



BROGAARDEN® ZOO diets



Product specifications

BROGAARDEN®

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With more than 3000 item codes, the list in this Compendium represents some of the most popular products. If you cannot find what you are looking for, please contact us at:

brogaarden@brogaarden.eu

Product list

Products with specification sheets in this compendium Item code

(click on name to view specifications)

Aquatic Gel Diet, Carnivore	30364
Aquatic Gel Diet, Herbivore	33563
Aquatic Gel Diet, Omnivore	33178
Elephant Cubes	35402
Flamingo Complete	30381
Kangaroo & Wallaby diet	30379
Large Bird tablets w/o Vit. A (for penguins and fish eating birds)	35373
Leafeater Primate Diet	36453
Mammal Tablets w/o Vit. A.	35374
New World Primate	30378
Primate Browse Biscuit	30376
Primate Maintenance	32496
Ruminant Cubes	31396
Soft Bill Diet	35367
Tortoise Diet	35368
Zebra Cubes	30361

Other popular products - specifications available on request

B-Plus. Complex vit. B supplement 2.5 liter	38789
Chudleys Chunks, large breed dog diet (large pellets)	31065
Farriers Formula 10 kg	35322
High Fiber Nuts (fibre pellet for horses and zebras)	30668
Marmoset Gum 1 kg	30390
NAF Omega Oil 5 liter	30138
NAF Vitamin E-Plus w/ selenium & lysin 1 kg	30576
Ostrich Diet	32530
Tamerin Cake 3 kg	30389

www.brogaarden.eu/zoo

Who are we

Brogaardens history in feed supplies began more than 130 years with flour production and horse feed from a water mill north of Copenhagen in Denmark. Today, Brogaarden serves the daily menu to animals all over Europe, from horses, dogs, cats and rabbits to exotic animals in private and professional care as well as laboratory animals in universities and pharmaceutical companies.

Our motto “*Animal welfare is our business*” covers feeds and environmental enrichment as well as services by the well educated professionals staffing our nutrition group. Brogaardens nutrition group offers feed planning and nutritional advise to private customers and professionals. The group is staffed with a mix of veterinarians, agronomists and a biochemist ready to help you with your special needs.

Our partners

We work with some of the best manufactorers to ensure product quality of the highest standards.

[Nutrazu®](#) diets are designed to provide state-of-the-art nutrition for exotic animals. Nutrazu works hand in hand with the zoo community to develop the diets, and in turn, share the nutritional information. The products in the Nutrazu line are used by many of the world’s leading zoo’s and Nutrazu is part of the world’s largest zoo diet company, PMI International, LLC.

[Dodson & Horrell Ltd.](#) was founded in 1939 by Claude Horrell. The company has grown to become a respected authority on animal nutrition and is now one of Europe’s leading feed manufacturers. Still a family business to this day the company is still based in Northamptonshire in England and is run by John and Richard Horrell, sons of co-founder Claude Horrell.

The selection of high quality raw materials has always been an important factor in the quality of Dodson & Horrell feeds, with the majority of the raw materials being grown locally and specifically for Dodson & Horrell with all ingredients fully traceable. This together with our policy of using only natural ingredients whenever possible, our medication-free mill and our guarantee that every product is tested for prohibited substances, means that only Dodson & Horrell feeds can be used with confidence in all situations including for horses that are being kept on organic farms.

Dodson & Horrell’s manufacturing sites are approved under UFAS as non-GM status. Dodson & Horrell routinely test raw materials for the presence of GM material and all raw materials are subjected to extensive quality control procedures. Dodson & Horrell produces a number of diets under licence from Nutrazu/PMI and Brogaarden to keep transportation at a minimum.

Dr. vet. Kristina Johansen
Technical director

[e-mail Kristina - click here](#)



Photo: Helga Olga A

NutraZU® Aquatic Carnivore Gel Diet

DESCRIPTION

NutraZU® Aquatic Gel Diet is designed for the feeding of aquarium fish. It is shipped as a powder made from fish products, vitamins and trace minerals which is designed to be made into a gel prior to feeding.

Features and Benefits

- Soft-moist texture of gel - More palatable to fish which are difficult to feed.
- Contains stabilized vitamin C - Longer shelf life.
- Contains all vitamins and trace minerals known to be required by fish - Vitamin supplementation not necessary.
- Contains pigmenting agents - Will help pigment fish.

Product Form

Powder, 1 kg package

Guaranteed Analysis

Protein	62.0%
Fat	16.0%
Fibre	0.7%
Ash	15.5%
Calcium (Ca)	4.40%
Phosphorus (P)	2.20%
Sodium (Na)	1.1%

Ingredients:

Ingredients

Fish meal, gelatin, fish oil, spirulina, spirulina algae meal, poultry liver meal, L-ascorbyl-2-polyphosphate (vitamin C), saccharomyces cerevisiae, xanthan gum, taurine, dl-alpha tocopheryl acetate (source of vitamin E), menadione dimethylpyrimidinol bisulfite (vitamin K) magnesium oxide, biotin, pyridoxine hydrochloride, choline chloride, vitamin A acetate, cholecalciferol (vitamin D3), manganous oxide, calcium pantothenate, calcium carbonate, folic acid, thiamin mononitrate, cyanocobalamin (vitamin B12), nicotinic acid, copper sulfate, riboflavin, zinc oxide, calcium iodate.

Feeding Directions

Mix with an appropriate amount of hot water (over 95°C). Blend with a spoon for one minute and pour into a flat pan to cool. Chill overnight in a refrigerator. Cut the gel by hand or with a food processor to obtain an appropriate size. Feed to fish. The firmness of the gel is affected by the amount of water used. A good starting point is to use a 50:50 ratio by weight of dry diet and water.

APPROXIMATE NUTRIENT COMPOSITION

NUTRIENTS

Protein, %	62	Biotin, ppm	1.2
Arginine, %	5.2	Vitamin B12, mcg/kg	180
Cystine, %	1.0	Vitamin A, IU/gm	16
Isoleucine, %	2.0	Vitamin D3 (added), IU/gm	4
Leucine, %	3.6	Vitamin E, IU/kg	400
Lysine, %	4.9	Ascorbic Acid, ppm	1500
Methionine, %	1.8		
Phenylalanine & tyrosine, %	3.65		
Threonine, %	3.0		
Tryptophan, %	0.6		
Valine, %	2.7		
Fat, %	16		
Fibre (Crude), %	0.66		

MINERALS

Ash, %	16.0
Calcium, %	4.4
Phosphorus, %	2.5
Phosphorus (non-phytate), %	1.9
Potassium, %	0.56
Magnesium, %	0.16
Sodium, %	1.1
Chlorine, %	1.1
Iron, ppm	422
Zinc, ppm	280
Manganese, ppm	102
Copper, ppm	23
Cobalt, ppm	0.5
Iodine, ppm	10.0
Selenium, ppm	1.6

VITAMINS

Vitamin K (as menadione), ppm	10
Thiamin Hydrochloride, ppm	40
Riboflavin, ppm	50
Niacin, ppm	340P
antothenic Acid, ppm	100
Choline Chloride, ppm	2,900
Folic Acid, ppm	20
Pyridoxine, ppm	40

Nutrazu® Herbivore Aquatic Gel Diet

DESCRIPTION

Nutrazu® Herbivore Aquatic Gel Diet 5Z93 is designed for the feeding of herbivore type fish. It contains a generous level of carbohydrate and fiber for plant-eating fish. It is shipped as a powder which is designed to be made into a gel prior to feeding.

Features and Benefits

- Soft-moist texture of gel - More palatable to fish which are difficult to feed.
- Contains stabilized vitamin C - Longer shelf life.
- Contains all vitamins and trace minerals known to be required by fish
- Vitamin supplementation not necessary.
- Contains pigmenting agents - Will help pigment fish.

Product Form

Powder, 1 kg package

Guaranteed Analysis

Crude protein	40.0%
Crude fat	5.0%
Crude fiber	6.5%
Ash	11.0%
Phosphorus	1.5%



Ingredients

Fish meal, ground wheat, Alfalfa meal, gelatin, spirulina, dicalcium phosphate, yeast, L-ascorbyl-2-polyphosphate (source of vitamin C), xanthan gum, taurine, betaine, pyridoxine hydrochloride, choline chloride, menadione dimethylpyrimidinol bisulfite (source of vitamin K), DL-methionine, biotin, L-tryptophan, calcium pantothenate, cholecalciferol (source of vitamin D3), inositol, canthaxanthin, d-alpha tocopheryl acetate (source of natural vitamin E), thiamin mononitrate, nicotinic acid, folic acid, beta carotene, vitamin A acetate, riboflavin, cyanocobalamin (source of vitamin B12), ferrous sulfate, zinc oxide, manganous oxide, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate.

Feeding Directions

Mix with an appropriate amount of hot water (over 95°C). Blend with a spoon for one minute and pour into a flat pan to cool. Chill overnight in a refrigerator. Cut the gel by hand or with a food processor to obtain an appropriate size. Feed to herbivorous type fish. The firmness of the gel is affected by the amount of water used. A good starting point is to use a 50:50 ratio by weight of dry diet and water.

Storage Directions

The dry powder is shelf-stable for at least six months. Once this product is mixed with water to form a gel, it should be handled like raw fish. It can be kept in the refrigerator for up to three days, if kept clean and sealed (wrapped) as well as possible. Similarly, it may be frozen like raw fish. This is the most common method used. If stored in air-tight containers, it will last at least six months in the freezer. We recommend making batches that will last about a month, due to repeated entry into the container allowing the frozen gel to be exposed to oxygen.

APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	40.0
Arginine, %	2.77
Cystine, %	0.58
Isoleucine, %	0.9
Leucine, %	1.9
Lysine, %	2.2
Methionine, %	1.0
Phenylalanine & tyrosine %	2.2
Threonine, %	1.5
Tryptophan, %	0.5
Valine, %	2.0
Fat (acid hydrolysis), %	5.0
Linoleic Acid, %	1.7
Omega-3 Fatty Acids, %	0.8
Fiber (Crude), %	6.5
Neutral Detergent Fiber, %	9.0
Acid Detergent Fiber, %	5.9

Minerals

Ash, %	11.0
Calcium, %	2.52
Phosphorus, %	1.50
Phosphorus (non-phytate), %	1.3
Potassium, %	0.8
Magnesium, %	0.14
Sodium, %	0.80
Chlorine, %	0.80
Iron, ppm	400
Zinc, ppm	240
Manganese, ppm	110
Copper, ppm	20
Cobalt, ppm	1.0
Iodine, ppm	2.0
Selenium, ppm	0.5

Vitamins

Vitamin K (as menadione), ppm	10
Thiamin Hydrochloride, ppm	40
Riboflavin, ppm	50
Niacin, ppm	310
Pantothenic Acid, ppm	110
Choline Chloride, ppm	2,200
Folic Acid, ppm	20
Pyridoxine, ppm	40
Biotin, ppm	1.2
Vitamin B12, mcg/kg	90
Vitamin A, IU/gm	16
Vitamin D3 (added), IU/gm	4.0
Vitamin E, IU/kg	400
Ascorbic Acid, ppm	1,500

Nutrazu® Omnivore Aquatic Gel Diet

DESCRIPTION

Nutrazu® Omnivore Aquatic Gel Diet 5Z94 is designed for the feeding of omnivorous type fish. It contains moderate levels of protein and carbohydrates for omnivorous fish. It is shipped as a powder which is designed to be made into a gel prior to feeding.

Features and Benefits

- Soft-moist texture of gel - More palatable to fish which are difficult to feed.
- Contains stabilized vitamin C - Longer shelf life.
- Contains all vitamins and trace minerals known to be required by fish
- Vitamin supplementation not necessary.
- Contains pigmenting agents - Will help pigment fish.

Product Form

Powder, 1 kg package

Analysis

Protein:	50.0 %
Oil:	12.0 %
Fibre:	1.7 %
Ash	12.0 %

Ingredients

Fish meal, ground wheat, gelatin, fish oil, spirulina algae, alfalfa meal, potassium chloride, soya oil, yeast, L-ascorbyl-2-polyphosphate (source of vitamin C), xanthan gum, betaine, taurine, pyridoxine hydrochloride, choline chloride, menadione dimethylpyrimidinol bisulfite (source of vitamin K), biotin, calcium pantothenate, inositol, cholecalciferol (source of vitamin D3), thiamin mononitrate, d-alpha tocopheryl acetate (source of natural vitamin E), nicotinic acid, folic acid, vitamin A acetate, riboflavin, cyanocobalamin (source of vitamin B12), zinc oxide, ferrous sulfate, manganous oxide, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate.

Feeding Directions

Mix with an appropriate amount of hot water (over 95°C). Blend with a spoon for one minute and pour into a flat pan to cool. Chill overnight in a refrigerator. Cut the gel by hand or with a food processor to obtain an appropriate size. Feed to herbivorous type fish. The firmness of the gel is affected by the amount of water used. A good starting point is to use a 50:50 ratio by weight of dry diet and water.

Storage Directions

The dry powder is shelf-stable for at least six months. Once this product is mixed with water to form a gel, it should be handled like raw fish. It can be kept in the refrigerator for up to three days, if kept clean and sealed (wrapped) as well as possible. Similarly, it may be frozen like raw fish. This is the most common method used. If stored in air-tight containers, it will last at least six months in the freezer. We recommend making batches that will last about a month, due to repeated entry into the container allowing the frozen gel to be exposed to oxygen.

APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	50.0
Arginine, %	3.63
Cystine, %	0.7
Isoleucine, %	1.75
Leucine, %	2.50
Lysine, %	3.25
Methionine, %	1.3
Phenylalanine & tyrosine %	2.75
Threonine, %	2.2
Tryptophan, %	0.5
Valine, %	2.0
Fat (acid hydrolysis), %	12.0
Linoleic Acid, %	2.8
Omega-3 Fatty Acids, %	2.3
Fiber (Crude), %	1.7
Neutral Detergent Fiber, %	2.5
Acid Detergent Fiber, %	1.3

Minerals

Ash, %	12.2
Calcium, %	3.0
Phosphorus, %	1.7
Phosphorus (non-phytate), %	1.4
Potassium, %	0.82
Magnesium, %	0.13
Sodium, %	1.0
Chlorine, %	1.4
Iron, ppm	400
Zinc, ppm	240
Manganese, ppm	100
Copper, ppm	20
Cobalt, ppm	1
Iodine, ppm	10.0
Chromium, ppm	1.6
Selenium, ppm	1.2

Vitamins

Vitamin K (as menadione), ppm	10
Thiamin Hydrochloride, ppm	40
Riboflavin, ppm	50
Niacin, ppm	300
Pantothenic Acid, ppm	100
Choline Chloride, ppm	2,300
Folic Acid, ppm	20
Pyridoxine, ppm	40
Biotin, ppm	1.2
Vitamin B12, mcg/kg	150
Vitamin A, IU/gm	16
Vitamin D3 (added), IU/gm	4
Vitamin E, IU/kg	400
Ascorbic Acid, ppm	1,500

D&H Elephant Cubes

DESCRIPTION

Complementary feedingstuff for Elephants in captivity in parks or zoos.

Presentation: 7mm pellet packed in 20kg bags with a 4 month shelf life when stored in a cool dry place

Features and Benefits of Elephant Cubes

- Cereal grinding is coarse to help minimize acidosis when feeding large amounts
- Pectin / ligin fibre source.
- Designed to provide trace nutrients and key amino and fatty acids when fed with quality forage.
- Uses traditional ingredients of a non-GM nature and from local farms where possible
- Enhanced antioxidant package to help support circulating vitamin E levels.
- Manufactured to a fixed recipe in a dedicated, drug free ISO / UFAS registered mill.

Ingredients: maize, wheatfeed, wheat, beet pulp, nutritionally improved straw, ligin, full fat linseed, beans, dicalcium phosphate, yeast extract, limestone, salt, vitamin / trace mineral premix, lysine, blackcurrent extract, vitamin E premix, with EC permitted antioxidants mixed tocopherols, vitamin C, rosemary extract

Key Analyses:

Proximate:

Protein 11% Oil 4% Fibre 9 %, Ash 10%,
Moisture <14%

Vitamins:

Vitamin A 11500 iu / kg, Vitamin D 1100 iu / kg Vitamin E 620mg/kg

Trace Minerals:

Copper 30mg/kg Selenium 0.6mg/kg Zinc 100mg/kg, Manganese 100mg/kg, Iron 180-200mg/kg

Macro Minerals:

Calcium 1.2% Phosphorus 0.65 % Potassium 0.62 % Magnesium 0.15%, Salt 0.95%

Additional Information:

Calc MER 9.2 MJ/kg; Horse DE 11.2 MJ/kg UDP 3.5%; NDF 22%, ADF 16%

Feeding Instructions: Suggestions Feed to provide around 10% of energy requirement plus forage



Nutrazu® Flamingo Complete

DESCRIPTION

Nutrazu® Flamingo Complete is a complementary feedingstuff for all captive flamingos.

Features and Benefits

- Minimum wastage - Nutrazu® Flamingo Complete floats, thereby avoiding the accumulation of food on the bottom, which crustacean-eating birds have difficulty consuming.
- Nutritionally balanced - contains high levels of vitamins and fish proteins essential for growth and maintenance.
- Contains canthaxanthin - A pigment well dispersed within the feed that maintains plumage color and avoids the wastage of high-value pigment common with other methods of administration.

Product Form

Extruded pellet size: 5-6 mm x 12 mm length.. 10 kg. net weight paper sack.

Guaranteed Analysis

Crude protein not less than	20.0%
Crude fat not less than	5.5%
Crude fibre not more than	5%
Ash not more than	7.0%
Vitamin A	35000 IU/kg
Vitamin D	6000 IU/kg
Vitamin E	350 mg/kg
Copper (as cupric sulphate)	13 mg/kg

Ingredients

Maize, wheatfeed, de-hulled soya, fishmeal, wheat, prairie meal, dicalcium phosphate, soya oil, brewers yeast, potato protein, liver, meal, limestone, natural antioxidants, choline chloride, vitamin E, potassium chloride, salt, methionine, canthaxanthin, nicotinic acid, chelated manganese, chelated zinc, vitamin B12 premix, biotin, vitamin A premix, manganese oxide, zinc sulphate, chelated copper, calcium pantothenate copper sulphate, vitamin B2, thiamin, pyridoxine, folic acid, vitamin D premix, BMP selenium, vitamin K, calcium iodate, cobalt carbonate.

Feeding Directions

Introduce gradually until it forms the major part of the daily intake for growth and or maintenance. Feed at 23-30 g/kg body weight per bird per day. Increase feed to compensate for food taken by non-collection birds. Typical intake is 150-200g / day.



APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	20.5
Arginine, %	1.20
Cystine, %	0.35
Glycine, %	1.24
Histidine, %	0.52
Isoleucine, %	0.87
Leucine, %	1.59
Lysine, %	1.10
Methionine, %	0.50
Phenylalanine, %	0.88
Tyrosine, %	0.46
Threonine, %	0.90
Tryptophan, %	0.25
Valine, %	1.22
Fat, %	5.6
Linoleic Acid, %	2.6
Omega-6 Fatty Acids, %	2.5
Fibre (Crude), %	3.0
Neutral Detergent Fibre, %	9.2
Acid Detergent Fibre, %	3.4
Metabolisable Energy, kcal/g	3.27

Minerals

Ash, %	7.5
Calcium, %	1.50
Phosphorus, %	1.10
Phosphorus (non-phytate), %	0.72
Potassium, %	0.60
Magnesium, %	0.15
Sodium, %	0.20
Chlorine, %	0.26
Sulfur, %	0.25
Iron, ppm	290
Zinc, ppm	95
Manganese, ppm	94
Copper, ppm	10
Iodine, ppm	1.5
Selenium, ppm	0.44
Cobalt, ppm	0.20

Vitamins

Vitamin K (as menadione), ppm	1.0
Thiamin Hydrochloride, ppm	17
Riboflavin, ppm	2
Niacin, ppm	102
Pantothenic Acid, ppm	23
Choline Chloride, ppm	1,400
Folic Acid, ppm	1.8
Pyridoxine, ppm	14
Biotin, ppm	0.37
Vitamin B12, mcg/kg	38
Vitamin A, IU/gm	32.5
Vitamin D3 (added), IU/gm	6.0
Vitamin E, IU/kg	73
Canthaxanthin, ppm	40

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

General information

Feed in shallow trough or in shallow water.

No need for additional colour supplementation.

Store in a cool dry place and fold down top when not in use.

Vitamins guaranteed until the best before date shown together with the batch code on the bag.

For further information refer to www.Nutrazu.com

NutraZU® Kangaroo/Wallaby Diet

DESCRIPTION

NutraZU® Kangaroo/Wallaby Diet is a complementary feedingstuff for macropodidae of all ages.

Features and Benefits

- High levels of vitamin E and selenium - Helps prevent white muscle disease.
- Formulated for Kangaroos and Wallabies - Meets nutritional requirements.
- Nutritionally balances available pasture and hay - Promotes growth and reproduction.
- Particle form - Easy to feed, minimizes waste.

Product Form

Biscuit size: 10-11 mm x 14 mm length. 15 kg. net weight paper sack.

Guaranteed Analysis

Crude protein not less than	15.0%
Crude fat not less than	5.0%
Crude fibre not more than	8.5%
Ash not more than	7.0%
Vitamin A	15000 IU/kg
Vitamin D	800 IU/kg
Vitamin E	950 mg/kg
Copper (as cupric sulphate)	17 mg/kg
Selenium	0.7 mg/kg

Ingredients

Oats, de-hulled soya, wheat, wheatfeed, oatfeed, barley, maize germ, dextrose, soya oil, un-molassed sugar beet, limestone, fructose, dicalium phosphate, salt, potassium chloride, choline chloride, magnesium oxide, vitamin E premix, iron sulphate, chelated iron, chelated manganese, chelated zinc, manganese oxide, zinc sulphate, nicotinic acid, vitamin B12 premix, vitamin A premix, chelated copper, calcium pantothenate, copper sulphate, biotin, thiamin, pyridoxine, BMP selenium, vitamin B2, calcium iodate, vitamin D premix, vitamin K, folic acid, cobalt carbonate.



Feeding Directions

Designed to be fed free-choice to quality pasture or hay (preferably alfalfa) free of body weight.

Kangaroos and Wallabies of all ages. Provide high choice in addition. Typical intakes are between 1 and 2%

APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	15.2
Arginine, %	0.90
Cystine, %	0.25
Glycine, %	0.61
Histidine, %	0.38
Isoleucine, %	0.70
Leucine, %	1.11
Lysine, %	0.80
Methionine, %	0.25
Phenylalanine, %	0.73
Tyrosine, %	0.50
Threonine, %	0.56
Tryptophan, %	0.19
Valine, %	0.81
Fat (ether extract), %	5.0
Fat (acid hydrolysis), %	6.3
Omega-6 Fatty Acids, %	0.0
Fibre (Crude), %	8.5
Neutral Detergent Fibre, %	22.8
Acid Detergent Fibre, %	10.6
Nitrogen-Free Extract (by difference), %	55.4
Physiological Fuel Value, kcal/g	3.30
Metabolisable Energy, kcal/g	2.97
Total Digestible Nutrient, %	74.3

Minerals

Ash, %	6.9
Calcium, %	1.00
Phosphorus, %	0.60
Phosphorus (non-phytate), %	0.28
Potassium, %	0.90
Magnesium, %	0.25
Sulfur, %	0.21
Sodium, %	0.24
Chlorine, %	0.50
Iron, ppm	220
Zinc, ppm	140
Manganese, ppm	140
Copper, ppm	17

Cobalt, ppm	0.37
Iodine, ppm	1.5
Chromium, ppm	0.50
Selenium, ppm	0.71

Vitamins

Vitamin K (as menadione), ppm	2.5
Thiamin Hydrochloride, ppm	8.2
Riboflavin, ppm	5.0
Niacin, ppm	73
Pantothenic Acid, ppm	21
Choline Chloride, ppm	1,600
Folic Acid, ppm	1.0
Pyridoxine, ppm	7.5
Biotin, ppm	0.27
Vitamin B12, mcg/kg	66
Vitamin A, IU/gm	13
Vitamin D3 (added), IU/gm	0.75
Vitamin E, IU/kg	900
Ascorbic Acid, ppm	----

General information

Store in a cool dry place and fold down top when not in use.

Ensure that fresh, clean water is available at all times.

Vitamins guaranteed until the best before date shown together with the batch code on the side of the bag.

For further information refer to www.Nutrazu.com

Click to
index

NutraZU® Large bird tablet w/o vit A

DESCRIPTION

NutraZU® Bird tablets are formulated to provide supplemental water- and fat- soluble vitamins to fish-eating bird species **consuming larger prey items**. This product does not contain any added vitamin A, and is designed to be fed with a diet of intact (i.e., whole) fish containing livers, which are a good source of vitamin A.

Features and Benefits

- Outer coating decreases instance of oxidative vitamin losses.
- No artificial flavors or colors.

Product Form

Oval tablet

- Tablet weighing 0.75g
- 750 g per canister (~1,000 tablets); 12 canisters per case.

Nutrient Composition (per tablet)

Vitamin A, IU	0
Vitamin E, IU	125
Vitamin C, mg	140
Thiamin, mg	115
Riboflavin, mg	8.5
Pyridoxine, mg	8.5
Pantothenic acid, mg	8.5
Folic acid, yg	285
Biotin, yg	125
Crude protein not less than	0.0%
Crude fat not less than	0.0%
Crude fiber not more than	1.0%

Ingredients

DL-alpha tocopheryl acetate (source of vitamin E), ascorbic acid (vitamin C), thiamin mononitrate, dried corn syrup, brewers dried yeast, pyridoxine hydrochloride, calcium pantothenate, riboflavin, shellac (outer coating), diacetylated monoglyceride (outer coating), maltodextrin, magnesium stearate, corn oil, silicon dioxide, folic acid, biotin.

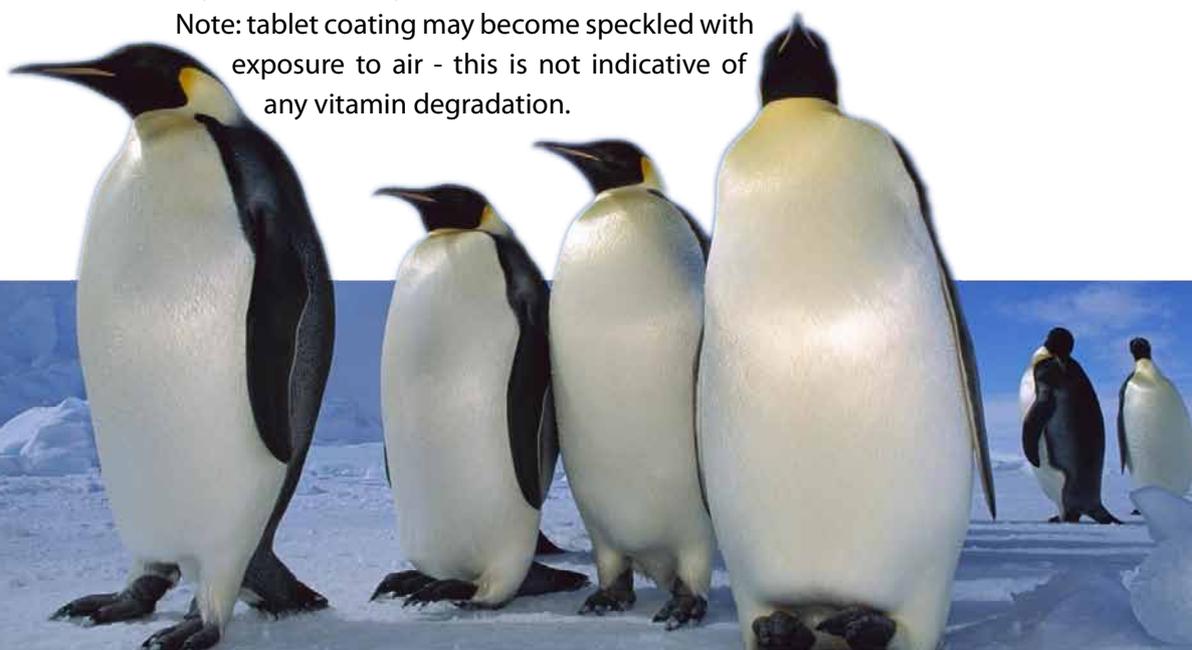
Feeding Directions

- Feed to birds by placing tablet into the food (shellfish or fish).
- For 0.75g tablet, feed 1 tablet per 2½ lb. of food.
- Recommendation: feed out within 12 hours of pilling food.

Storage Conditions

For best results, after removal of required tablet dosage store in original container with lid securely affixed in a cool (75°F or colder), dry (approximately 50% RH) location.

Note: tablet coating may become speckled with exposure to air - this is not indicative of any vitamin degradation.



NutraZU® Leaf-Eater Primate Diet

DESCRIPTION

NutraZU® Leaf-Eater Primate Diet is a complementary feedingstuff for all life stages of leaf eating primates, such as langurs and howlers.

Features and Benefits

- Provides a variety of food fibres from fruit, vegetables, cereal and legumes - Similar to what is found in the wild.
- No wheat product - May be useful for animals sensitive to wheat protein.
- No sucrose added - Helps maintain dental health.

Product Form

Biscuit size: 6 mm x 25 mm length. 10 kg net weight paper sack.

Guaranteed Analysis

Crude protein not less than	23.0%
Crude fat not less than	5.0%
Crude fibre not more than	13.0%
Ash not more than	7.5%
Vitamin A	20,000 IU/kg
Vitamin D	3,000 IU/kg
Vitamin E	210 mg/kg
Copper (as cupric sulfate)	20 mg/kg

Ingredients

De-hulled soya, un-molassed sugar beet, soya hulls, maize, oatfeed, alfalfa, full fat soya, soya oil, apple pomace, dicalcium phosphate, brewers yeast, limestone, vitamin C, choline, chloride, methionine, orange oil, chelated iron, vitamin E premix, chelated zinc, chelated manganese, nicotinic acid, zinc sulphate, manganese oxide, calcium pantothenate, vitamin B12 premix, vitamin A premix, chelated copper, copper sulphate, biotin, vitamin B2, thiamin, pyridoxine, folic acid, vitamin D premix, vitamin K, BMP selenium, calcium iodate, cobalt carbonate.

Feeding Directions

Designed to be fed as a base diet depending upon needs. May be fed on a dry matter basis at 2/3 or intake with 1/3 as fruits and or vegetables. Primates typically eat 2-4% of body weight. Feed once per day. Adjust food intake to maintain primates in ideal body condition and minimize waste.



APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	23.0
Arginine, %	1.30
Cystine, %	0.31
Glycine, %	0.87
Histidine, %	0.58
Isoleucine, %	1.17
Leucine, %	2.09
Lysine, %	1.40
Methionine, %	0.59
Phenylalanine, %	1.26
Tyrosine, %	0.92
Threonine, %	0.84
Tryptophan, %	0.28
Valine, %	1.28
Fat, %	5.5
Linoleic Acid, %	2.8
Omega-6 Fatty Acids, %	2.7
Fibre (Crude), %	13.0
Neutral Detergent Fibre, %	27.0
Acid Detergent Fibre, %	16.0
Nitrogen-Free Extract (by difference), %	42.3
Metabolisable Energy, kcal/g	2.75

Minerals

Ash, %	7.9
Calcium, %	1.10
Phosphorus, %	0.84
Phosphorus (non-phytate), %	0.48
Potassium, %	1.10
Magnesium, %	0.20
Sodium, %	0.30
Chlorine, %	0.42
Iron, ppm	530
Zinc, ppm	145
Manganese, ppm	125
Copper, ppm	21
Iodine, ppm	1.70
Selenium, ppm	0.23
Cobalt, ppm	1.00

Vitamins

Vitamin K (as menadione), ppm	3.1
Thiamin Hydrochloride, ppm	11
Riboflavin, ppm .	12
Niacin, ppm	110
Pantothenic Acid, ppm	60
Choline Chloride, ppm	1,510
Folic Acid, ppm	11
Pyridoxine, ppm	11
Biotin, ppm	0.29
Vitamin B12, mcg/kg	50
Vitamin A, IU/gm	20
Vitamin D3 (added), IU/gm	3.0
Vitamin E, IU/kg	210
Carotene, ppm	4.8
Ascorbic Acid, ppm	760

General information

Store in a cool dry place and fold down top when not in use.

Ensure that fresh, clean water is available at all times.

Vitamins guaranteed until the best before date shown together with the batch code on the side of the bag.

For further information refer to www.Nutrazu.com

Click to
index

NutraZu® Mammal tablets with no vit. A

DESCRIPTION

The Vita-Zu© mammal tablets With no vitamin A are formulated to provide supplemental water and fat soluble vitamins to fish eating mammals. These tablets are designed to be fed with intact (i.e. whole) fish containing livers which are good source of vitamin A.

Feeding Directions

Feed to marine mammals by placing the tablet into the food fish. Feed 1 tablet per 5 pounds of fish.

Product Form

1.5 Gram Tablet

Guaranteed Analysis (per tablet)

Vitamin A	0IU
Vitamin E	385IU
Vitamin C	281mg
Thiamin	255mg
Riboflavin	17.3mg
Pyridoxine	17.3mg
Pantothenic acid	17,1mg
Biotin	275mcg
Folic Acid	0,57mg

Ingredients

dI-Alpha-tocopheryl acetate, dried corn syrup, thiamin mononitrate, ascorbin acid, brewers dried yeast, pyridoxine hydrochloride, calcium pantothenate, riboflavin, maltodextrin, silicon dioxide, corn oil, magnesium stearate, folic acid, biotin.

Storage Directions

For best results, replace lid on container after removal of tablet dosage required. Store in original container in a cool (75°F or colder), dry approximately 50% relative humidity) location.



Nutrazu® New World Primate Diet

DESCRIPTION

Nutrazu® New World Primate is a complementary feedingstuff for small species of new world monkeys at all life stages.

Features and Benefits

- Contains stabilized vitamin C - Allowing for greater shelf life.
- Contains no sugar - Helps reduce dental concern.
- Contains DentaGuard™ - Shown in research trials to reduce the formation of dental calculi.
- Designed to provide all key nutrients - When used with vegetables, fruits, and browse.
- Utilizes a variety of fibres and proteins - Ensures consistency of nutrients.
- Formulated to be used as part of any primate program.

Product Form

Biscuit size: 13-14 mm x 25 mm length. 15 kg. net weight paper sack.

Guaranteed Analysis

Crude protein not less than	25.5%
Crude fat not less than	11.0%
Crude fibre not more than	4.0%
Ash not more than	8.0%
Vitamin A	20000 IU/kg
Vitamin D	7000 IU/kg
Vitamin E	520 mg/kg
Copper (as cupric sulphate)	35 mg/kg

Ingredients

De-hulled soya, wheatfeed, maize, egg powder, soya oil, fructose, wheat flour, unmolassed sugar beet, full fat soya, limestone, potato protein, sodium hexametaphosphate, dicalcium phosphate, salt, limestone, salt, choline chloride, potassium chloride, vitamin C, orange oil, taurine, methionine, vitamin E, natural antioxidant (mixed tocopherols, and rosemary extract), chelated iron, chelated zinc, chelated manganese, nicotinic acid, zinc sulphate, calcium pantothenate, folic acid, vitamin B12 premix, manganese oxide, chelated copper, copper sulphate, vitamin A premix, vitamin D premix, biotin vitamin B2, pyridoxine, thiamin, BMP selenium, calcium iodate, vitamin K, cobalt carbonate.

Feeding Directions

Designed to be fed as a base diet depending upon needs. May be fed on a dry matter basis at 2/3 or intake with 1/3 as fruits, vegetables and browse. Primates typically eat 2-4% of body weight.

APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	25.8
Arginine, %	1.80
Cystine, %	0.40
Glycine, %	1.13
Histidine, %	0.74
Isoleucine, %	1.68
Leucine, %	2.66
Lysine, %	1.90
Methionine, %	0.60
Phenylalanine, %	1.52
Tyrosine, %	1.11
Threonine, %	1.15
Tryptophan, %	0.52
Valine, %	1.74
Taurine, %	0.14
Fat, %	11.2
Omega-6 Fatty Acids, %	4.0
Fibre (Crude), %	4.0
Neutral Detergent Fibre, %	11.5
Acid Detergent Fibre, %	5.2
Nitrogen-Free Extract (by difference), %	43.3
Metabolisable Energy , kcal/gm	3.25

Minerals

Ash, %	8.0
Calcium, %	1.20
Phosphorus, %	0.90
Phosphorus (non-phytate), %	0.60
Potassium, %	1.00
Magnesium, %	0.20
Sodium, %	0.50
Chlorine, %	0.50
Sulfur, %	0.30
Iron, ppm	300
Zinc, ppm	180
Manganese, ppm	130
Copper, ppm	37
Iodine, ppm	2.3
Selenium, ppm	0.44
Cobalt, ppm	0.80

Vitamins

Vitamin K (as menadione), ppm	3.2
Thiamin Hydrochloride, ppm	18
Riboflavin, ppm	14
Niacin, ppm	110
Pantothenic Acid, ppm	70
Choline Chloride, ppm	1,800
Folic Acid, ppm	41
Pyridoxine, ppm	17
Biotin, ppm	0.42
Vitamin B12, mcg/kg	70
Vitamin A, IU/gm	20
Vitamin D3 (added), IU/gm	7.7
Vitamin E, IU/kg	520
Ascorbic Acid, ppm	1,000

General information

Adjust food intake to maintain animals in ideal body condition and minimize waste.

Store in a cool dry place and fold down top when not in use. Ensure that fresh, clean water is available at all times.

Vitamins guaranteed until the best before date shown together with the batch code on the side of the bag.

For further information refer to www.Nutrazu.com

NutraZU® Primate Browse Biscuit

DESCRIPTION

NutraZU® Primate Browse Biscuit a complementary feedingstuff for a variety of primates.

Features and Benefits

- Contains stabilized vitamin C - Allowing for greater shelf life.
- High levels of fibre in a palatable biscuit.
- Contains DentaGuard™ - Proven in research trials to reduce the formation of dental calculi.
- Designed to provide all key nutrients, when used with vegetables, fruits, and browse.
- Utilizes a variety of fibres and proteins - Ensures consistency of nutrients.
- Formulated to be used as part of any primate program.

Product Form

Biscuit size: 14-15 mm x 45 mm length. 15 kg. net weight paper sack.

Guaranteed Analysis

Crude protein not less than	18.5%
Crude fat not less than	3.0%
Crude fibre not more than	16.0%
Vitamin A	20,000 IU/kg
Vitamin D	3,500 IU/kg
Vitamin E	300 mg/kg
Copper (as cupric sulphate)	30 mg/kg

Ingredients

De-hulled soya, un-molassed sugar beet, maize, aspen wood, dextrose, apple pomace, cellulose, fructose, dicalcium phosphate, oatfeed, soya oil, sodium hexametaphosphate limestone, salt, brewers yeast, choline chloride, potassium chloride, orange oil, vitamin C, methionine, taurine, vitamin E, natural antioxidant (mixed tocopherols, ascorbic acid and rosemary extract), chelated iron, chelated zinc, chelated manganese, nicotinic acid, zinc sulphate, calcium pantothenate, vitamin B12 premix, manganese oxide, chelated copper, copper sulphate, vitamin A premix, biotin vitamin B2, pyridoxine, thiamin, folic acid, vitamin D premix, BMP selenium, calcium iodate, vitamin K, cobalt carbonate.

Feeding Directions

NutraZU® Primate Browse Biscuits are designed to be fed as a base diet depending upon needs. May be fed on a dry matter basis at 2/3 or intake with 1/3 as fruits, vegetables and browse. Primates typically eat 2-4% of body weight.



APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	18.0
Arginine, %	1.00
Cystine, %	0.27
Glycine, %	0.70
Histidine, %	0.42
Isoleucine, %	0.91
Leucine, %	1.91
Lysine, %	1.00
Methionine, %	0.40
Phenylalanine, %	0.95
Tyrosine, %	0.68
Threonine, %	0.68
Tryptophan, %	0.20
Valine, %	0.90
Taurine, %	0.10
Fat (ether extract), %	3.2
Omega-6 Fatty Acids, %	1.20
Fibre (Crude), %	14.5
Neutral Detergent Fibre, %	22.5
Acid Detergent Fibre, %	18.0
Nitrogen-Free Extract (by difference), %	47.6
Metabolisable Energy , kcal/gm	2.43

Minerals

Ash, %	8.8
Calcium, %	1.30
Phosphorus, %	0.90
Phosphorus (non-phytate), %	0.70
Potassium, %	0.90
Magnesium, %	0.14
Sulfur, %	0.18
Sodium, %	0.50
Chlorine, %	0.55
Iron, ppm	295
Zinc, ppm	160
Manganese, ppm	110
Copper, ppm	35
Cobalt, ppm	0.72
Iodine, ppm	2.3
Selenium, ppm	0.36

Vitamins

Vitamin K (as menadione), ppm	2.5
Thiamin Hydrochloride, ppm	14
Riboflavin, ppm	14
Niacin, ppm	110
Pantothenic Acid, ppm	70
Choline Chloride, ppm	1,700
Folic Acid, ppm	14
Pyridoxine, ppm	17
Biotin, ppm	0.42
Vitamin B12, mcg/kg	69
Vitamin A, IU/gm	20
Vitamin D3 (added), IU/gm	3.5
Vitamin E, IU/kg	280
Ascorbic Acid, ppm	500

General information

Adjust food intake to maintain primates in ideal body condition and minimize waste.

Store in a cool dry place and fold down top when not in use.

Ensure that fresh, clean water is available at all times.

Vitamins guaranteed until the "best before" date shown together with the batch code on the side of the bag.

For further information refer to www.Nutrazu.com

NutraZU® Primate Maintenance Biscuit

DESCRIPTION

NutraZU® Primate Maintenance Biscuit is a complementary feedingstuff for a variety of primates, specifically those which are mature or have a tendency to become overweight.

Features and Benefits

- Contains stabilized vitamin C - Allowing for greater shelf life.
- Contains DentaGuard™ - Proven in research trials to reduce the formation of dental calculi.
- Designed to provide all key nutrients - When used with vegetables, fruits, and browse.
- Utilizes a variety of proteins - Ensures adequate supply of nutrients.
- Formulated to be used as part of any primate program.

Product Form

Extruded Pellet: 16 mm x 48 mm length. 15 kg. net weight paper sack.

Guaranteed Analysis

Crude protein not less than	16.5%
Crude fat not less than	4.5%
Crude fibre not more than	9.5%
Ash not more than	7.0%
Vitamin A	20000 IU/kg
Vitamin D	3500 IU/kg
Vitamin E	300 mg/kg
Copper (as cupric sulphate)	30 mg/kg

Ingredients

De-hulled soya, oats, maize germ, maize, un-molassed sugar beet, barley, alfalfa, dextrose, soya hulls, oatfeed, fructose, dicalcium phosphate, limestone, prairie meal, soya oil, full fat soya, apple pomace, sodium hexametaphosphate, brewers yeast, sodium bicarbonate, Choline chloride, orange oil, vitamin C, taurine, methionine, vitamin E, natural antioxidant (mixed tocopherols, ascorbic acid and rosemary extract), chelated iron, chelated zinc, chelated manganese, nicotinic acid, zinc sulphate, calcium pantothenate, vitamin B12 premix, manganese oxide, chelated copper, copper sulphate, vitamin A premix, biotin vitamin B2, pyridoxine, thiamin, folic acid, vitamin D premix, BMP selenium, calcium iodate, vitamin K, cobalt carbonate.

Feeding Directions

Designed to be fed as a base diet depending upon needs. May be fed on a dry matter basis at 2/3 or intake with 1/3 as fruits, vegetables and browse. Primates typically eat 2-4% of body weight. Adjust food intake to maintain primates in ideal body condition and minimize waste.

APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	16.7
Arginine, %	0.90
Cystine, %	0.25
Glycine, %	0.55
Histidine, %	0.45
Isoleucine, %	0.77
Leucine, %	1.58
Lysine, %	0.90
Methionine, %	0.40
Phenylalanine, %	0.93
Tyrosine, %	0.70
Threonine, %	0.62
Tryptophan, %	0.20
Valine, %	0.95
Taurine, %	0.14
Fat, %	4.4
Omega-6 Fatty Acids, %	3.0
Fibre (Crude), %	9.3
Neutral Detergent Fibre, %	21.8
Acid Detergent Fibre, %	13.3
Nitrogen-Free Extract (by difference), %	52.6
Metabolisable Energy , kcal/gm	2.71

Minerals

Ash, %	7.8
Calcium, %	1.28
Phosphorus, %	0.90
Phosphorus (non-phytate), %	0.58
Potassium, %	0.85
Magnesium, %	0.14
Sodium, %	0.48
Chlorine, %	0.30
Sulfur, %	0.22
Iron, ppm	270
Zinc, ppm	150
Manganese, ppm	97
Copper, ppm	35
Iodine, ppm	2.0
Selenium, ppm	0.41
Cobalt, ppm	0.79

Vitamins

Vitamin K (as menadione), ppm	2.5
Thiamin Hydrochloride, ppm	14
Riboflavin, ppm	14
Niacin, ppm	110
Pantothenic Acid, ppm	70
Choline Chloride, ppm	1,700
Folic Acid, ppm	11
Pyridoxine, ppm	17
Biotin, ppm	0.42
Vitamin B12, mcg/kg	69
Vitamin A, IU/gm	20
Vitamin D3 (added), IU/gm	3.5
Vitamin E, IU/kg	290
Ascorbic Acid, ppm	500

General information

Store in a cool dry place and fold down top when not in use.

Ensure that fresh, clean water is available at all times.

Vitamins guaranteed until the best before date shown together with the batch code on the side of the bag.

For further information refer to www.Nutrazu.com

Click to
index

Brogaarden® Ruminant Cube

DESCRIPTION

Formulated specifically for the sensitive ruminant forestomachs. Ideal for browsers and Grazers.

Features and Benefits

- Low starch, high level of fibres and pectins
- Rich in omega-3 fatty acids
- High levels of B-group vitamins to support natural ruminant production
- High levels of natural antioxidants
- Highly palatable, even for finicky browsers such as dik-dik
- Used with highly satisfying results at Ebeltoft Zoo and other Danish Zoos
- The manufacturing plant is free from all animal protein sources, additional feed additives and antibiotics

Ingredients

9mm grass (Ringstead), Unmolassed sugar beet, Rice grain, Wheat, Oatfeed, F.F.Linseed, Hi-pro soya, Dical phosphate, Salt, Sodium bicarbonate, Apple flavour Premix.



APPROXIMATE NUTRIENT COMPOSITION

	%				
Oil	4	B6 mg/kg	0.8	Vit D3	2500
Protein	15	B12 mcg/kg	33.2	Vit E	120
Fibre	16.5	Fol mg/kg	0.6	K Mg/kg	0.1
Ash	8.5	Nic mg/kg	1.6	Ndf	36
Mer mj	6.75	Pa mg/kg	2.4	Tdf	13
Starch	7.5	Bio mcg/kg	160	Adf	21
Sugar	6.5	Salt	1	Soluble	4
Calcium	1.1	Na	0.65	Omega 3	2
Phos	0.74	K	1.4		
		Mg	0.18		
Cu mg/kg	18	Chloride	0.54		
Zn mg/kg	155	Lysine	0.65		
Mn mg/kg	90	M+c	0.46		
Se mg/kg	0.45	Meth	0.27		
Fe mg/kg	165	Threon	0.35		
I mg/kg	3.5	Trypt	0.19		
Co mg/kg	1.7	Arg	0.45		
B1 mg/kg	10	Na+k_cl	510		
B2 mg/kg	0.2	Vit A	12000		

General information

Store in a cool dry place and fold down top when not in use. Ensure that fresh, clean water is available at all times. Vitamins guaranteed until the best before date shown together with the batch code on the side of the bag.

For further information contact us at brogaarden@brogaarden.eu

Nutrazu® Zulife™ Soft-bill Diet

DESCRIPTION

Nutrazu® ZuLiFe™ Soft-Bill Diet is a complementary feedingstuff for maintenance of adult soft-bills and those where a control of iron intake is important.

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: 6 mm x 13-15 mm length. 10 kg. net weight paper sack.

Guaranteed Analysis

Crude protein not less than	21.0%
Crude fat not less than	8.7%
Crude fibre not more than	2.0%
Ash not more than	5.0%

Ingredients

Wheat flour, maize, rice, prairie meal, dried egg powder, potato protein, soya oil, maize germ, dextrose, dicalcium phosphate, brewers yeast, limestone, lysine, cellulose, lutein, choline chloride, potassium chloride, salt, methionine, natural antioxidants (mixed tocopherols, ascorbic acid and rosemary extract), vitamin E, canthaxanthin, nicotinic acid, chelated manganese, chelated zinc, vitamin B12 premix, biotin, vitamin A premix, manganese oxide, zinc sulphate, chelated copper, calcium pantothenate copper sulphate, vitamin B2, thiamin, pyridoxine, folic acid, vitamin D premix, BMP selenium, vitamin K, calcium iodate, cobalt carbonate.

Feeding Directions

Introduce gradually until the softbill diet forms at least 70% of intake, additional fruit, vegetables and enrichment items may also be fed.

Always monitor weight and adjust feed to maintain weight

For further information refer to www.Nutrazu.com.

APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	21.4
Arginine, %	1.10
Cystine, %	0.45
Glycine, %	0.57
Histidine, %	0.48
Isoleucine, %	0.94
Leucine, %	1.50
Lysine, %	1.50
Methionine, %	0.80
Phenylalanine, %	0.99
Tyrosine, %	0.62
Threonine, %	0.97
Tryptophan, %	0.40
Valine, %	1.06
Fat, %	8.8
Omega-6 Fatty Acids, %	3.0
Fibre (Crude), %	2.0
Neutral Detergent Fibre, %	6.8
Acid Detergent Fibre, %	1.6
Metabolisable Energy , kcal/gm	3.76

Minerals

Ash, %	5.5
Calcium, %	1.20
Phosphorus, %	0.90
Phosphorus (non-phytate), %	0.70
Potassium, %	0.50
Magnesium, %	0.09
Sodium, %	0.14
Chlorine, %	0.45
Sulfur, %	0.28
Iron, ppm	<90
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 B12, mcg/kg	66
Vitamin A, IU/gm	6.6
Vitamin D3 (added), IU/gm	2.1
Vitamin E, IU/kg	300

General information

Store in a cool dry place and fold down top when not in use.

Ensure that fresh, clean water is available at all times.

Vitamins guaranteed until the best before date shown together with the batch code on the side of the bag.

For further information refer to www.Nutrazu.com

Nutrazu® Tortoise Diet

DESCRIPTION

Nutrazu® Tortoise Diet is a high fibre diet designed for dry land herbivorous tortoises such as gophers and sulcata tortoises.

Features and Benefits

- High fibre level.
- Contains natural vitamin E.
- Extruded pellet form - Minimizes wastage and creates a more natural feeding environment.
- Complete nutrition - No vitamin or mineral supplementation needed.

Product Form

Extruded Pellet: 1/2" x 1" length. 12,5 kg. net weight paper sack.

Guaranteed Analysis

Crude protein not less than	15.0%
Crude fat not less than	3.0%
Crude fibre not more than	18.0%
Calcium (Ca) not less than	0.95%
Calcium (Ca) not more than	1.45%
Phosphorus (P) not less than	0.60%
Sodium (Na) not more than	0.60%
Vitamin E not less than	150 IU/lb

Ingredients

Ground soybean hulls, ground corn, ground oats, dehulled soybean meal, wheat middlings, cane molasses, brewers dried yeast, soybean oil, wheat germ, dehydrated alfalfa meal, dicalcium phosphate, calcium carbonate, salt, DL-methionine, choline chloride, menadione dimethylpyrimidinol bisulfite (source of vitamin K), pyridoxine hydrochloride, d-alpha tocopheryl acetate (natural source vitamin E), cholecalciferol (vitamin D3), biotin, calcium pantothenate, ethoxyquin (a preservative), vitamin A acetate, riboflavin, folic acid, nicotinic acid, thiamin mononitrate, cyanocobalamin (vitamin B12), manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

Feeding Directions

Nutrazu® Tortoise Diet has been designed for Galapagos tortoises, but may be useful for other species of dry land tortoises. Feed approximately 2-4% of body weight. It is not necessary to add water. Feed consumption will vary with temperature. Feed with good quality grass hay. Fresh fruits and vegetables (less than 20% by weight of total diet) may also be provided if desired.

APPROXIMATE NUTRIENT COMPOSITION

Nutrients

Protein, %	15.2
Arginine, %	0.80
Cystine, %	0.20
Glycine, %	0.51
Histidine, %	0.42
Isoleucine, %	0.72
Leucine, %	1.14
Lysine, %	0.89
Methionine, %	0.35
Phenylalanine, %	0.81
Tyrosine, %	0.61
Threonine, %	0.55
Tryptophan, %	0.21
Valine, %	1.42
Fat (ether extract), %	4.0
Fat (acid hydrolysis), %	5.0
Linoleic Acid, %	2.0
Fibre (Crude), %	13.8
Neutral Detergent Fibre, %	29.3
Acid Detergent Fibre, %	17.4
Nitrogen-Free Extract (by difference), %	49.9
Total Digestible Nutrients, %	73.0
Physiological Fuel Value, kcal/g	2.96
Metabolisable Energy, kcal/g	2.74

Minerals

Ash, %	7.1
Calcium, %	1.20
Phosphorus, %	0.65
Phosphorus (non-phytate), %	0.45
Potassium, %	1.00
Magnesium, %	0.20
Sulfur, %	0.20
Sodium, %	0.42
Chlorine, %	0.72
Iron, ppm	260
Zinc, ppm	130
Manganese, ppm	120
Copper, ppm	19

Cobalt, ppm	1.2
Iodine, ppm	1.8
Chromium, ppm	0.43
Selenium, ppm	0.39

Vitamins

Vitamin K (as menadione), ppm	3.2
Thiamin Hydrochloride, ppm	11
Riboflavin, ppm	16
Niacin, ppm	89
Pantothenic Acid, ppm	40
Choline Chloride, ppm	1,800
Folic Acid, ppm	2.8
Pyridoxine, ppm	11
Biotin, ppm	0.60
Vitamin B12, mcg/kg	33
Vitamin A, IU/gm	6.6
Vitamin D3 (added), IU/gm	3.0
Vitamin E, IU/kg	310
Carotene, ppm	----

General information

Store in a cool dry place and fold down top when not in use.

Vitamins guaranteed until the best before date shown together with the batch code on the bag.

For further information refer to www.Nutrazu.com

Brogaarden® Zebra Cube

DESCRIPTION

Formulated specifically for wild equids in captivity

Features and Benefits

- Low in starch, high levels of fibres and pectins
- Wide collection of good quality protein sources to ensure excellent amino acid profile as well as organic sulphur
- High levels of essential fatty acids
- High levels of B-group vitamins included for the wide range of factors influenced from hair and hoof quality to liver function and carbohydrate/fat metabolism
- Used with highly satisfying results at Ebeltoft Zoo and other Danish Zoos
- High levels of natural fruit and plant antioxidants
- Extruded pellet for higher digestibility, reduced dust, better chewing rates and longer shelf life
- Includes mannan oligosaccharides as evidence suggests that this helps support immune function
- The manufacturing plant is free from all animal protein sources, additional feed additives and antibiotics

Ingredients

Grass, dehulled soya, oatfeed, wheatfeed, wheat, peas, full fat soya, full fat linseed, barley, potatoe protein, minerals, yeast, fruit and herbs.



APPROXIMATE NUTRIENT COMPOSITION

Oil %	4.5	Biotin mg/kg	420
Protein %	18.0	Sugar %	5
Fibre %	12.0	Potassium %	1.2
Ash %	8.0	Methionine %	0.3
		Leucine %	1
Starch %	16.0	Isoleucine %	0.6
		Valine %	1.8
Vitamin A iu/kg	10000	Phenylalanine Plus Tyrosine %	1.6
Vitamin D iu/kg	1250		
Vitamin E mg/kg	300	Folic Acid mg/kg	15
Vitamin B1 mg/kg	20	Nicotinic mg/kg	25
Vitamin B2 mg/kg	20	Pantothenic mg/kg	20
Vitamin B6 mg/kg	20	Choline mg/kg	750
Vitamin B12 mg/kg	70	Sulphur g/kg	2
Vitamin K mg/kg	2	NDF %	32
		ADF %	16
Copper mg/kg	38		
Selenium mg/kg	0.48		
Zinc mg/kg	100		
Manganese mg/kg	80		
Na %	0.4		
Cl %	0.5		
Ca %	1.1		
P %	0.52		
Iron mg/kg	150		
Iodine mg/kg	1		
Co mg/kg	0.75		
Lysine %	1.0		
Arginine %	1.0		
<i>Fatty acids:</i>			
Omega 3 %	1.1		
Omega 6 %	1.45		

Questions?

[Click here to send us
an e-mail](#)