

# GROSTRONG<sup>®</sup> 33 Ration Balancer

A Supplement for All Classes of Horses

Product Number: 594AAA



GROSTRONG 33 Ration Balancer provides the necessary protein, minerals, and vitamins to complement forages and grains, enabling horses to reach their performance potential. GROSTRONG 33 Ration Balancer combines the advantages of GROSTRONG<sup>®</sup> Minerals with high-quality protein

sources. It is the result of unsurpassed formulation expertise and leading edge technology. Over 100 years of formulation and manufacturing expertise back the reliability and nutritional soundness of GROSTRONG 33 Ration Balancer. GROSTRONG 33 Ration Balancer, a Forage First<sup>®</sup> vitamin-mineral product, is a key component of the Forage First program. Forage First programs combine good-quality forage, GROSTRONG vitamin-mineral products, and energy-based products, when needed, to produce balanced total rations. With this combination of feeds, horses can be healthy and perform at their best when fed less grain than they would receive from traditional horse rations. Consequently, horses are at less risk of metabolic and digestive disorders that may result from high-starch intake.

## Product Description

GROSTRONG 33 Ration Balancer is a high-quality, pelleted, protein-vitamin-mineral product designed for use in situations where additional protein is needed, especially in rations for growing horses and gestating and lactating broodmares.

### Features

### Benefits

Contains GROSTRONG<sup>®</sup> Minerals

Ensures horses receive 28 major minerals, trace minerals, vitamins, and electrolytes (includes salt) in correct amounts and ratios needed for maintenance, growth, reproduction, and performance.

Complexed organic trace minerals

Complexed mineral sources are more readily available for absorption compared with inorganic sources, which could be crucial to health challenged horses and may also provide health benefits such as skeletal growth, and hoof integrity.

Added Biotin

Support hoof integrity and hair health.

Features and benefits continued on next page.



## Features

## Benefits

*Features and benefits continued from previous page.*

Formulated specifically for horses	Horse nutrient requirements can be specifically addressed, which allows product to be designed to provide the amounts of protein, vitamins, and minerals needed specifically by horses.
100+ years of livestock nutrition research and manufacturing experience	Assures horse owners of commitment to ensuring high-quality products that perform.
Optimum amounts of protein, vitamins, and minerals	Enables horse to reach their genetic potential by providing key amounts of protein, vitamins, and minerals lacking in feedstuffs.
Provides 33% high-quality protein	Ensures essential amino acid needs are met for maintenance, growth, reproduction, and performance.
Provides vegetable oil	Supplies energy; also contributes to hair coat shine and "bloom."
Provides direct fed microbials	Enables more efficient metabolism of nutrients from the foregut, resulting in better nutrient utilization of the entire ration.
Provides Prospanse® yeast	Studies have shown yeast enhances feed palatability, digestibility, and hindgut fermentation.
Portion of vitamin E is natural-source	Protects body tissues from oxidative damages. In this way, vitamin E is vital for protection during health challenges, and may be especially important for working horses as they are more prone to exercise-induced muscle damage. Research shows that natural-source vitamin E is more bio-available than synthetic vitamin E.
Pellet form	Better nutrient digestibility and absorption; easy-to-feed and reduces feed waste.
Highly palatable with addition of apple flavoring	Encourages feed consumption.

## Recommended Consumption

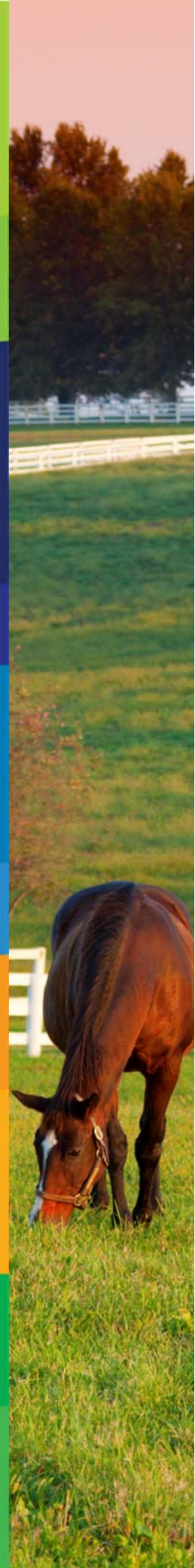
- This product can be fed alone, top-dressed over other feeds or incorporated into the grain mix. (see Feeding Directions).

## Product Form/Packaging

Pelleted form in 50-lb bags (594AAA24).

## Guaranteed Analysis

Crude Protein, Min. ....	33.0 %	Copper (Cu), Min . ....	300 ppm
Lysine, Min. ....	2.1 %	Selenium (Se), Min ..... 3.0 ppm Max.....	4.0 ppm
Methionine, Min. ....	0.8 %	Zinc (Zn), Min. ....	1,000 ppm
Threonine, Min. ....	1.0 %	Vitamin A, Min. ....	38,000 IU/lb
Crude Fat, Min. ....	2.0 %	Vitamin D3, Min. ....	3,000 IU/lb
Crude Fiber, Max ....	6.0 %	Vitamin E, Min. ....	650 IU/lb
Acid Detergent Fiber (ADF), Max ....	7.0 %	Biotin, Min. ....	6 mg/lb
Neutral Detergent Fiber (NDF), Max ....	10.0 %	Lactobacillus acidophilus, Min. ....	12,000,000 CFU/lb
Dietary Starch, Max ....	3.0 %	Lactobacillus casei, Min. ....	12,000,000 CFU/lb
Sugar, Max ....	9.0 %	Bifidobacterium thermophilum, Min. ....	12,000,000 CFU/lb
Calcium (Ca), Min. .... 3.0% Max .....	4.0 %	Enterococcus faecium, Min. ....	12,000,000 CFU/lb
Phosphorus (P), Min. ....	2.0 %	Contains a source of live (viable) naturally occurring microorganisms	





## Ingredients

Dehulled Soybean Meal, Monocalcium Phosphate, Salt, Dehydrated Alfalfa Meal, Calcium Carbonate, Cane Molasses, Wheat Middlings, Magnesium Oxide, Dried Whey, Brewers Dried Yeast (*Saccharomyces Cerevisiae*), Processed Grain By-Products,, Manganous Oxide, Dicalcium Phosphate, Zinc Oxide, Copper Sulfate, Defluorinated Phosphate, Ferrous Sulfate, Potassium Iodide, Cobalt Carbonate, Biotin, Vitamin A Supplement, Thiamine Mononitrate, Vitamin E Supplement, Riboflavin Supplement, d-alpha Tocopheryl Acetate, Calcium Pantothenate, Niacin Supplement, Vitamin D3 Supplement, Vitamin B12 Supplement, Sodium Selenite, Vegetable Oil, Methionine, Zinc Amino Acid Complex, Manganese Amino Acid Complex, Copper Amino Acid Complex, Cobalt Glucoheptonate, Dried *Lactobacillus acidophilus* Fermentation Product, Dried *Lactobacillus casei* Fermentation Product, Dried *Bifidobacterium thermophilum* Fermentation Product, Dried *Enterococcus faecium* Fermentation Product, Extracted Citric Acid Presscake, Natural and Artificial Flavors, L-Lysine.

## Feeding Directions

GROSTRONG® 33 Ration Balancer is designed to be fed combination with a forage. Forage should be offered at 2 to 3 lb per 100 lb of body weight daily. This product can be used as the only feed, a top-dress, or as a mixer pellet for grain mixes. All ration changes should be made gradually over 7 to 10 days. Clean, fresh water and salt should always be available free choice.

- **Maintenance and Light Performance:** Feed 0.05 to 0.15 lb of GROSTRONG 33 Ration Balancer per 100 lb of body weight daily.
- **Moderate Performance and Early Gestation (1<sup>st</sup> and 2<sup>nd</sup> Trimester):** Feed 0.1 to 0.2 lb of GROSTRONG 33 Ration Balancer per 100 lb of body weight daily.
- **Weanlings:** Feed 0.25 to 0.35 lb GROSTRONG 33 Ration Balancer per 100 lb of body weight daily.
- **Yearlings:** Feed 0.2 to 0.3 lb GROSTRONG 33 Ration Balancer per 100 lb of body weight daily.
- **Long yearlings:** Feed 0.1 to 0.2 lb GROSTRONG 33 Ration Balancer per 100 lb of body weight daily.
- **Top-Dress:** For every 1 lb under the recommended feeding rate of our Patriot® or GLO® horse feeds, top-dress with 0.15 to 0.2 lb of GROSTRONG 33 Ration Balancer per 100 lb of body weight daily.
- **Mixer Pellet:** Mix with grains (oats, barley, corn) at a ratio of 1:4 (GROSTRONG 33 Ration Balancer:grain).

**Note:** The vitamin and mineral levels in GROSTRONG 33 Ration Balancer are greater than a traditional feed. Do not exceed the recommended feeding rate. Consult with a veterinarian or ADM nutritionist for a recommended diet.

**CAUTION:** This feed contains copper. Do not feed to sheep or other copper sensitive species. Follow label directions. Feeding added selenium at levels in excess of 0.3 ppm in the total diet is prohibited.

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