



**PRODUCT OVERVIEW**  
Animal Nutrition





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ADM Pen Pals Rabbit  
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ADM Animal Nutrition



MoorMan’s ShowTec

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**Building world-class  
nutrition with you.**

## Animal Nutrition

# PRODUCT OVERVIEW

### Global Leader in Animal Nutrition

ADM provides high-quality, sustainable animal nutrition solutions that meet your changing needs. With experienced ruminant specialists and nutritionists, a continuously growing product portfolio and access to global innovations, we work with you to advance nutritional performance and develop solutions to drive success today and tomorrow.

### Experience Support Teams at the Local Level

From our hands-on specialists, nutritionists and researchers, we bring the support to you. Our ADM team works side by side with you to develop individualized nutritional solutions and feeding programs that focus on efficiency and profitability for your operation.

### Solutions That Work for You

No two programs are alike. That's why ADM provides the most complete portfolio of products to meet your needs. With extensive ingredient options and an expansive network, our solutions-based approach means every program is tailored to drive peak nutritional performance.

### Proven Applications for Animal Performance

At ADM, we leverage our extensive global network of 140 team members focused on R&D to bring new learnings to local markets. Our commitment to the development and advancement of feeding solutions is evident in our investment of 13 research facilities and over 40 university partnerships around the world.

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## Range / Grazing

ADM's grazing beef product lines are the nutritional architects for building better performance for cattle on forage-based diets. These products are ideally suited for any cattle on pasture or range . . . from brood cow herds to stockers to herd

replacement breeding stock. ADM feed products enable cattle to obtain more nutrients from forages consumed and provide the nutrients forages lack. The payback is more productivity from readily available forage.

### Range Mineral Offering



#### AMPT™

4 oz weatherized mineral  
Rumen bypass - Copper, Manganese, Zinc  
Rumen soluble Cobalt  
Highly palatable Magnesium  
No added Potassium  
Most consistent intake



#### MoorMan's®

2 oz weatherized mineral  
Rumen bypass - Copper  
Rumen soluble Cobalt  
Targeted intake  
Best cost per head per day



#### MasterGain®

4 oz weather resistant mineral  
Rumen bypass - Copper  
Highly diversified offering  
Traditional mineral program

#### Seasonal Minerals

4 oz mineral  
Highly palatable  
Straight-forward program

## Feedlot / Confinement

### Growing and Finishing beef feeding programs

For growing and finishing cattle performance, protein nutrition can impact profitability. Multiple options are available from ADM to supply protein and minerals needed by confined cattle – from multi-purpose supplements for feeding to cattle in confinement or on pasture and supplying a solid base of protein, macro/trace minerals and vitamins to meet virtually any need, to utilizing whole-shelled corn feeding programs, to focusing on balancing amino acids in high-concentrate diets where the focus is truly on “gain.”

#### MasterPlex™

MasterPlex Beef Feedlot Mineral products are mineral-vitamin supplements formulated to complement traditional or co-product diets for feedlot cattle. These products provide the minerals and vitamins needed to support efficient gains and are designed to be incorporated into total mixed rations (exception if the block form).

#### AMPT™

AMPT (Advanced Mineral Performance Technology) Co-Product Balancers are targeted mineral supplements that

### Range Protein Offering:



#### Roughage Buster®

1/4 to 1 1/2 pound intake  
Unique protein source from Biuret - a safer NPN  
Rumen bypass - Copper, Manganese, Zinc  
Rumen soluble Cobalt  
Highly palatable Magnesium



#### Mintrate®

1/2 to 3 pound intake  
Unique blend of natural protein  
Include Biuret - a safer NPN  
Rumen bypass - Copper, Zinc  
Rumen soluble Cobalt

### OPTIMIZER

#### Optimizer

1/2 to 2 pound intake  
Lower protein supplements - no NPN options  
Higher energy to protein ratio  
Rumen bypass - Copper  
Rumen soluble Cobalt  
Highly diversified offering

#### Other Protein Supplements:

1 to 3 pound intake  
Higher energy options  
Basic nutritional offering

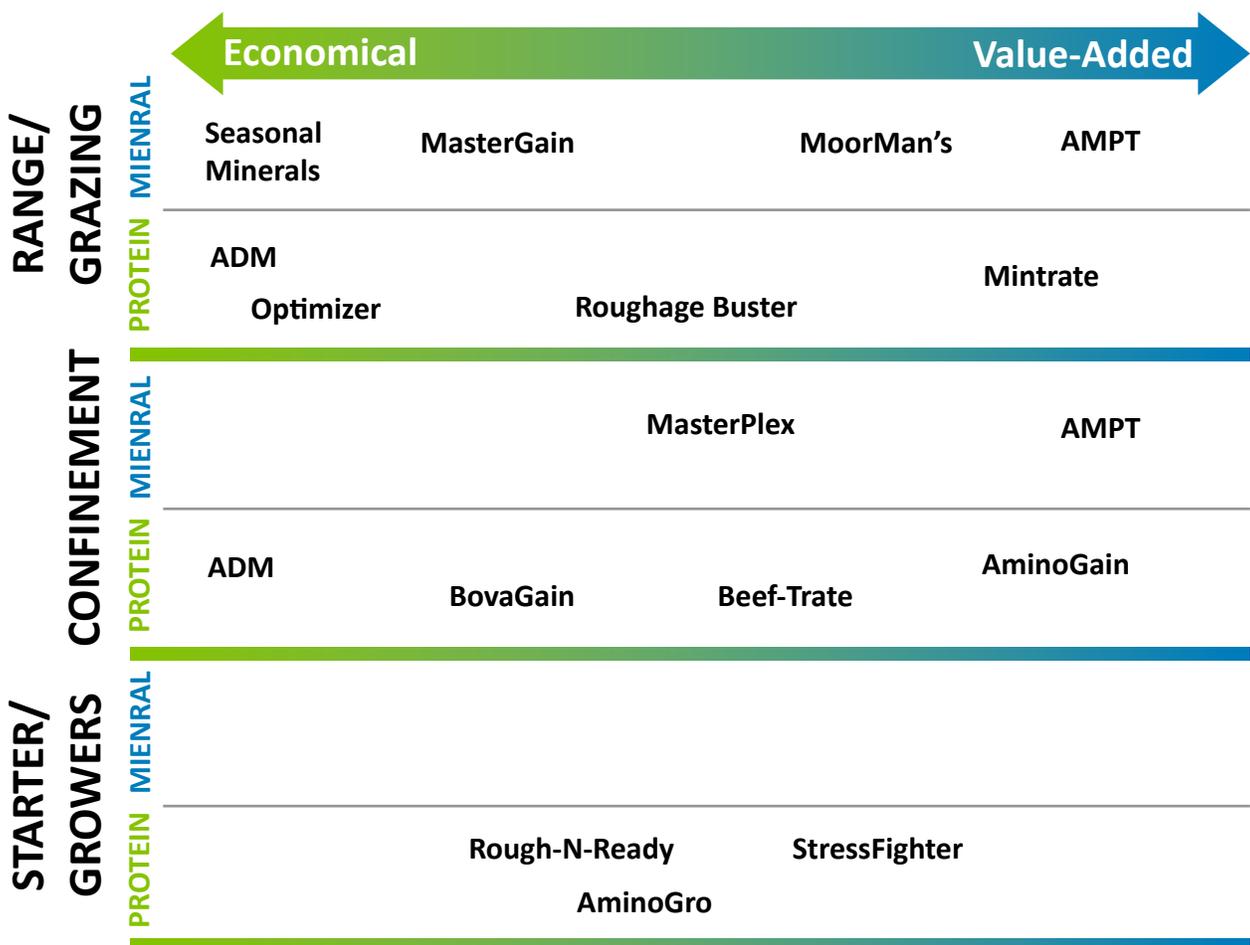
provide only the minerals and vitamins in the optimum amounts and ratios that benefit cattle. AMPT's distinctive mineral sources were selected based on achieving precision, balance, and the ability to deliver the best mineral nutrition in a ration.

#### AminoGain®

AminoGain products are protein-mineral-vitamin supplements designed to be mixed into rations for growing and finishing cattle. These products utilize AminoGain technology and are formulated to balance amino acids in high-concentrate diets typically fed to growing and finishing cattle in feedlot settings. AminoGain manifests genetic expression by balancing amino acids in specific ratios based on animal requirements, optimizing rumen fermentation for maximum microbial protein production, creating greater profit potential.

#### BovaGain®

BovaGain products are protein-mineral-vitamin supplements formulated to complement diets for feedlot cattle. These products provide the protein (including NPN for most BovaGain products), minerals and vitamins needed to support efficient gains and are designed to be incorporated into total mixed rations.



**Beef-trate®**

Beef-trate products are protein-mineral-vitamin supplements formulated to complement diets for feedlot cattle. These products provide the protein (primarily NPN from biuret), minerals and vitamins needed to support efficient gains and are designed to be incorporated into total mixed rations.

**Starter / Arrival / Growers**

**Beef Arrival**

Get calves off to a strong start at weaning or during the arrival phase. Low feed intakes can lead to inadequate protein, energy, mineral, and vitamin status in calves, which can contribute to health problems and poor performance. ADM Animal Nutrition's Starter/Arrival products are formulated with these factors in mind, assuring adequate nutritional supplementation in highly palatable forms. Proper nutrient balance along with stimulating intake is critical to maintaining cattle health and promoting performance in these animals.

**Beef Creep**

ADM creep feed products and program advantages include several benefits to the animal, the owner and the operation. ADM programs are designed to achieve maximum calf growth potential and at the same time enhance carcass quality. Formulated and fed correctly, creep feeds help achieve shorter

weaning stress periods by providing highly palatable feed to encourage intake. The results are faster starts in the feedlot arrival phase, increased stocking rates, and the flexibility to fit into economic feeding programs and goals.

**ICON™ Supplement**

Supplement targeted for intensive management (breeding herd development, artificial insemination and embryo transfer) and high stress situations (weaning/receiving)

**Rough-N-Ready™**

Rough-N-Ready products are high-quality creep feeds that provide protein, energy, minerals, and vitamins in a highly palatable, pelleted form for feeding to calves as a supplement to cow's milk and grazing of forages. Rough-N-Ready provides the nutrients needed by calves to achieve optimal and efficient growth.

**Stressfighter®**

Stressfighter products are high-quality, preconditioning/receiving products for weaned and arrival calves.



## The Dairy Solutions® Program Improving the Dairy Producer's Bottomline

When you choose ADM and Dairy Solutions products for your dairy customers, you are also getting the Dairy Solutions Team of professionals. With years of expertise in dairy herd nutrition and management this highly trained team of Dairy Specialists and technical support staff are ready to assist you in providing unparalleled service to your dairy customers. Combining this with tools such as the ADIFO ration balancing and RationFlex; farm-specific formulation programs, and research-proven products, you get Dairy Solutions you can count on.

**DairySolutions®**  
Improving your bottom line.

ADM's Dairy Solutions Value Proposition focuses on three crucial areas involving today's dairy herd operations . . .

- Maximizing milk margin
- Optimizing health and reproduction
- Achieving sustainability

ADM Animal Nutrition offers you resources, products and ingredients, all supported through continued industry investment in feed manufacturing facilities, research and development, and value-based solutions that include:

- Diverse portfolio of nutritional and animal health programs for all phases of dairy production
- On-farm herd consultation and services
- RationFlex<sup>SM</sup> farm-specific formulations
- Feed risk management programs
- Commodity procurement program
- ADM Specialty Ingredients including CitriStim<sup>®</sup> – An ADM proprietary feed ingredient that may favorably impact the gut microbial population and body defense mechanisms, NutriPass-L-providing an encapsulated lysine source to balance dietary amino acids, Thermal Care<sup>™</sup> –Utilizes unique, specially selected, research-tested compounds proven to help alleviate heat stress in high-producing dairy cows, RumeNext<sup>®</sup> – Specially-selected plant extracts that provide a proven technological solution to alter rumen fermentation for favorable production responses, Prospanse<sup>®</sup> MAX Yeast – For feed palatability and digestion.

### DAIRY CALF - Nurstrate, LegenDairy & Sweet Unique Programs

The complete line-up of ADM Animal Nutrition<sup>™</sup> Calf Milk Replacers, Starters and Growers offers a unique combination of superior manufacturing, high-quality ingredients and ADM proprietary feed technologies to help your herd replacements achieve their full genetic potential.

### Nurstrate® Milk Replacers

are formulated with the highest quality ingredients and technological advancements, including SI Inside<sup>SM</sup>, providing calves with the foundation needed for growth, health and efficient performance.

**NURSTRATE®**

### LegenDairy™ Calf Starters and Growers

are highly fortified, pelleted, complete grain-based feeds that include advanced ADM technologies and precise nutritional balance to fuel efficient growth and support health in meeting heifer replacement needs. The LegenDairy program is formulated for optimal rumen development and to provide key nutrient sources for efficient, structural growth and include SI Inside<sup>SM</sup> technology.

**LEGENDAIRY**

### Dairy Solutions® Sweet Unique™ Calf Starters and Growers

are complete, grain-based, "sweet," pelleted feeds that offer an extremely palatable alternative to traditional sweet, texturized feed. Sweet Unique feeds are produced using ADM's patented cold pelleting process that helps retain freshness, palatability and condition better than traditional sweet feeds. Sweet Unique feeds include SI Inside<sup>SM</sup> technology.

**Sweet Unique**

### SI Inside<sup>SM</sup>

ADM's SI Inside is a specific, advanced blend of carbohydrates, prebiotic starch, natural-source vitamin E, complexed (organic) trace minerals, and natural botanicals. One of the beneficial components of SI Inside is an ADM proprietary feed ingredient, a proven, truly unique whole-cell inactivated yeast product, that may help the animal strengthen its defense against health challenges by supporting and optimizing gut function, gut integrity, and body defense responses, strengthening production.

### DAIRY HEIFER DEVELOPMENT

#### LegenDairy™ Heifer Development Program

During the transition from growing calf to first-calf heifer, it is critical to provide the right amounts and balance of nutrients to ensure top growth and reproductive performance which will lead to better overall lactation performance. LegenDairy Heifer Development products provide the nutritional platform to move heifers into the lactating herd as efficiently as possible.

**LEGENDAIRY**

#### Destiny™ Dry and Transition Cow Program

The dry period is a dynamic time of mammary tissue regeneration, fetal calf growth and hormonal changes, not simply a time of maintenance and convalescence. The Destiny Dry and Transition Cow Program provides a comprehensive portfolio of products developed with the latest in dry cow nutritional technology and is designed to meet the precise nutritional requirements essential to gear dairy cows up for peak performance. The Destiny program is designed to fit specific dry cow management and nutritional strategies from

**DESTINY**



conventional dry and transition programs to DCAD-based and low-calcium strategies. It is also designed to improve calcium homeostasis to help alleviate hypocalcemia.

**DAIRY LACTATION**

**RationFlex<sup>SM</sup> Program**

Dairy Research is the Foundation of ADM Lactation Programs. ADM Animal Nutrition utilizes many avenues of research to develop state-of-the-art lactation products and programs. ADM dairy research utilizes bench top laboratory (in vitro), in situ (cannulated cow), commercial dairy operations and university studies. We believe this comprehensive approach combining both scientific review and on-farm performance measurement provides lactation products of relevance to our customers.

The RationFlex Program provides farm-specific customization to the dairy industry. RationFlex enables our field staff to provide farm-specific diet formulation, appropriately balanced around dairy producers' homegrown grains, forages and commodities. This in concert with the use of ADM's proprietary amino acid, fat and nutrient excretion models, provides an optimal balance of all nutrients.

**Allure<sup>TM</sup> Robotic Feed Program**

The use of robotic milking systems is on the rise. Labor needs, labor cost and quality of life considerations are major factors accelerating the conversion to robotic milking. At ADM Animal Nutrition<sup>TM</sup>, we're committed to delivering the very best nutrition in a robotic milk system feed to allure animals to the system and balance the partial TMR. The Allure Program is formulated to promote optimal pellet acceptance while ensuring pellet durability; both critical factors in transitioning cows into a robotic milking system for optimal performance.



**Fortress<sup>TM</sup> Dairy Mineral Program**

Vitamin and mineral nutrition is critical to the dairy animal. From optimizing production and reproductive efficiency to immune support and disease resistance, the appropriate mineral balance and bioavailability of sources provided is important. The Fortress Dairy Mineral Program provides a comprehensive line of minerals developed with high bioavailable inorganic mineral sources, delivered in the correct proportions and formulated with the flexibility to meet the unique needs of the high producing dairy cow.



**Fortress Certified-Organic Dairy Mineral** products are specifically manufactured for dairy cows producing milk under organic regulations and management practices utilizing approved ingredients and processed under organic manufacturing certification. Fortress Certified-Organic Dairy Mineral products provide optimal nutrition to dairy cows and heifers.



**DAIRY BEEF**



**Gro Fast<sup>®</sup> Dairy Beef Program**

ADM Animal Nutrition's Gro Fast Dairy Beef Program is formulated to attain desirable carcass traits through efficient daily gains and feed conversion. The research, formulation and testing of Gro Fast products are instrumental in Gro Fast's feedlot success. The Gro Fast Program approach to feeding your dairy beef hinges on efficiency . . . maximizing the dairy steer's ability to gain quickly and efficiently . . . turning dairy beef into profit! From birth to market, you can trust the Gro Fast Program to deliver Choice beef because the Gro Fast Program meets consumers' grade Choice beef demand.

**FORAGE PRESERVATIVES**

**ADM Forage Preservative Program**

The foundation of your herd's nutritional program is your forage base. Optimizing forage quality results in less out-of-pocket feed costs and helps maximize animal productivity. ADM provides a wide array of silage preservative products to help meet key production objectives. ADM offers two premier lines of forage preservatives; Ecosyl<sup>®</sup>\* (from Volac International Limited) and International Stock Food (ISF) products to include both bacterial and oxygen scavenging technology.

*\*Trademarks of Volac International Limited.*





# FORAGE FIRST®

EQUINE NUTRITION

At ADM Animal Nutrition™, we believe in feeding horses the way nature intended. Our Forage First® philosophy is supported by over 100 years of history in each bag. Every day, we source the cleanest, most nutritious and digestible ingredients for our Forage First feeds so you can feed the very best to the one you love the most.

### What is the Forage First Philosophy?

At ADM Animal Nutrition we believe horses should be fed the way nature intended, with large amounts of forage making up the majority of the diet. That is why we always put Forage First. We also understand that today's equines require more than forage can provide (no matter how good). That is where the ADM Forage First products come in. Designed to provide the essential nutrients that are lacking in forage, ADM products can meet the needs of your equine partner without loading them up on the unnecessary things their bodies can't use. Feed Forage First, feed ADM, feed the way nature intended.

### GROSTRONG®

With over 100 years of history in each bag, the GROSTRONG line provides the essential nutrients your horse needs with low starch and sugar to complement forages and grains. The perfect line for horses with metabolic issues. The design of these feeds allows horses to reach their performance potential in the arena, on the rail, or the trail without the excess.

**GROSTRONG Minerals** – Provides 28 minerals and vitamins (including biotin, Natural-source Vitamin E and salt) to complement forages and grains.

**GROSTRONG Metabolic Mineral Pellets** – Built upon the rock-solid foundation of GROSTRONG Minerals and enhanced with direct fed microbials, Prospanse™ brewers dried yeast, and CitriStim®.

**GROSTRONG 33 Ration Balancer** – Provides the necessary amino acids, minerals, and vitamins, then enhanced with direct fed microbials, Prospanse brewers dried yeast, and CitriStim. to complement forages and grains.

**GROSTRONG Ultra-Fiber™** – a controlled-starch, vitamin-mineral, pelleted feed with added energy and amino acids suitable for all classes of mature horses.

**GROSTRONG PRO-VITA-MIN™ 20-5 Tub** – The easy choice for supplementing protein, minerals, and vitamins free-choice to horses on pasture or range.

### GLO

**JUNIORGLO®** – Ultra-premium feed for foals and growing horses with protein, energy, vitamins, and minerals balanced specifically for safe, optimal growth.

**PRIMEGLO®** – Ultra-premium feed with the perfect combination of fats and digestible fibers for pleasure and trail horses.

**POWERGLO®** – Ultra-premium feed for mature horses, including moderate to heavy workloads or situations where additional calories are needed to maintain body condition.

**SENIORGLO®** – Ultra-premium, soft-pelleted feed for senior horses, broodmares, and adult horses.

## Supplements

**Inside Tract™** – Nutritional support for gastrointestinal health and to provide support needed during stress.

**ACES™** – Amino acid (includes essential and branch chain amino acids) supplement for all ages and performance levels. Supports optimal muscle quality. Use in sale prep, for extra stamina, or to help enhance muscle quality.

**Cellarator® Turbo Paste** – Unique 3-in-1 fast-acting oral paste that combines probiotics, electrolytes, and vitamin E to support performance, deter dehydration, and provides nutritional support needed during stress.

**Forage First® Summer Care** – A blend of Thermal Care™, Cell Rate®, Garlium, and CitriStim® designed to support horses of all ages and life stages during the hot summer months.

**Forage First GS** – A triple action blend of unique ingredients clinically tested to promote a healthy gastric environment and neutralize stomach pH.

**HEALTHY GLO®** – Concentrated calories from stabilized rice bran and ground flax seed for replacing some or all of the grain in typical horse rations for reducing risk of digestive and metabolic disorders. Available in nugget or meal form.

**MOORGLO®** – Concentrated calories from stabilized rice bran, vegetable oils, and ground flax seed, formulated to help add body condition and contribute to hair coat shine and bloom.

## Patriot®

Patriot Feeds are formulated with today's performance horse in mind. Patriot utilizes GROSTRONG® Minerals, multiple sources of high-quality protein, quality grains, highly digestible fiber sources, added vegetable fats, and direct fed microbials to provide balanced nutrition. With this combination, horses can be healthy and perform at their best with less risk of metabolic and digestive disorders.

**Patriot Performance** – Designed for mature performance horse, working horses and broodmares.

**Patriot Mare & Foal** – Designed for gestating and lactating broodmares and foals up to 18 months of age.

**Patriot Feed Easy® Complete** – Complete pelleted forage-feed mix, an ideal product to use when forage supplies are scarce or of inferior feeding value. Suitable for mature horse, working horses, and broodmares.

**Patriot Quick Performance™** – Specifically formulated for mature, athletic horses that need a more calorie dense feed with quicker release of glucose.

**Patriot Senior Complete** – Easy-to-chew pelleted feed formulated to meet the special nutrient needs of senior horses.





**Pen Pals® Backyard Poultry Feeds**

**Feed for wholesome, healthy and stress-free birds**

Pen Pals poultry feed products are reliable choices for your backyard flock. The Pen Pals brand is supported by well over 100 years of feed formulation history. Pen Pals formulated feeds always covers the essential needs of nutrition for chicks, pullets, layers and broilers (plus turkeys, ducks and geese!) with wholesome, natural-sourced ingredients to promote healthy, productive birds. Specialty ingredients in Pen Pals Backyard Poultry Products benefit your backyard flock.

With Pen Pals poultry feeds, it's.....  
**Proven Performance with a Wholesome Choice.**



**Starter-Grower**

The success of any layer flock begins and depends upon raising pullets the right way. A properly developed pullet will always outperform a poorly raised pullet. It is extremely important for you to feed your birds correctly, starting the first day they arrive and right on through the laying cycle.

**Pen Pals Chicken Starter-Grower (70009)**

*A complete feed for starting and growing pullets*

- Highly digestible, 18% protein and 3% fat
- Available without medication or with amprolium and bacitracin (prevents coccidiosis)
- Crumble; 50-lb bag or 5 x 5-lb bags (case)

**Broilers**

Efficient start-to-finish broiler production begins with effective start-to-finish feeds for meat-type birds. Pen Pals broiler feeds are formulated to allow birds to efficiently develop strong, healthy bodies to permit maximum meat production after maturity.

**Pen Pals Meat Maker (70012)**

*A complete feed for finishing broilers, turkeys, ducks and geese from starting (brooding) through finishing*

- No additional grain, protein, mineral or vitamin sources are needed
- Highly digestible, 21% protein and 5% fat
- Medicated option available (amprolium and bacitracin)
- Crumble; 50-lb bag or 5 x 5-lb bags (case)

**Customer Rewards Program**



### Laying

Maintaining a laying flock provides the wholesome goodness and security for you and for others in knowing how and what is being used to produce eggs. Pen Pals® poultry feeds are safely formulated to allow birds to efficiently develop strong, healthy bodies permitting maximum egg production after maturity has been reached.

#### Pen Pals Egg Maker Complete (70010)

*A complete feed for laying hens*

- Highly digestible, 16% protein and 3% fat
- Non-medicated feed containing high-quality grain sources, multiple protein sources and needed minerals and vitamins to encourage maximum egg production
- Pellet; 50-lb bag or 5 x 5-lb bags (case)

#### Pen Pals Egg Maker Balancer (70011)

*A supplement for laying chickens*

- Designed to provide the nutritional needs of domestic layers in production when fed with good-quality scratch grains in a 1:1 ratio and free-choice oyster shell (limestone)
- Highly digestible, 20% protein and 3% fat
- Pellet; 50-lb bag

#### Pen Pals Egg Maker Concentrate (80101)

*A supplement for pullet starter, grower and layer chickens*

- Designed to meet the complete nutritional needs of starting and growing pullets and domestic layers when mixed with grain and limestone and fed according to directions
- Highly digestible, 38% protein and 3% fat
- Follow mixing directions for blending Egg Maker Concentrate with grain and limestone to make pullet starter and grower rations, plus 18%, 17%, 16% or 15% layer rations
- Crumble or meal; 50-lb bag

#### Pen Pals Feather Maker™ (70744)

*A complete feed for poultry that supports feather regrowth*

- Designed to meet the complete nutritional needs of hens specifically during molting and feather regrowth
- Highly digestible, 18% protein and 3.5% fat
- Also supplies probiotics, selenium yeast, and Marigold extract
- Mini-pellet; 50-lb bag

### Youth Awards Program

ADM Pen Pals is proud to support youth exhibitors who participate in showing. Awards are given to The Ohio National and APA shows, State Fair, and County Fair winners who feed Pen Pals.



#### Scratch Grains (80181)

*An all-purpose grain mix for poultry*

- Designed to be fed with poultry supplements to make complete rations for laying hens
- Comprised of a loose mixture of coarsely cracked corn, whole milo and whole wheat
- 7% protein, 2.5% fat and no more than 4% fiber
- Ideal for use with Egg Maker Balancer (70011) in a 1:1 ratio
- If Scratch Grains are fed with Egg Maker Complete (70010), limit Scratch Grains to less than 10% of the daily diet
- Feed 0.125 lb/laying hen/day along with Egg Maker Balancer and free-choice oyster shell
- Meal (loose grain mix); 50-lb bag

#### Pen Pals Poultry Scratch Block (70741)

*A supplement for poultry (adult broilers and layers) and for game birds*

- Designed to be fed free-choice as a supplement to the ration for adult broilers, layers and game birds
- Ideal for supplementing the diet of confined, adult birds
- Comprised of wholesome, high-quality grains (coarsely cracked corn, whole sorghum milo and whole wheat) and balanced sources of minerals and vitamins
- 7% protein, 2.5% fat, no more than 4% fiber and 3.25-4.25% calcium
- 25-lb block



**Pen Pals® Rabbit Feeds**

Pen Pals rabbit feeds are ideal for both growing your bunnies and for developing and maintaining your breeder does and bucks. The Pen Pals brand is supported by well over 100 years of feed formulation history. It's as simple as providing good nutrition that allows for good health to achieve the best experience in raising rabbits.

Whether you are feeding and raising rabbits for pleasure, business or show, Pen Pals complete rabbit feeds are available in multiple choices of high-quality products whose specific formulas to make feeding your rabbits easy, effective and enjoyable.



Formulated with Thermal Care™ a patent-pending technology that utilizes unique, specially selected research-tested compounds to help rabbits cope with heat stress.

**Youth Awards Program**

ADM Pen Pals is proud to support youth exhibitors who participate in showing. Awards are given to National, State Show, State Fair, and County Fair winners who feed Pen Pals.



**Pen Pals Professional Show Rabbit (81657)**

*A specially fortified complete feed for growing and breeding show rabbits*

- Specially fortified, alfalfa-based feed that meets the unique, supplemental nutrient needs of show rabbits
- 16% protein, 3.5% fat and 17.5-22.5% fiber

**Pen Pals Professional Rabbit 18 (80033)**

*A complete feed specially fortified for rabbits requiring higher nutritional levels*

- Specially fortified, alfalfa-based feed for rabbits requiring higher nutritional levels in feed, which include does producing 6 or more litters yearly, show rabbits, fryers grown for maximum rates of gain and efficiency, Angora and other fiber-producing breeds
- 18% protein, 3% fat and 16.0-19.2% fiber

**Pen Pals Professional Rabbit 16 (80034)**

*A specially fortified complete feed for growing and breeding rabbits*

- Specially fortified, alfalfa-based feed for use by the commercial breeder, show competitor or those who just enjoy raising rabbits
- 16% protein, 3% fat and 17.0-21% fiber

**Pen Pals Rabbit Pellets (80036)**

*A complete feed for growing and breeding rabbits*

- Nutritionally complete and balanced alfalfa-based feed meets needs of the average rabbit
- 15% protein, 2.5% fat and 17.5-21.0% fiber



### **Proud Paws® Dog and Cat Food**

Essential nutrition to meet your companion's needs at every life stage

Keep pets nutritionally fit with Proud Paws Dog and Cat Food products. These economical, nutritionally complete and balanced foods are designed for all life stages of pets.

Proud Paws Dog and Cat Food products are formulated by professional nutritionists to meet or exceed the nutritional requirements established by the American Association of Feed Control Officials (AAFCO) for all life stages of the dog or cat.

Ingredient quality and the latest in nutritional technology are major considerations in developing Proud Paws formulas, and ingredients must provide essential nutrients in a highly digestible form.

#### **Proud Paws 32/11 Cat & Kitten Food**

Scientifically formulated to meet the nutritional requirements for all stages of a cat's life, including growing kittens

#### **Proud Paws Adult 21/8 Dog Food**

Scientifically formulated to meet the unique nutritional needs of the less active, mature dog

#### **Proud Paws Hi Pro 26/11 Dog Food**

Scientifically formulated to meet the unique nutritional needs of the average dog at normal activity level

#### **Proud Paws Performance 27/18 Dog Food**

Scientifically formulated to meet the unique nutritional needs of growing, performance or active dogs

#### **Proud Paws Ultra-Select 27/15 Dog & Puppy Food**

Scientifically formulated to meet the unique nutritional needs of growing puppies or active adult dogs





## Commercial Meat Goat

### Meat Goat Power™ Complete Feeds



Meat Goat Power Complete Feeds are pelleted, grain mixes that supply energy, protein, minerals, and vitamins to help ensure fast, efficient gains for growing meat goats and provides needed nutrients for efficient reproduction.

- Ammonium chloride — Has been shown to help lessen the likelihood of urinary calculi in male goats

- Salt — Encourages water consumption which may help deter urinary calculi
- Copper — Needed to build a healthy immune response and to facilitate hoof health
- Complexed zinc — More readily available for absorption compared to inorganic sources; zinc has been shown to support hoof health and immunity
- Thiamine — Helps deter polioencephalomalacia
- Selenium and vitamin E — Helps lessen likelihood of white muscle disease; needed for immune system function and reproductive efficiency
- Vitamin A — Needed for vision, healthy epithelial tissues, bone development, and immunity
- 2:1 calcium to phosphorus ratio — Helps lessen the likelihood of urinary calculi in male goats

## Commercial Dairy Goat

### Dairy Goat Power Complete Feeds



Dairy Goat Power Complete Feeds are non-medicated, pelleted, complete grain mixes that supply energy, protein, minerals, and vitamins to help ensure high milk production, fast and efficient weight gains in growing and developing dairy goats, and provides needed nutrients for efficient reproduction.

- High-quality rumen bypass protein — Supports higher peak milk production
- High-energy levels from highly digestible fiber — Helps maintain persistency of milk production; provides needed energy, which helps maintain body weight in high producing dairy goats
- CitriStim — ADM proprietary feed ingredient that may favorably impact the gut microbial population
- Proresponse — Provides essential micro nutrients to enhance feed palatability and maximize digestion
- Copper — Needed to build a healthy immune response and to facilitate hoof health
- Complexed zinc — More readily available for absorption compared to inorganic sources; zinc has been shown to support hoof health and immunity
- Thiamine — Helps deter polioencephalomalacia

**CAUTION:** Do not feed Dairy Goat Power Complete Feeds to male goats.

### Goat Power Free-Choice Supplements

#### Goat Power Mineral

- Non-medicated, mineral-vitamin supplement; also supplies complexed zinc and thiamine

#### Goat Power Block

- Non-medicated, protein-mineral-vitamin supplement; also supplies ammonium chloride and thiamine

#### Goat/Beef Tub

- Non-medicated, protein-mineral-vitamin supplement; also supplies complexed cobalt for enhanced forage digestion

#### Optimizer 20

- Non-medicated, protein-mineral-vitamin supplement
- Choice of three block hardness levels

### Goat Power Concentrate

- A high-quality, pelleted, protein-vitamin-mineral supplement designed to fortify grain mixes for commercial meat and dairy goats
- CitriStim® — ADM proprietary feed ingredient that may favorably impact the gut microbial population
- Proresponse™ — Provides essential micro nutrients to enhance feed palatability and maximize digestion
- Additional features include the inclusion of ammonium chloride, salt, copper, complexed zinc, thiamine, selenium, and vitamins A, D, and E
- Protein ration options

*Refer to product labels for complete feeding directions and warning/caution statements. Goat Power Mineral should be offered free-choice at all times. Ensure goats have access to clean, fresh water and forage at all times. Goat Power products contain copper. Do not feed to sheep or other copper sensitive species. Angora and Pygmy goats have been reported to be sensitive to copper supplementation.*



## Complete Lamb Feeds

ADM's Complete Lamb Feeds are pelleted, grain mixes that supply energy, protein, minerals, and vitamins to help ensure fast, efficient gains for lambs from birth to finish.

- Varying protein options — Match protein needs to growth stage
- Complete feeds — No need to purchase, inventory, or add other supplements to the diet
- Highly digestible fiber sources — Supply energy and help ensure healthy rumen function
- CitriStim<sup>®</sup>, an ADM proprietary feed ingredient that may favorably impact the gut microbial population (not included in 15% Lamb Grower)
- No added copper — Helps lessen the risk of copper toxicity
- Chelated (organic) zinc — Shown to support hoof health and immune function
- Ammonium chloride — Has been shown to help lessen the likelihood of urinary calculi in male sheep

## Lamb Creep

- Utilizes patented cold pelleting technology
  - Feed stays fresh longer compared to texturized feed
- PremiDex™ supports beneficial change in gut microflora
- Mini-pellet

## Lamb Grower

- Feed with good-quality forage

## Sheep Red Block

- Designed for free-choice feeding to sheep on pasture or with all-roughage rations
- Provides high-quality protein, essential macro and trace minerals along with vitamins A, D, and E needed for maintenance of body condition, sound reproductive performance, and milk production
- Additional features include the inclusion of ammonium chloride, thiamine, and molybdenum

## MoorMan's<sup>®</sup> Sheep Mineral

- Designed for free-choice feeding to sheep
- Provides essential macro and trace minerals along with vitamins A, D, and E
- No added copper to help lessen the risk of copper toxicity

## Sheep Concentrate

- A high-quality, pelleted, protein-vitamin-mineral supplement designed to fortify grain mixes for sheep in all production stages
- When used as directed, provides needed nutrients essential for growing/finishing lambs to achieve fast, efficient gains and for ewes to attain sound reproductive performance and high milk production
- Additional features include the inclusion of ammonium chloride, chelated (organic) zinc, niacin, thiamine, molybdenum, and vitamins A, D, and E

## MoorMan's<sup>®</sup> ShowTec<sup>®</sup> Ewe Breeder Feed

- Complete, pelleted grain mix supplying energy, protein, minerals and vitamins for breeding sheep to attain optimal reproductive efficiency and high milk production; ideal to feed during late gestation and lactation
- No need to purchase, inventory, or add other supplements to the diet
- Additional features include the inclusion of ammonium chloride, thiamine, molybdenum, and vitamins A, D, and E

## Mintrate<sup>®</sup> Sheep Block

- Designed for free-choice feeding to sheep on pasture or with all-roughage rations
- Provides high-quality protein, essential macro and trace minerals along with vitamins A, D, and E needed for maintenance of body condition, sound reproductive performance, and milk production

## Sheep Tub

- Designed for free-choice feeding to sheep on pasture or with all-roughage rations
- Provides high-quality protein, essential macro and trace minerals along with vitamins A and E needed for maintenance of body condition, sound reproductive performance, and milk production



**We don't merely make feed, we fuel champions.**

Championship performance through feed technology is the signature of MoorMan's ShowTec. We offer a vast array of MoorMan's ShowTec feeds from our highly acclaimed show pigs feeds to show feed for cattle, sheep, goats and poultry.

MoorMan's ShowTec products incorporate the latest in innovative feed technologies along with many patented processes and proprietary ingredients to enable show animals to reach their peak genetic presentation potential. ADM's breadth and depth of knowledge of ingredients and ability to understand and source ingredients have been critical to our advancements in the use of unique, functional ingredients in show products, giving a distinctive advantage to our customers. This allows us to offer innovative products to our customers that no one else could deliver without ADM's resources.

Regardless if you're aiming for a county or state fair champion, MoorMan's ShowTec has the products to fuel the nutritional requirements of your show livestock. Not only do we offer high-quality show feeds, but we also give back to the industry through show sponsorships, educational show clinics and a top-notch awards program for all county, state and major show winners using MoorMan's ShowTec.

**SUPPLEMENTS for the Championship Finishing Touch**

Multiple supplements and top-dresses are available to fine-tune that show pig and address that pig's individual needs.

**DEVELOPERS/FINISHERS: Options Based on Body Dimension**

*On target*

**MoorMan's ShowTec BB 18**

- Complete feed designed for feeding to show pigs in the 50 lb to show weight range

*Needs a little more cover*

**MoorMan's ShowTec Hi Fat 18**

- Complete feed for pigs from 50 lb to show that need a higher fat diet

*Fuller body, high intake while maintaining muscle & cover*

**MoorMan's ShowTec Hi Fat 16**

- Complete feed for pigs from 50 lb to show to develop a full-body

*Lacks cover & too muscular*

**MoorMan's ShowTec 14.5/6**

- Crumbled, complete feed for pigs from 150 lb to show that need a lower protein, higher fat diet

*Manage muscle & structure while maintaining proper finish*

**MoorMan's ShowTec Lo Fat 15**

- Complete feed for growing/finishing show pigs

*Not enough muscle & too much cover*

**MoorMan's ShowTec Finisher Paylean\***

- Complete, mini-pelleted feed containing Paylean
- Feed a minimum of 5 lb/hd/day as the sole ration for the last 45-90 lb of gain (21 days)

*Final burst of power*

**MoorMan's ShowTec Final Burst**

- Formulated with the most advanced nutritional components critical for outstanding show ring performance
- Complete, mini-pelleted, non-medicated feed

*Holding ration*

**MoorMan's ShowTec Time Out™**

- Unique, non-medicated, complete holding ration in mini-pelleted form
- Helps maintain muscle shape, finish, and body condition

**PRESTARTERS/STARTERS**

**MoorMan's ShowTec Prestarter**

- Complex, complete micro-pelleted feed formulated for starting early-weaned pigs weighing 8-15 lb; 1 bag/litter
- Medicated with Denagard\*\*

**MoorMan's ShowTec Burst Starter™**

- Complete, mini-pelleted feed designed for starting and growing pigs 15 to 50 lb being fed for show pig sales or to be shown in early exhibition shows; 2-3 bags/litter
- Medicated with Denagard

**MoorMan's ShowTec Sale Burst**

- Complete mini-pelleted feed designed for feeding to show pigs weighing 35 to 75 lb for sale presentation; 1 bag/litter
- Medicated with Denagard

**COMPLETE DEWORMER**

**MoorMan's ShowTec ShowGuard™ Dewormer**

- Mini-pelleted feed containing dewormer fenbendazole
- Designed to replace equal amount of complete feed; 1 lb/100 body weight/day over 3-day feeding period
- Contains many of the same nutritional components used in MoorMan's ShowTec complete feeds
- Easily used to deworm sows and show pigs

**OPTIONAL DEVELOPER**

**MoorMan's ShowTec Developer**

- Complete, mini-pelleted feed designed for show pigs over 50 lb needing additional muscle development

\*Not trademarks of ADM.



### MoorMan's ShowTec Beef Creep

Designed to meet the exceptional needs of growing and blooming young show calves

- Contains stabilized rice bran, CitriStim®, and Proponse® yeast
- Properly fortified with vitamins and minerals including complexed cobalt, copper, manganese, and zinc
- Feed at 2 lb per 100 lb of body weight to young calves from 7 days of age until weaning

### MoorMan's ShowTec Cattle Receiving Ration BT

Formulated to meet needs of newly received show calves, preconditioning show calves, and developing show heifers

- High amount of fiber helps develop rumen capacity and spring of rib
- Contains CitriStim, Proponse, both major and trace minerals including complexed cobalt, copper, manganese, and zinc along with vitamins A, D, and E
- Receiving/preconditioning—feed 10 lb/hd/day for 21-28 days
- Developing heifers weighing 800–1000 lb — feed minimum of 8.8 lb/hd/day

### MoorMan's ShowTec Cattle Growers

Nutritionally balanced base rations for show steers and heifers weighing between 500 and 1000 lb

- Contain CitriStim, Proponse yeast, and both major and trace minerals along with vitamins A, D, E, and B-complex
- Feed at the rate of 2.5% of body weight; feed good-quality grass hay at a rate of 4–8 lb/hd/day

### MoorMan's ShowTec Cattle Finishers

Nutritionally balanced base rations for show steers and heifers weighing from 800 lb to market weight

- Highly palatable with optimal levels of protein to enhance muscling and growth
- Contain CitriStim, Proponse yeast, and both major and trace minerals along with vitamins A, D, E, and B-complex
- Feed at the rate of 2.5% of body weight; feed good-quality grass hay at a rate of 2–4 lb/hd/day

### Mineral

- Protein fortified mineral supplement
- Properly fortified with Proponse yeast, vitamins, minerals, and multiple sources of protein for optimal growth
- Non-medicated; processed meal form in 50-lb bag
- Top-dress rations for calves at a rate of 1 oz/100 lb body weight/hd/day

### MoorMan's ShowTec Cellarator® Stress Tub

- Formulated for free-choice feeding to beef cattle under stress; also beneficial to use during the breeding season, prior to and after weaning, and for show cattle
- Combines the power of Cell Rate® (source of nucleotides) with enzymes, prebiotic, Omega 3 essential fatty acids, electrolytes, and key vitamins and minerals including complexed (organic) minerals (cobalt, copper, manganese, and zinc)
- Provides nutritional support during stress to support performance, helps optimize gut health, and helps deter dehydration
- 50-lb mini-tub
- Recommended consumption rate is 0.5–1 lb/hd/day

### Supplements for the Championship Finishing Touch

Multiple supplements and top-dresses are available to fine-tune that show calf and address that calf's individual needs.



### MoorMan's ShowTec Poultry Feed

MoorMan's ShowTec Poultry Feed is a complete feed and is designed to provide essential nutrients that show poultry (broilers, layers, replacement chickens, and turkeys) need to excel at shows. Critical nutrients are supplied for fast, efficient growth and development of muscle mass for broilers and sound structure and body mass for quality egg laying ability.

- CitriStim®
- Multiple direct fed microbials (probiotic)
- Mineral and vitamin fortification
- Selenium yeast
- Marigold extract
- Phytase





### MoorMan's® ShowTec® Lamb Creep

**Designed to meet the exceptional needs of growing and blooming young, show lambs**

Nutritionally balanced to creep genetically superior show lambs.

- Patented cold pelleting feed technology helps capture freshness and nutritional value
- Multiple, high-quality protein sources enable optimal, efficient gain
- Contains CitriStim®, PremiDex™, Pro-sponse® yeast, and direct fed microbial
- Provides the correct amounts and ratios of both major and trace minerals including molybdenum and complexed zinc along with vitamins A, D, E, and B-complex
- No added copper
- Highly palatable with optimal levels of lactose for better growth
- 1/8" mini-pellet for more efficient feeding

### MoorMan's ShowTec Lamb A nutritionally balanced base ration for wethers and ewes being fitted for show

When fed in conjunction with #1 Mineral Supplement, this texturized ration will assure peak growth performance of young, show lambs.

- Highly palatable with optimal levels of multiple protein sources that assures proper growth in show lambs
- Contains CitriStim, Pro-sponse yeast, and direct fed microbial
- Provides the correct amounts and ratios of both major and trace minerals along with vitamins A, D, E, and B-complex

- Contains ammonium chloride
- No added copper
- Medicated with decoquinatate (Deccox)
- Premium texturized quality for more efficient feeding

### MoorMan's ShowTec Elite Lamb

**A nutritionally balanced base ration for wethers and ewes being fitted for show to assure peak growth performance of young, show lambs**

- Highly palatable with optimal levels of multiple protein sources that deliver optimal, efficient growth in show lambs
- Contains CitriStim, direct fed microbial, and added molybdenum
- Provides the correct amounts and ratios of both major and trace minerals along with vitamins A, D, and E
- Contains ammonium chloride
- No added copper
- Available with lasalocid (Bovatec®\*) or decoquinatate (Deccox)
- Premium texturized quality for more efficient feeding

### MoorMan's ShowTec Ewe Breeder Feed

**Complete feed for the breeding herd**

- Complete, pelleted grain mix supplying energy, protein, minerals, and vitamins for breeding sheep to attain optimal reproductive efficiency and high milk production; ideal to feed during late gestation and lactation
- No need to purchase, inventory, or add other supplements to the diet
- Highly digestible fiber sources supply energy and help ensure healthy rumen function

- Additional features include the inclusion of CitriStim, ammonium chloride, thiamine, molybdenum, and vitamins A, D, and E
- No added copper lessens the risk of copper toxicity in sheep
- 1.5-2 lb per head daily along with good-quality forage

### Mineral Supplement

**A protein fortified mineral supplement for all show ruminant livestock**

- 25% crude protein, 1.5% fat
- Properly fortified with Pro-sponse yeast, vitamins, minerals, and multiple sources of protein for optimal growth
- Non-medicated; processed meal form in 50-lb bag

Top-dress rations for lambs with #1 Mineral Supplement at a rate of 2 oz per 100 lb of body weight/head/day with a minimum consumption of 2 oz/head/day.

### Supplements for the Championship Finishing Touch

Multiple supplements and top-dresses are available to fine-tune that show lamb and address that lamb's individual needs.



### MoorMan's® ShowTec® AminoGain® Goat

Designed to meet the unique nutritional needs of growing and blooming young show goats

- Incorporates AminoGain technology which complements multiple, high-quality protein sources to match the requirements for lean tissue (muscle) growth and facilitates efficient, fast gain
- Patented cold pelleting feed technology helps capture freshness and nutritional value
- Highly palatable with optimal levels of protein and energy
- Contains CitriStim®, Fire Extinguisher™ R, and a direct fed microbial
- Properly fortified with minerals for optimal growth and includes complexed cobalt, copper, manganese, zinc, and selenium
- Properly fortified with vitamins A, D, E (natural-source vitamin E), and B-complex vitamins
- Fortified with ammonium chloride
- Mini-pellet form for more efficient feeding and better feed intake

### Supplements for the Championship Finishing Touch

Multiple supplements and top-dresses are available to fine-tune that show goat and address that goat's individual needs.

### MoorMan's ShowTec MoorGrands™ Goat Feed

Designed to meet the unique nutritional needs of growing and blooming young show goats

- Incorporates high-quality, highly palatable ingredients in a texturized grain mix to encourage feed consumption
- Optimal levels of protein and energy for efficient gains
- Includes stabilized rice bran for high energy, gamma oryzanol, and Omega 3 fatty acids
- Contains CitriStim, Proponse yeast, and a direct fed microbial
- Properly fortified with minerals and vitamins A, D, E, and B-complex for optimal growth, structural development, health, and metabolic function
- Fortified with ammonium chloride
- texturized form

### MoorMan's ShowTec Goat Breeder

Nutritionally balanced feed for breeding goats used to produce top-quality show goat prospects

- Contains CitriStim
- Medicated with monensin (Rumensin)
- Properly fortified with vitamins (including thiamine) and minerals, including copper and complexed zinc for optimal reproductive performance, hoof integrity, and health
- Mini-pellet form for more efficient feeding and better feed intake

### MoorMan's ShowTec Goat Sale Prep

Nutritionally balanced show goat creep feed designed for peak performance and bloom from one week of age to weaning (or to 45 lb)

- Contains CitriStim, Proponse® yeast, direct fed microbial, stabilized rice bran, complexed trace minerals, and natural-source vitamin E
- Feed 3.33 lb per 100-lb body weight daily
- Mini-pellet form for more efficient feeding and better feed intake



ADM Animal Nutrition's swine feed products and programs offer a successful combination of research, innovation and industry expertise, all proven in commercial settings. Working with you, our goal is to provide cost-effective solutions and economical returns for your operation now and into the future. Genetics, nutrition, herd health and management are key factors in producing lean pork efficiently and profitably. To optimize profitability in today's highly competitive swine market, it's essential to utilize proven technologies, production options and feeding programs that focus on efficiency and profitability.

#### Swine Nursery

##### MotivAte™

MotivAte™ Starter products and programs are designed to get pigs off to an efficient, fast start. Available in completes, base mix and premix to address different production goals and manufacturing needs.

Fast and efficient starts increase growth performance as our internal research indicates that for every additional pound of body weight gain, one can expect market weight to be reached 2-3 days sooner or simply a heavier pig at market when days are fixed. The MotivAte Starter Program offers flexibility to address differing production and manufacturing goals and the various nutrient requirements of pigs from weaning to 50 lb.

## MotivAte™

#### Swine Breeding Herd

##### Parity Plus®

Breeding herd products are formulated to provide specific nutrients needed for superior reproductive performance in high producing breeding herds. Parity Plus premixes, packs, concentrates and cubes allow flexibility, providing you the opportunity to select the sow feed products that fit into your current production and manufacturing systems.

## Parity Plus

## MAX LEAN.

#### Swine Grow/Finish



##### MaxLean®

Premixes, concentrates and complete feeds are designed to maximize lean growth and profitability in growing and finishing pigs. Through our understanding of lean growth rates, gender and nutrient requirements at various stages of production, we're able to design cost-effective feeding programs that maximize your herd's genetic potential and good management practices. Key components of all MaxLean products are the incorporation of feeding technologies based on documented research relating to energy and amino acid relationships, vitamins, trace minerals and the appropriate use of phytase. By utilizing the appropriate ingredients, we can maximize best cost of performance while lessening environmental impact.



## Rack Plus™ for Outstanding Results

Outstanding performance is the hallmark of ADM's Deer and Elk Feeding Program. This proven program incorporates the latest technical advances in cervid nutrition with ADM's time and field-proven formulation and feed technology techniques to deliver the right balance of protein, energy, vitamins and minerals that help enable deer and elk to reach their full genetic potential.

Choose from these performance-proven products for commercial deer production:

### Deer & Elk 18-4 (81686AAA)

**Complete grain mix designed to be fed to deer and elk**

- 18% protein, 4% fat, and no more than 14% fiber
- Multiple protein sources
- Stabilized rice bran
- Highly digestible energy and fiber sources
- Balanced vitamin/mineral package, including complexed (organic) trace minerals
- CitriStim®
- Direct fed microbial

### Deer & Elk 18-4 product options

#### 81687AAA with Thermal Care™ R

- Patent-pending technology that utilizes specially selected, research tested compounds to help animals cope with heat stress

### TraceMax® Fawn Starter (81482AAA)

**Nutritionally balanced feed formulated for feeding to bottle-fed fawns in confinement**

- 20% protein, 4.5% fat, and no more than 7.5% fiber
- Multiple protein sources
- Energy from stabilized rice bran
- Balanced vitamin/mineral package including complexed (organic) trace minerals and partial vitamin E from natural-source
- CitriStim – An ADM proprietary feed ingredient that may favorably impact the gut microbial population
- PremiDex™ – Exerts beneficial change in gut microflora, supporting production.



For deer/elk in commercial production or free-ranging:

### Rack Plus Deer Block (81732AAA) and Deer Tub (81733AAA)

**Free-choice protein-vitamin-mineral supplements for deer and elk**

- 19% protein, 3% fat, and no more than 6% fiber
- Multiple protein sources including degradable and bypass proteins
- Highly digestible energy and fiber
- Balanced vitamin-mineral package including complexed (organic) trace minerals and partial vitamin E from natural-source
- CitriStim
- Recommended consumption rate: 0.5-1 lb/head day
- Available in 25-lb block or 100-lb tub

### Rack Plus Deer Mineral (81731AAA)

**Free-choice vitamin-mineral supplement for deer and elk**

- 13.2% calcium, 6% phosphorus, and 12% salt
- Balanced trace mineral package including vitamins A, D, and E
- Recommended consumption rate: 0.01-0.05 lb head/day
- Available in granular form in 10-kg (22-lb) bag

\*Antler D is a trademark of Head Gear LLC. †Not trademarks of ADM.

Refer to product labels for complete feeding directions and warning/caution statements.



## Getting Game Birds Ready for Flight

With roots tracing back to the late 1800s, ADM has built a solid foundation of producing high-quality, dependable animal feed products. Flight Ready Game Bird Feeding Program is designed to provide critical nutrients that game

birds need for fast, efficient development and growth. Successful game bird production not only depends on a sound nutritional program, but also on proper management through all stages of development.

**Flight Ready™ products are highly digestible, complete feeds and provide the following nutritional components:**

- Multiple protein sources
- Mineral and vitamin fortification which include natural-source vitamin E and complexed (organic) zinc
- CitriStim®
- Direct-fed microbial
- Empirical™ NSP enzyme
- Phytase

Note: Starter product does not provide Empirical NSP.

All Flight Ready products noted below are mini-pelleted with the exception of the starter product which is crumbled.

### Flight Ready Game Bird Starter PRM

**No. 80069AAA**

- Designed for starting game birds up to six weeks of age
- Can be fed to waterfowl and upland game birds
- Provides 28% protein and 2.5% fat

### Flight Ready Game Bird Conditioner PRM

**No. 80598AAA**

- Designed for game birds from ten weeks of age until flight ready
- Can be fed to waterfowl and upland game birds
- Provides 20% protein and 3% fat

### Flight Ready Game Bird Grower PRM

**No. 80844AAA**

- Designed for growing game birds from five to ten weeks of age
- Can be fed to waterfowl and upland game birds
- Provides 24% protein and 3.5% fat

### Flight Ready Game Bird Conditioner/Maintenance PRM

**No. 70723AAA**

- Designed for game birds from 15 weeks of age until flight ready
- Can be fed to upland game birds
- Provides 20% protein and 2% fat

### Flight Ready Game Bird Developer PRM 1

**No. 70514AAA**

- Designed for game birds from ten weeks of age until flight ready
- Can be fed to waterfowl and upland game birds
- Provides 20% protein and 3% fat

### Flight Ready Game Bird Breeder PRM

**No. 80604AAA**

- Designed for upland breeder age game birds from three weeks before lay to the end of lay
- Provides 22% protein and 3% fat

*Provide clean, fresh water at all times.*

*Refer to product labels for feeding directions.*

*Note: 200 grams/ton of BMD is recommended in all quail rations.*



## Feed Additives Products and Solutions

Ingredient solutions to optimize performance, profitability and efficiency opportunities for producers.

**EndoFighter™** – a patented combination of components shown to favorably support production and well-being of cattle consuming endophyte-infected fescue forage.

**RumeNext®** – Specially selected plant extracts in RumeNext provide a natural solution of proven technologies to optimize rumen fermentation for favorable production responses.

**JustiFLY** – An Insect Growth Regulator (diflubenzuron) to be used as part of an integrated pest management program for the control of horn fly, stable fly, house fly and face fly in the manure of cattle and calves.

**Dipteracide®** – ADM Methoprene (IGR), the perfect solution to ridding cattle herds of pesky, profit-robbing horn flies.

**Thermal Care™** – offers a research proven technology to help alleviate heat stress.

**NutriPass L** – an encapsulated lysine that is rumen-stable and intestinally available. It is ideal to use to supply a consistent source of metabolizable lysine in dairy and beef diets.

*Multiple other products also available. Visit with your ADM representative for further information.*



ADM's acquisition of Neovia created a global leader in value-

added products and solutions for both production and companion animals, and has expanded the portfolio to allow us to better serve our customers. ADM Animal Nutrition now spans the globe, offering premixes, complete feed, specialty ingredients, pet care solutions, aquaculture, additives and amino acids to our customers. The well-known Pancosma brand is the umbrella for our feed additives business. Pancosma offers a wide range of flavors and sweeteners, plant based bioactives, and organic trace minerals as well as custom combinations of these technologies. The Pancosma portfolio will continue to expand, the company has been a pioneer in improving gut health and production efficiency and it will continue to build on this foundation to develop new concepts and solutions.

### Pancosma Products and Solutions

**CitriStim®** – a proven, truly unique whole cell yeast beneficial for all animals at all life stages.

**Garlium** – Highly concentrated garlic extracts and oils. Garlic and its derivatives are biochemical pesticides, as it is naturally occurring and has a non-toxic mode of action

**B-traxim** – Premium organic trace mineral product offering consisting of individual mineral and combination mineral products.

**Xtract** – Standardized combinations of natural and nature inspired molecules found in plants and spices.

**Nexulin** – Rumen-protected capsicum designed to support dairy cows pre-partum through 120 days of lactation.

*Multiple other products also available. Visit with your ADM representative for further information.*



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## Building world-class nutrition with you.

Our commitment to you....  
Innovation, quality, service,  
support, research and results.  
You can count on innovative  
products and expert assistance  
to help your business grow.

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