....	<b>4.9</b>
Calcium, % .....	1.24
Phosphorus, % .....	0.84
Phosphorus (non-phytate), % .....	0.64
Potassium, % .....	0.49
Magnesium, % .....	0.08
Sodium, % .....	0.17
Chlorine, % .....	0.32
Sulfur, % .....	0.25
Iron, ppm .....	70*
Zinc, ppm .....	70
Manganese, ppm .....	90
Copper, ppm .....	17
Iodine, ppm .....	0.67
Selenium, ppm .....	0.34
Cobalt, ppm .....	0.21

### VITAMINS

Vitamin K (as menadione), ppm .....	3.0
Thiamin Hydrochloride, ppm .....	9.8
Riboflavin, ppm .....	14
Niacin, ppm .....	120
Pantothenic Acid, ppm .....	17
Choline Chloride, ppm .....	2,000
Folic Acid, ppm .....	4.6
Pyridoxine, ppm .....	12
Biotin, ppm .....	0.80
Vitamin B <sub>12</sub> , mcg/kg .....	65
Vitamin A, IU/gm .....	14
Vitamin D <sub>3</sub> (added), IU/gm .....	2.0
Vitamin E, IU/kg .....	200

Quality Controlled by PMI Nutrition International, a subsidiary of America's oldest and largest animal nutrition company.