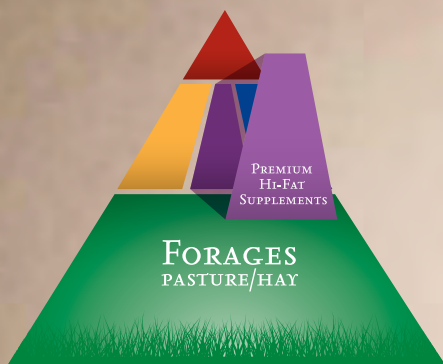


# Premium Hi-Fat Supplements



## Additional Energy Needs

Once a nutritional base of forage, minerals, and vitamins is established in a horse's ration, additional energy needs should be addressed.

### Too Much Starch Creates Problems

Today's elite equine athletes need very specialized rations with all nutrients in the correct proportions if they are to perform at their best. Traditionally, cereal grains have been used to supply horses with extra energy and other nutrients. Unfortunately, feeding too much grain (starch source) can result in metabolic and digestive disorders, such as colic, founder, tying-up, etc., and may contribute to developmental orthopedic disease (DOD).

### Fat

Extensive research has shown that fats provide more energy per pound, are digested more efficiently, and decrease the thermal load in working horses compared to grains. Dietary fat also has a sparing effect on muscle glycogen stores, allowing horses to do more work before tiring.

### A Better Energy Source

A source of energy that does not contribute to metabolic and digestive disorders and DOD is a long-awaited breakthrough for the horse industry. Stabilized rice bran is considered the best source of beneficial dietary fat for horses. The stabilized rice bran is made with a stabili-



zation process that inactivates the lipase enzyme—the enzyme responsible for causing rancidity. This process also maintains the potency of vitamin E and antioxidants naturally occurring in HEALTHY GLO™, a stabilized rice bran product. The result is a highly nutritious product.

### Premium Hi-Fat Supplements

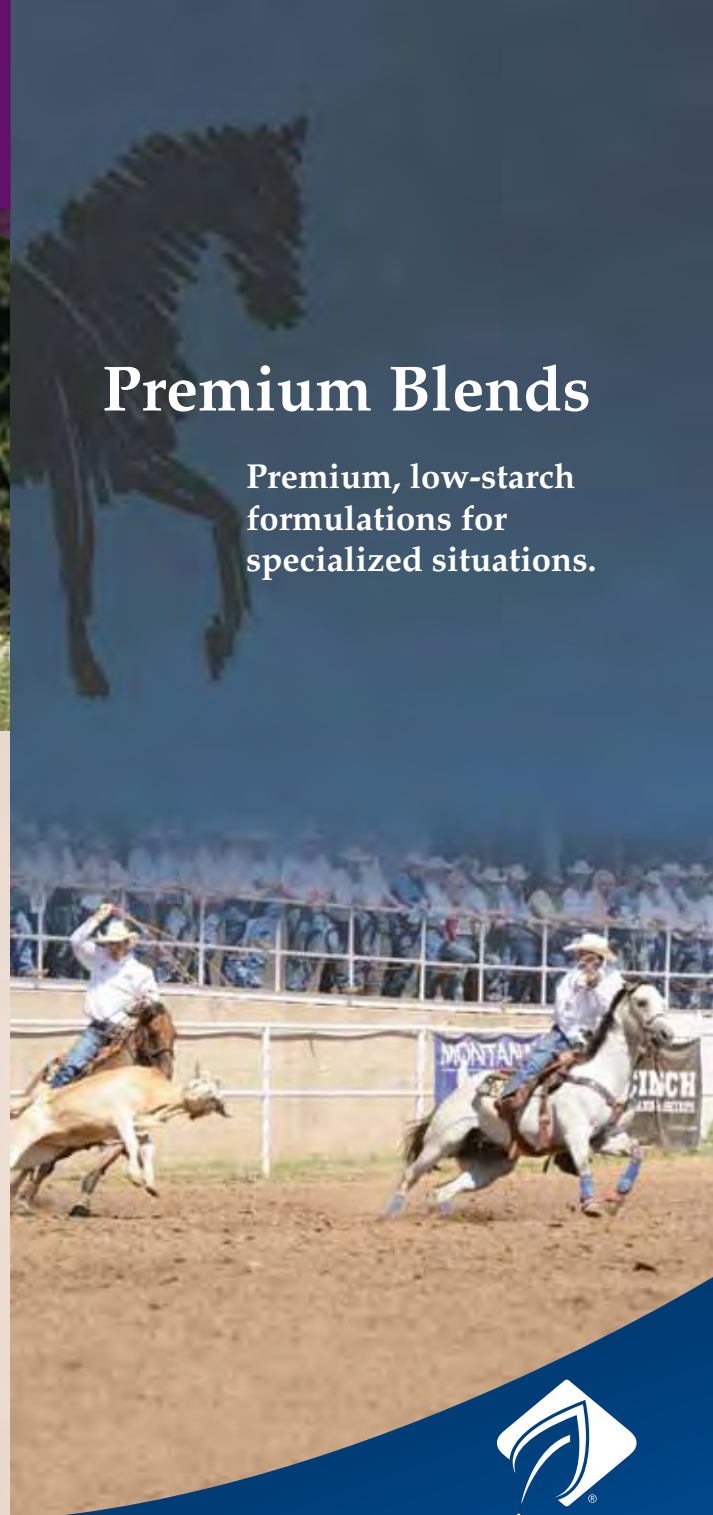
Forage First programs combine good-quality forage, GROSTRONG® vitamin-mineral products, and Premium Hi-Fat Supplements (HEALTHY GLO Nuggets, HEALTHY GLO Meal, and MOORGLO®—a Stabilized Rice Bran and Omega Flax™ Supplement) to produce balanced total rations. With this combination of feeds, horses can 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 and DOD that may result from high-starch intake. Stabilized rice bran is the foundation of ADM's Premium Hi-Fat Supplement products.

*\*Formulated free of starch from whole corn grain.*



Cover Photo: *Clinton Anderson*—Clinician,  
Two-time Road to the Horse Champion, 2008  
NRBC Classic Limited Open Reining Champion

For more info: 800-680-8254 | [www.GROSTRONG.com](http://www.GROSTRONG.com) | [AN.EquineHelp@adm.com](mailto:AN.EquineHelp@adm.com)

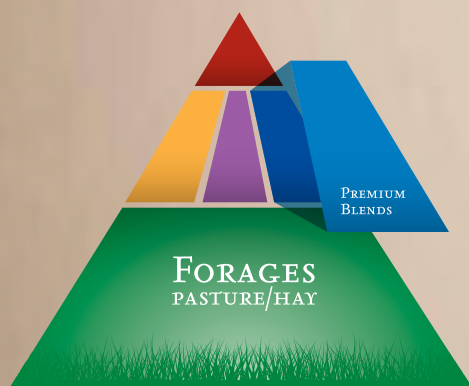


## Premium Blends

Premium, low-starch formulations for specialized situations.



## Premium Blends



*Lynn McKenzie*—  
Two-time WPRA World Champion Barrel Racer  
Two-time WPRA Reserve World Champion Barrel Racer

## FORAGE FIRST® is important for horses.

From a scientific standpoint, horses are classified as non-ruminant herbivores, with digestive tracts designed to best utilize good-quality forages. Substantial research shows that feeding programs relying too heavily on cereal grains, with limited forage, often result in health and performance problems. Forage, a horse's natural feed, should be chosen to meet as much of a horse's protein, energy, and fiber needs as possible. ADM's unique Forage First approach is specifically designed to make it easy to maximize the forage in horse rations.

## Additional Nutrient Needs

### Premium Blends

Premium Blends are formulated by combining stabilized rice bran with other energy, protein, vitamin and mineral sources to produce unique products that are more concentrated, thus lowering the feeding rate in comparison to traditional feeds and supplements. Forage First programs contain good-quality forage, GROSTRONG® vitamin-mineral products, and Premium Blends (JUNIORGLO™, PRIMEGLO™, POWERGLO®, and SENIORGLO®—all containing stabilized rice bran) 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 and DOD that may result from high-starch intake. Stabilized rice bran is the foundation of ADM's Premium Blend products.

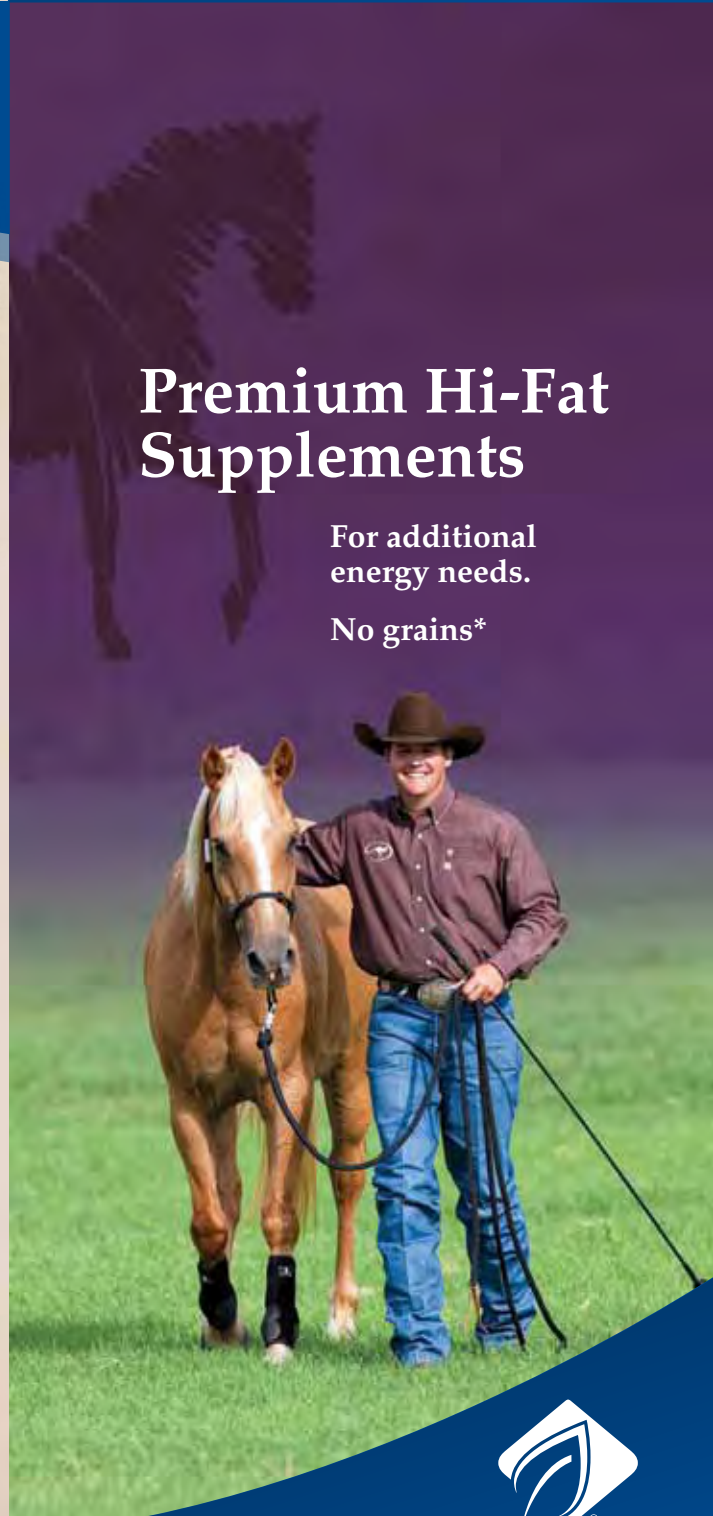
### Advantages of Stabilized Rice Bran as an Energy Source

- Provides 20% fat from natural rice oil—highly digestible energy source provides more energy per pound compared to grains, thus reducing the amount of starch in the diet which can reduce "grain-high attitude," risk of digestive disorders, and thermal load.
- Can be used to enhance body condition of thin horses.
- Contributes to hair coat shine and "bloom."

For additional advantages of stabilized rice bran refer to the Premium Hi-Fat Supplements section.

Cover Photo: *Jake and Clay Smith*—  
U.S. Roping Champion, World Junior Team Roping Champions  
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For more info: 800-680-8254 | [www.GROSTRONG.com](http://www.GROSTRONG.com) | [AN.EquineHelp@adm.com](mailto:AN.EquineHelp@adm.com)



## Premium Hi-Fat Supplements

For additional energy needs.

No grains\*





Equine HELPLINE 800-680-8254  
GROSTRONG.com | AN.EquineHelp@adm.com

### JUNIORGLO™

For safe, rapid growth of young horses  
*Premium Nutrition for Foals,  
Growing Horses, and Broodmares*

**(80955)** JUNIORGLO is a premium feed for foals, growing horses, and broodmares with protein, energy, vitamins and minerals balanced specifically for safe, rapid growth. JUNIORGLO is especially effective in programs for show and sale preparation of weanlings and yearlings. JUNIORGLO contains stabilized rice bran and Omega Flax ground flax seed along with highly digestible fibers from alfalfa and soybean hulls and is low in starch and sugar. JUNIORGLO is also a premium feed for gestating and lactating broodmares. Also contains CitriStim®.

#### Guaranteed Analysis

	Salt (NaCl), min./max. . . . . 0.65% – 1.15%
Crude Protein, min. . . . .	19.0%
Lysine, min. . . . .	1.2%
Crude Fat, min. . . . .	6.0%
Crude Fiber, max. . . . .	20.0%
Calcium (Ca), min./max. . . . .	0.65% – 1.15%
Phosphorus (P), min. . . . .	0.7%
	Copper (Cu), min. . . . . 40 ppm
	Selenium (Se), min./max. . . . . 0.54-0.6 ppm
	Zinc (Zn), min. . . . . 175 ppm
	Vitamin A, min. . . . . 5,000 IU/lb
	Vitamin D <sub>3</sub> , min. . . . . 450 IU/lb
	Vitamin E, min. . . . . 250 IU/lb



### SENIORGLO®

For Youthful Bloom and Condition  
*Premium Nutrition for Mature Horses*

**(10130)** Recent advances in equine medicine and nutrition are making it possible for horses to live longer and more productive lives. Research indicates senior horses may be less efficient at absorbing or utilizing certain nutrients. The specially selected and combined ingredients in SENIORGLO are perfect for meeting the nutritional challenges faced by senior horses.



*AFTER feeding  
SENIORGLO*

*BEFORE*



#### Seize the SENIORGLO Advantage

- Specially formulated—Meets the specialized nutrient needs of older horses, such as increased requirements for protein, phosphorus, B-complex vitamins, and vitamin C.
- Avoid grain overload—Contains stabilized rice bran, soy oil, Omega Flax, soybean hulls, and beet pulp.
- SENIORGLO is formulated free of whole corn or corn starch in order to provide energy without producing symptoms of grain overload typically associated with feeding large amounts of grain.
- Streamlined feeding—Because of its concentrated formula, SENIORGLO is the original senior horse feed that allows horse owners to choose their forage and forage-to-concentrate ratios. For instance, many older horses can still consume some hay and pasture, while others need processed forages, such as hay cubes.
- Ease of feeding—The highly palatable formula and 5/16" soft, easy-to-chew pellets make it easy for senior horses to pick up and consume.
- Contains CitriStim, an ADM proprietary feed ingredient, which is a source of yeast mannans and beta glucans that may favorably impact the gut microbial population.

#### Guaranteed Analysis

	Salt (NaCl), min./max. . . . . 0.85 - 1.35%
Crude Protein, min. . . . .	14.0%
Lysine, min. . . . .	0.7%
Crude Fat, min. . . . .	8.0%
Crude Fiber, max. . . . .	20.0%
Calcium (Ca), min./max. . . . .	0.7 - 1.1%
Phosphorus (P), min. . . . .	0.6%
	Copper (Cu), min. . . . . 30 ppm
	Selenium (Se), min. . . . . 0.6 - 0.72 ppm
	Zinc (Zn), min. . . . . 150 ppm
	Vitamin A, min. . . . . 5,000 IU/lb
	Vitamin D <sub>3</sub> , min. . . . . 550 IU/lb
	Vitamin E, min. . . . . 250 IU/lb

### Carbohydrate Values for GLO Products

	WSC, %	STARCH, %	NSC, %
JUNIORGLO	10.3	7.1	17.4
PRIMEGLO	10.7	5.9	16.6
POWERGLO	9.1	12.1	21.2
SENIORGLO	7.8	9.1	16.9
MOORGLO	8.7	8.7	17.4
HEALTHY GLO NUGGETS	7.8	15.9	23.7
HEALTHY GLO MEAL	8.1	12.6	20.7

WSC—Water Soluble Carbohydrates, NSC—Non-Structural Carbohydrates (Starch + WSC = NSC)

### HEALTHY GLO™ Nuggets

**(81064)**

- Provides concentrated energy (20% fat from natural rice and flax oils)
- Added natural-source vitamin E
- Provides Omega Flax™ for Omega 3 essential fatty acids
- Provides healthful B-complex vitamins
- Delicious flavor
- Extruded pellet form is easy to measure and less wasteful
- Economical 40-lb bag



Must be fed with a GROSTRONG Minerals product.

#### Guaranteed Analysis

Crude Protein, min. . . . .	13.00%	Acid Detergent Fiber, max. . . . .	10.0%
Crude Fat, min. . . . .	20.00%	Neutral Detergent Fiber, max. . . . .	28.0%
Crude Fiber, max. . . . .	8.00%	Vitamin E, min. . . . .	1,000 IU/lb

### HEALTHY GLO Meal

**(81086)**

- Provides the same ingredient features as HEALTHY GLO Nuggets with the exception that the meal form provides more energy (25% fat from natural rice and flax oils)
- Meal form facilitates mixing with other supplements also in meal form
- Economical 20-lb pail



Must be fed with a GROSTRONG Minerals product.

#### Guaranteed Analysis

Crude Protein, min. . . . .	14.00%	Acid Detergent Fiber, max. . . . .	10.0%
Crude Fat, min. . . . .	25.00%	Neutral Detergent Fiber, max. . . . .	28.0%
Crude Fiber, max. . . . .	8.00%	Vitamin E, min. . . . .	1,000 IU/lb

### MOORGLO®

**(Stabilized Rice Bran &  
Omega Flax™ Supplement)**  
**(11083)**

Provides all the advantages of stabilized rice bran plus . . .

- Provides energy (18% fat) from stabilized rice bran, soy oil, and Omega Flax
- Balanced 1:1 calcium to phosphorus ratio
- Natural-source vitamin E (500 IU/lb)
- Provides Proponse® yeast supplement for better feed digestibility
- Palatable formula encourages feed consumption
- Pelleted form is easy to feed and less feed waste occurs
- Limited starch formula is ideal for horses prone to digestive disorders
- Unique composition of fiber provides energy in a highly digestible, fermentable form
- Economical 40-lb package size



Must be fed with a GROSTRONG Minerals product.

#### Guaranteed Analysis

	Calcium (Ca), min./ max. . . . . 0.8% - 1.3%
Crude Protein, min. . . . .	14.0%
Crude Fat, min. . . . .	18.0%
Crude Fiber, max. . . . .	14.0%
	Phosphorus (P), min. . . . . 0.9%
	Vitamin E (natural source), min. . . . . 500 IU/lb

### POWERGLO®

For Serious Horse Power  
*Premium Nutrition for Elite  
Performance Horses*

**(120)** Elite performance horses require precisely balanced feed programs to achieve their full potential. POWERGLO complements good-quality forage to maximize nutrition for optimum performance. POWERGLO's concentrated vitamin and mineral fortified formula is the perfect combination of vegetable fats, digestible fibers, and starch for elite performance horses. It provides energy from stabilized rice bran, soy oil, and Omega Flax (source of Omega 3 essential fatty acids).

#### Get the POWERGLO Advantage

- Specially formulated for race, barrel and performance horses—Wheat germ with octacosanol, stabilized rice bran, soy oil, and Omega Flax for optimum performance.
- Concentrated—Provides energy in a form that decreases the risk of musculoskeletal and digestive disorders (colic, founder, tying-up) associated with high-starch (grain) intake.
- Soft pellets—Better digestibility and absorption.
- Highly palatable—Readily accepted by working horses, growing horses, and breeding horses.
- Provides nutrients for hair coat and hooves—Attractive shine and “bloom” in hair coat; strong, healthy hooves.

#### Guaranteed Analysis

	Salt (NaCl), min./max. . . . . 1.0 - 1.5%
Crude Protein, min. . . . .	13.0%
Crude Fat, min. . . . .	12.0%
Crude Fiber, max. . . . .	18.0%
Calcium (Ca), min./max. . . . .	1.5 - 2.0%
Phosphorus (P), min. . . . .	0.65%
	Copper (Cu), min. . . . . 30 ppm
	Selenium (Se), min. . . . . 0.6–0.7 ppm
	Zinc (Zn), min. . . . . 150 ppm
	Vitamin A, min. . . . . 8,300 IU/lb
	Vitamin D <sub>3</sub> , min. . . . . 1,500 IU/lb
	Vitamin E, min. . . . . 250 IU/lb



#### FEEDING RECOMMENDATIONS (per horse daily)

Class of Horse	HEALTHY GLO Nuggets		HEALTHY GLO Meal	MOORGLO
	Alfalfa/ Alfalfa-Grass	Grass		
<b>Weanling</b> (plus protein supplement)	2 oz/100 lb body weight	3 oz/100 lb body weight	2 oz	3 oz/100 lb body weight
<b>Yearling</b> (plus protein supplement)	2 oz/100 lb body weight	3 oz/100 lb body weight	2 oz	3 oz/100 lb body weight
<b>Two and three-year-olds</b> Not in training In training	0.75 lb 1 lb	1 lb 1.5 lb	2-4 oz 3-5 oz	1.5-2 lb 2-3 lb
<b>Mature horse</b> (based on 1,000 lb horse) Not in use Light use Heavy use (training for competition, etc.) Extreme use (endurance, eventing, racing, etc.)	0.5 lb 1 lb 1.5 lb * *	1 lb 1.5 lb 2 lb * *	2-4 oz 4-6 oz 6-8 oz 10-16 oz	1-2 lb 2-3 lb 3-4 lb *

These feeding directions are guidelines only. Monitor and adjust according to individual needs. HEALTHY GLO and MOORGLO are high-energy supplements, and should be fed in addition to a fully fortified equine vitamin and mineral. All of the horse's vitamin and mineral requirements can be met when feeding up to 3 oz of GROSTRONG Minerals for Horses.

\*For horses in extreme use call 800-680-8254 for feeding recommendations.

In most situations when using HEALTHY GLO or MOORGLO products where alfalfa is the main forage source, additional grain products can be reduced by 75% to 100%; where grass is the main forage source, additional grain products can be reduced by 50% to 100%.