

Description

Mazuri® Ratite Starter Diet 5M32 is a complete starter diet for emus and ostriches with special ingredients that have been shown to get birds off to a good start.

Features and Benefits

- **Contains high levels of added vitamin E and added selenium** - Addresses deficiencies.
- **Contains vitamin C** - Supports the immune system to address the effects of stress.
- **Contains soybean oil** - Ensures that the requirement for linoleic acid is met.
- **Contains *Saccharomyces cerevisiae*** – Designed to support bird health.
- **Contains vitamins and minerals known to be required by birds.**
- **Naturally preserved with mixed tocopherols.**

Product Form

Pellet size: 5/32", short cut.

- 40 lb. net weight paper sack

Catalog #

0001480

Guaranteed Analysis

Crude protein not less than	21%	Calcium not less than	1.3%
Crude fat not less than	2.5%	Calcium not more than	1.9%
Crude fiber not more than	7.0%	Phosphorus not less than	1.1%
Ash not more than	9.0%	Salt not less than	0.10%
Moisture not more than	12%	Salt not more than	0.50%

Ingredients

Ground corn, dehulled soybean meal, wheat middlings, dehydrated alfalfa meal, ground soy hulls, dicalcium phosphate, cane molasses, calcium carbonate, lignin sulfonate (pelleting agent), salt, fish meal (menhaden), soybean oil, dried brewers yeast (source of *Saccharomyces cerevisiae*), citric acid, ascorbic acid, rosemary extract, lecithin, dl-methionine, dl-alpha tocopheryl acetate (source of vitamin E), cholecalciferol (vitamin D₃), menadione sodium bisulfite complex (vitamin K), vitamin A acetate, mixed tocopherols (a natural preservative), l-ascorbyl-2-polyphosphate (stabilized vitamin C), manganous oxide, zinc oxide, niacin, calcium pantothenate, ferrous carbonate, choline chloride, vitamin B₁₂ supplement, copper sulfate, riboflavin, thiamin mononitrate, pyridoxine hydrochloride, zinc sulfate, folic acid, calcium iodate, cobalt carbonate, biotin, sodium selenite.

Feeding Directions

- **Emus** - Feed 5M32 to newly hatched emus until birds reach adult body weight. Feed free-choice or limit-feed to 75% of free-choice consumption depending on facilities and accessibility of chicks to facility.
- **Ostriches** - Feed 5M32 free-choice to newly hatched ostrich chicks until approximately 90 days of age or until they reach a body weight of 70 lb., whichever comes first.
- **Grit** - Use of grit may help in decreasing the incidence of impactions by strengthening the gizzard. Granite grit should be used. **Do not use limestone as a source of grit.** Grit can be made available to the birds as soon as they are hatched. Mix grit in with the feed (1.5% by weight, example: for every 98 grams of feed, mix in 2 grams of grit). Change the grit size as the animals grow.
- General recommendation for grit use:
 - Hatch to 3 weeks - 2/16" grit (starter size)
 - 4 to 7 weeks - 3/16" to 4/16" length, 2/16" width grit (grower size)
 - 8 to 16 weeks - 6/16" to 8/16" length, 4/16" width (developer size)
 - 16 weeks on - 10/16" to 14/16" length, 6/16" width (turkey size)

5M32

Mazuri® Ratite Starter Diet

Approximate Nutrient Composition¹

NUTRIENTS

Protein, %.....	21
Arginine, %.....	1.4
Cystine, %.....	0.37
Glycine, %.....	1.0
Histidine, %.....	0.56
Isoleucine, %.....	0.93
Leucine, %.....	1.7
Lysine, %.....	1.2
Methionine, %.....	0.40
Phenylalanine, %.....	1.0
Tyrosine, %.....	0.66
Threonine, %.....	0.82
Tryptophan, %.....	0.25
Valine, %.....	1.0

Fat (Ether extract), %.....	2.5
Linoleic acid, %.....	1.3
Omega-3 Fatty Acids, %.....	0.14
Omega-6 Fatty Acids, %.....	1.2

Fiber (Crude), %.....	6.0
Neutral Detergent Fiber, %.....	16
Acid Detergent Fiber, %.....	7.3

Metabolizable Energy ² , kcal/kg.....	2,455
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MINERALS

Ash, %.....	8.8
Calcium, %.....	1.6
Phosphorus, %.....	1.2
Phosphorus (non-phytate), %.....	0.85
Potassium, %.....	1.2
Magnesium, %.....	0.23
Sodium, %.....	0.23
Chloride, %.....	0.41
Iron, ppm.....	510
Zinc, ppm.....	175
Manganese, ppm.....	200
Copper, ppm.....	45
Iodine, ppm.....	1.3
Selenium (added), ppm.....	0.27

VITAMINS

Thiamin, ppm.....	13
Riboflavin, ppm.....	12
Niacin, ppm.....	104
Pantothenic acid, ppm.....	24
Choline chloride, ppm.....	1,345
Folic acid, ppm.....	4.8
Pyridoxine, ppm.....	9.5
Biotin, ppm.....	0.56
Ascorbic acid, ppm.....	175
Vitamin B ₁₂ , µg/kg.....	35
Vitamin A, IU/kg.....	16,065
Vitamin D ₃ (added), IU/kg.....	3,170
Vitamin E, IU/kg.....	270
Vitamin K (as menadione), ppm.....	4.6
Beta-carotene, ppm.....	245

Storage Conditions

For best results, store contents of open bag in container with sealing lids. Store in a cool 75°F or colder), dry (approximately 50% RH) location. Use within 1 year of bag manufacturing.

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

² Calculated using data from domesticated poultry.

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Average Feed Weights (note that average feed weights may vary due to method of measuring)

Measurement	g of Diet
¼ cup.....	38
½ cup.....	74
1 cup.....	164