



# Nutrazu®

The Ultimate in Exotic Animal Nutrition

## Nutrazu® ZuLiFe™ Soft-Bill Diet

5MI9

### Description

Nutrazu® ZuLiFe™ Soft-Bill Diet is designed for maintenance of adult soft-bills.

### Features and Benefits

- Nutritionally complete for adult fruit-eating birds - No supplementation necessary.
- Extruded Nugget - Highly palatable and has a nine month shelf life.
- Each batch is analysed for iron content - Allows for proper feeding of iron sensitive species.
- Contains natural vitamin E - Vitamin E comes from only natural sources.
- Contains mixed tocopherols - All natural antioxidant.

### Product Form

- Extruded Pellet: 1/4" diameter x 1/4" length. 10 kg. net weight paper sack.

### Guaranteed Analysis

Crude protein not less than .....	20.0%
Crude fat not less than .....	8.0%
Crude fibre not more than .....	5.0%
Ash not more than .....	7.0%

### Ingredients

Wheat flour, wheat germ, corn gluten meal, soybean oil, ground brown rice, dried egg product, sucrose, dicalcium phosphate, sucrose, casein, calcium carbonate, brewers dried yeast, powdered cellulose, L-lysine, salt, calcium propionate (a preservative), DL-methionine, pyridoxine hydrochloride, choline chloride, L-threonine, L-arginine, menadione dimethylpyrimidinol bisulfite (source of vitamin K), biotin, d-alpha tocopheryl acetate (natural source vitamin E), tocopherols (a preservative), canthaxanthin, cholecalciferol (vitamin D<sub>3</sub>), vitamin A acetate, folic acid, manganese sulfate, zinc sulfate, riboflavin, cyanocobalamin (vitamin B<sub>12</sub>), nicotinic acid, thiamin mononitrate, calcium pantothenate, copper sulfate, calcium iodate, sodium selenite.

### Feeding Directions

This diet is appropriate for many bird species and is useful when desiring to control dietary iron. Each batch of Nutrazu® ZuLiFe™ Soft-Bill Diet is analysed for iron and the analysed iron concentration is made available to all customers via the website at [www.nutrazu.com](http://www.nutrazu.com). To switch birds from fruit mixes (or any diet they are currently being fed) to Nutrazu® ZuLiFe™ Soft-Bill Diet, do a gradual change over. Start with 10% Nutrazu® ZuLiFe™ Soft-Bill Diet and 90% of their customary diet. Each day increase the amount of Nutrazu® ZuLiFe™ Soft-Bill Diet by 10% and decrease the amount of the customary diet correspondingly. This diet should be fed at a rate of at least 70% of their daily intake, with the remainder being fruits, vegetables and enrichment items. During the switchover period, as well as for the first week after the switchover, it is critical that birds be observed carefully. Monitor the birds weight and behavior. If the bird loses weight, or

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if the bird is not consuming the product, offer a 50:50 mix of product and the customary diet. After the bird has stabilized and started to consume the product, continue the conversion process.

For critically iron sensitive species (i.e. Toucans and Mynahs), avoid the addition of high iron food items (e.g. meat, dog food) and stick with items which are consistently low in iron (e.g. Papaya, apple, and other high moisture fruits). For other omnivorous species of birds, food items with higher iron concentration may be appropriate, with the minimum 70% of intake as Nutrazu® ZuLiFe™ Soft-Bill Diet serving to reduce the overall dietary iron concentration. Consult your avian veterinarian to determine how iron sensitive your species, or individual bird, may be.

This diet is designed for birds after their first molt. Female birds which are heavy layers (more than 20 eggs per season) should have calcium supplementation in the form of pure, pharmaceutical grade, calcium carbonate at a rate of 2% of their daily intake. Calcium carbonate should be added during the laying season only. The powdered calcium carbonate may be mixed in with the birds fruit mixture.

Always provide a source of fresh, clean water.

**CAUTION:** This product is designed to have a low concentration of dietary iron. No readily available iron source is added as an ingredient to this diet. This product is not intended to be a sole diet for growing birds or birds which are not iron sensitive. Prolonged use of this product could result in an iron deficiency.

## Approximate Nutrient Composition

### NUTRIENTS

<b>Protein, %</b> .....	<b>21.1</b>
Arginine, % .....	1.10
Cystine, % .....	0.39
Glycine, % .....	0.57
Histidine, % .....	0.48
Isoleucine, % .....	0.94
Leucine, % .....	1.50
Lysine, % .....	1.50
Methionine, % .....	0.63
Phenylalanine, % .....	0.99
Tyrosine, % .....	0.62
Threonine, % .....	0.83
Tryptophan, % .....	0.25
Valine, % .....	1.06
<b>Fat, %</b> .....	<b>8.7</b>
<b>Fibre (Crude), %</b> .....	<b>1.8</b>
Neutral Detergent Fibre, % .....	5.0
Acid Detergent Fibre, % .....	1.6
<b>Metabolisable Energy , kcal/gm</b> .....	<b>3.76</b>

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

### MINERALS

<b>Ash, %</b> .....	<b>5.0</b>
Calcium, % .....	1.20
Phosphorus, % .....	0.79
Phosphorus (non-phytate), % .....	0.60
Potassium, % .....	0.40
Magnesium, % .....	0.09
Sodium, % .....	0.17
Chlorine, % .....	0.46
Sulfur, % .....	0.28
Iron, ppm .....	70-125*
Zinc, ppm .....	70
Manganese, ppm .....	85
Copper, ppm .....	17
Iodine, ppm .....	0.85
Cobalt, ppm .....	0.30
Chromium, ppm .....	0.13
Selenium, ppm .....	0.34

### VITAMINS

Vitamin K (as menadione), ppm .....	3.0
Thiamin Hydrochloride, ppm .....	11
Riboflavin, ppm .....	15
Niacin, ppm .....	125
Pantothenic Acid, ppm .....	20
Choline Chloride, ppm .....	2,000
Folic Acid, ppm .....	4.8
Pyridoxine, ppm .....	12
Biotin, ppm .....	0.90
Vitamin B <sub>12</sub> , mcg/kg .....	66
Vitamin A, IU/gm .....	17
Vitamin D <sub>3</sub> (added), IU/gm .....	2.1
Vitamin E, IU/kg .....	300