

Mazuri® ADF 16 Herbivore Diet, Cube

(Available through a Mazuri® dealer)

Formula Code - 5M40 or 5ML2 (Varies by manufacturing location)



Description

Mazuri® ADF 16 Herbivore Diet is based on formulation designed by Dr. Duane Ullrey (1987), for use in the feeding of herbivores. A number of regional formulations met the nutrient specifications and generally meet ingredient specifications established by Dr. Ullrey. Locally sourced fiber alternates such as oat hulls, soybean hulls and rice hulls are incorporated to meet fiber specifications and utilize locally available ingredients.

Features and Benefits

- **Nutritionally balanced** - May be fed as a complete diet to some concentrate selectors, or may be used to complement hay or pasture.
- **High-energy formula** - Meets increased needs (e.g. reproduction, cold weather).

Product Form

50 lb. net weight paper sack.

- 5M40: ¾" cube
- 5ML2 - Regionally available: ¾" cube

Catalog

0006756
0062756



Guaranteed Analysis

Crude protein not less than.....	17.0%	Calcium not less than.....	0.60%
Crude fat not less than.....	3.0%	Calcium not more than	1.10%
Crude fiber not more than.....	15.0%	Phosphorous not less than.....	0.65%
Acid Detergent Fiber not more than	17.0%	Salt not less than.....	0.75%
Ash not more than.....	8.0%	Salt not more than	1.25%

Ingredients

Note: Review your feed tag for specific ingredient listing which - depending on your region - may include locally sourced fiber sources. Please contact your Mazuri® representative for details.

5M40

Wheat middlings, dehydrated alfalfa meal, dehulled soybean meal, ground corn, cane molasses, lignin sulfonate, soybean oil, salt, calcium propionate (a preservative), dicalcium phosphate, monocalcium phosphate, biotin, choline chloride, dl-alpha tocopheryl acetate (form of vitamin E), calcium carbonate, vitamin B₁₂ supplement, vitamin A acetate, cholecalciferol (form of vitamin D₃), ethoxyquin (a preservative), riboflavin supplement, thiamine mononitrate, calcium pantothenate, sodium selenite.

5ML2 - Regional

Wheat middlings, sun cured alfalfa, dehulled soybean meal, ground corn, ground rice hulls, cane molasses, soybean oil, salt, calcium carbonate, calcium propionate (a preservative), dicalcium phosphate, monocalcium phosphate, dl-alpha tocopheryl acetate (form of vitamin E), thiamine mononitrate, choline chloride, biotin, calcium pantothenate, lignin sulfonate, zinc oxide, nicotinic acid, vitamin A acetate, vitamin B₁₂ supplement, cholecalciferol (form of vitamin D₃), riboflavin supplement, manganous oxide, copper sulfate, cobalt carbonate, manganese sulfate, ethylenediamine dihydroiodide, zinc sulfate, sodium selenite, basic copper chloride, ferrous sulfate, potassium iodide, sodium molybdate.

Feeding Directions

- Expected intake should be 25% of the feed intake of the animal, as fed. Offer hay and/or browse at a level to provide the remainder of the diet. Animals generally should be fed 1-3% of body weight per day.
 - The amount of diet the animal requires will vary according to its species, age, size, life stage, health status and activity of the animal and the environmental temperature.
 - This product is not intended for, nor recommended for browsing herbivores. Research suggests that browsing herbivores such as giraffe, moose, reindeer and many small ruminants should be maintained on low starch diets. This product contains appreciable quantities of starch, and thus is not recommended for browsing herbivores. Option for browsing animals include Mazuri® Wild Herbivore High Fiber Diet pellets or cubes and Mazuri® Wild Herbivore Plus Diet .
- Always provide animal with plenty of fresh, clean water.

CONTAINS MORE THAN 15 PPM COPPER – IF USING FOR SHEEP SPECIES ENSURE TO BALANCE THE COMPLETE DIET FOR TOTAL COPPER INTAKE.

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Approximate Nutrient Composition¹

NUTRIENTS

Protein, %	17
Arginine, %.....	1.0
Cystine, %.....	0.29
Histidine, %.....	0.41
Isoleucine, %.....	0.82
Leucine, %.....	1.2
Lysine, %.....	0.81
Methionine, %.....	0.26
Phenylalanine, %.....	0.78
Tyrosine, %.....	0.46
Threonine, %.....	0.64
Tryptophan, %.....	0.20
Valine, %.....	0.80

Fat (Ether extract), %	3.0
Linoleic Acid, %.....	1.3
Omega-3 Fatty Acid, %.....	0.22
Omega-6 Fatty Acid, %.....	1.3

Fiber (Crude), %	15
Neutral Detergent Fiber, %.....	28
Acid Detergent Fiber, %.....	16
Starch, %.....	17

Digestible Energy, kcal/kg

Hind gut ²	3,100
Ruminant ³	3,215

Metabolizable Energy, kcal/kg

Ruminant ³	2,645
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MINERALS

Ash, %.....	7.8
Calcium, %.....	0.91
Phosphorus, %.....	0.65
Phosphorus (non-phytate), %.....	0.33
Potassium, %.....	1.6
Magnesium, %.....	0.30
Sodium, %.....	0.43
Chloride, %.....	0.80
Sulfur, %.....	0.24
Iron, ppm.....	250
Zinc, ppm.....	135
Manganese, ppm.....	90
Copper, ppm.....	20
Cobalt, ppm.....	0.41
Iodine, ppm.....	0.80
Selenium (added), ppm.....	0.15-0.20

VITAMINS

Thiamin, ppm.....	11
Riboflavin, ppm.....	8.5
Niacin, ppm.....	89
Pantothenic acid, ppm.....	34
Choline, ppm.....	1,100
Folic acid, ppm.....	0.73
Pyridoxine, ppm.....	5.5
Biotin, ppm.....	0.35
Vitamin B ₁₂ , µg/kg.....	21
Vitamin A, IU/kg.....	8,085
Vitamin D ₃ , IU/kg.....	1,255
Vitamin E (added), IU/kg.....	310
Vitamin K (as menadione), ppm.....	0.0

Storage Conditions

For best results, store contents of open bag in container with sealing lid. Store in a cool (75°F or colder), dry (approximately 50% RH) location. Freezing will not harm the diet and may extend freshness. Use within 1 year of bag manufacturing.

¹ Representative values for nutrients provided by the different formulations are shown. These are based on the latest ingredient analysis information. Since nutrient composition of ingredients varies, analyses will vary accordingly.

² Calculated from NRC horses (2007).

³ Calculated from NRC of Small Ruminants (2007).

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