

**Mazuri® ADF-#16 Herbivore**  
**Mazuri® ADF-#16 Herbivore (Cube)**

**5648**  
**5M40**

**Description**

Mazuri® ADF-#16 Herbivore is specially formulated for use in the feeding of ungulates fed hay or grass pasture during production phases or seasons where energy requirements are high.

**Features and Benefits**

- **Nutritionally balanced** - Nutritionally balancing available grass or hay.
- **High-energy formula** – meets increased needs (e.g. reproduction, cold weather).
- **Contains vitamin E and selenium** - Convenient means of supplementing.
- **Pellet form** - Easy to feed; minimizes waste.

**Product Form**

- 5648 - Pellet: 1/4" diameter x 3/4" length. 50 lb. net weight paper sack.  
**Catalog #0001438**
- 5M40 - Cube: 3/4" cube. 50 lb. net weight paper sack.  
**Catalog #0006756**

**Guaranteed Analysis**

Crude protein not less than ..... 17.0%  
Crude fat not less than ..... 3.0%  
Crude fiber not more than ..... 15.0%  
Acid Detergent Fiber not more than ..... 16.0%  
Ash not more than ..... 8.0%

**Ingredients**

Dehydrated alfalfa meal, wheat middlings, ground corn, dehulled soybean meal, cane molasses, soybean oil, salt, dicalcium phosphate, monocalcium phosphate, calcium carbonate, calcium propionate (a preservative), dl-alpha tocopheryl acetate (vitamin E), choline chloride, biotin, cholecalciferol (vitamin D<sub>3</sub>), ethoxyquin (a preservative), calcium pantothenate, vitamin A acetate, thiamin mononitrate, riboflavin, nicotinic acid, vitamin B<sub>12</sub> supplement, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

**Feeding Directions**

May be fed ad libitum, or intake may be limited, along with free-choice hay or grass pasture. Provide animals with access to plenty of fresh, clean water. Amounts consumed will be determined by experience, age and reproductive phase of animal, and seasonal variations. A guide: consumption of Mazuri® ADF-#16 Herbivore will usually be about 1% of body weight.

**CAUTION:**

This product contains a level of copper that may be toxic to certain herbivores such as sheep. 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.

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**Approximate Nutrient Composition**

**NUTRIENTS**

<b>Protein, %</b> .....	<b>17.0</b>
Arginine, %.....	0.97
Cystine, %.....	0.23
Glycine, %.....	0.81
Histidine, %.....	0.40
Isoleucine, %.....	0.90
Leucine, %.....	1.2
Lysine, %.....	0.76
Methionine, %.....	0.26
Phenylalanine, %.....	0.78
Tyrosine, %.....	0.49
Threonine, %.....	0.63
Tryptophan, %.....	0.21
Valine, %.....	0.83
<b>Fat, %</b> .....	<b>3.4</b>
Linoleic Acid, %.....	1.6
Omega-3 Fatty Acid, %.....	0.28
Omega-6 Fatty Acid, %.....	1.6
<b>Fiber (Crude), %</b> .....	<b>11.7</b>
Neutral Detergent Fiber, %.....	26.7
Acid Detergent Fiber, %.....	15.0
Starch%.....	24.7
Digestible Energy (hind gut) <sup>1</sup> , kcal/kg.....	3,250
Digestible Energy (ruminant) <sup>2</sup> , kcal/kg.....	3,350

**MINERALS**

<b>Ash, %</b> .....	<b>7.4</b>
Calcium, %.....	0.81
Phosphorus, %.....	0.68
Phosphorus (non-phytate), %.....	0.40
Potassium, %.....	1.36
Magnesium, %.....	0.30
Sodium, %.....	0.44
Chlorine, %.....	0.91
Sulfur, %.....	0.24
Iron, ppm.....	310
Zinc, ppm.....	150
Manganese, ppm.....	150
Copper, ppm.....	20
Iodine, ppm.....	1.3
Selenium, ppm.....	0.36
Cobalt, ppm.....	0.58

**VITAMINS**

Thiamin, ppm.....	11
Riboflavin, ppm.....	10
Niacin, ppm.....	90
Pantothenic Acid, ppm.....	32
Choline Chloride, ppm.....	1,620
Folic Acid, ppm.....	1.7
Pyridoxine, ppm.....	4.6
Biotin, ppm.....	0.49
Vitamin B <sub>12</sub> , mcg/kg.....	23
Vitamin A, IU/kg.....	6,500
Vitamin D <sub>3</sub> (added), IU/kg.....	1,200
Vitamin E, IU/kg.....	250
Vitamin K (as menadione), ppm.....	3.6
Carotene, ppm.....	38

<sup>1</sup> Calculated from nutrient data from NRC of Horses (2007).

<sup>2</sup> Calculated from nutrient data from NRC of Small Ruminants (2007).

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

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