

AG LAND

# FEEDING PROGRAM FOR SWINE

## HOG BREEDING PROGRAM

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**Replacement Stock - Gilts should be at 200 # to 210# body weight.**

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- Limit feed until flushing.
  - In summer or controlled environments 4#/head/day.
  - In winter or cold weather feed 5#/head/day.
  - Gilts must weigh at least 250# and be at least 6-7 months of age before breeding.
- Flushing - 2 or 3 weeks prior to breeding. Full feed high energy flushing ration. This ration requires higher levels of minerals and vitamins. Thus, it needs to be fortified with Sow Gain.

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### Gestation

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- First 86 days of gestation.
  - Gilts - In summer or controlled environment 4 to 5#/head/day of sow gestation ration.
  - Gilts - In winter or cold weather when fed and exercised outside, feed 5 to 6#/head/day of the sow gestation ration.
  - Sows - In summer months 4#/head/day of sow gestation ration.
  - Sows - In winter or cold weather when fed and exercised outside, feed 5 to 6#/head/day of sow gestation ration.
- Last 28 days of gestation.
  - Gilts & Sows - feed 6 to 7# head/day during summer or controlled environment of the pre-farrowing ration.
  - Gilts & sows - feed 7 to 8#/head/day during the winter or cold weather of the pre-farrowing ration.
  - Gilts & sows - Twenty-one (21) days prior to farrowing the ration should contain Sow Gain for increased fortification of minerals and vitamins due to increased requirements and stress.
  - Gilts & Sows - Pre-farrowing rations should contain Sow Prep 20 for 21 days prior to farrowing as an aid against constipation.

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### Lactation

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- Full feed or just short of full feed lactation ration according to size of litter. (4# for the sow and 1# for each piglet in the litter.)
- Gilts & Sows - Lactation rations should be fortified with Sow Gain and Sow Prep for increased mineral and vitamin supplementation and as an aid against constipation.

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### Breeding Boars

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- Young Boars
  - Hand feed growing boars between 5 and 6#/head/day when working heavily.
- Adult Boars
  - Hand feed 4 to 6#/head/day of gestation ration. Adjust the ration as necessary to keep boars in medium fleshy condition.
  - Increase feed by 2# when actively breeding.

## STARTER PROGRAM

The starter program for your baby pigs requires a major decision. Young pigs consume a limited amount of feed, thus each mouth full of feed must provide maximum nutritional fortification. You must

develop a young pig feeding program that fits your operation, gets your pigs off to a rapid, healthy start while minimizing the post-weaning slump and keeps pigs heading for market.

Since every swine operation is different, AG LAND, INC. has chosen to offer complete pelleted, meal and premix pig starter products to meet the needs of all pork operations. AG LAND'S baby pig starter program provides you the flexibility to select the correct product for your operation. AG LAND products provide you the assurance that your pigs are getting high quality nutrition from high quality ingredients. Your AG LAND sales representative will work with you to determine which AG LAND program will work best in YOUR program.

Ag Land's creep and pre-starter program emphasis is with a complete creep (Express Start) product and a complete pre-starter (Express Wean) pelleted product followed with a grind and mix starter (Pig Start 135) program. For the producer who wants to grind and mix pre-starter and starter rations, Ag Land has the products needed to formulate these rations.

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#### **Birth-to-weaning at 3 to 6 weeks of age.**

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- Introduce 24% Express Start at 7 to 10 days of age. Feed approximately 5# of the ration per pig or until pigs weigh about 15 pounds.
- Introduce 21% Express Wean at 10 to 12 days of age. Feed until after pigs have been weaned and are about 25 pounds in weight.
- Introduce 18% starter ration utilizing Pig Start 135 and feed approximately 35# of feed or until the smallest pig weighs 40 to 45#.
- Quality nutrition is important from 25 to 45 pounds of weight. This is when the pig consumes approximately 8% of its total feed requirement and makes 11% of its total weight gain.

### **GROWER-FINISHER PROGRAM**

During the 1990's the pork industry has been all giddy about lean pork. Why not! Consumers have been demanding lean meat and pork producers having heard the cry are doing what needs to be done to provide it. As improvements are made in lean genetics of the herd, the feeding program must be designed to meet these herd changes. AG LAND'S nutritional program has made improvements to meet these genetic demands. These nutritional program improvements have resulted in higher density feeds which contain higher levels of fat, protein, lysine, minerals, vitamins and choline to maximize rate of gain and feed efficiency.

AG LAND nutritionists have developed feeding programs to challenge the genetic potential of your growing/finishing pigs. Your AG LAND sales representative will work with you to determine which AG LAND feeding program will work best to maximize the genetic potential of your hogs for most efficient production.

AG LAND'S Geno Grower 55, Geno Grower-Finisher 50, Geno Finisher 45 and Leanmaker Feeding Program is designed specifically for crossbred, rapidly growing meat type hogs with good lean growth potential.

AG LAND'S Geno Grower Lean, Geno Grower-Finisher Lean and Geno Finisher Lean Feeding Program was developed for the genetically superior hogs which are capable of rapid growth and outstanding carcass leanness.

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#### **40# to 125#** (Medications available: CTC or BMD. Other medications available in ton lot orders.)

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- 16% grower ration using your choice of Geno Grower 55, Geno Grower-Finisher 50 with or without Leanmaker, or Geno Grower Lean or Geno Grower-Finisher Lean.

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#### **125# to Market** (Medications available: CTC or BMD. Other medications available in ton lot orders.)

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- 14% finisher ration using your choice of Geno Finisher 45, Geno Grower-Finisher 50 with or without Leanmaker, or Geno Grower-Finisher Lean or Geno Finisher Lean.
- Today's producer with lean genetics should keep finishing hogs on a 16% ration until market.

# AG LAND

## SOW GESTATION 110

For the manufacturer of swine complete feeds

### GUARANTEED ANALYSIS

Calcium (Ca), Min.....	19.00%
Calcium (Ca), Max.....	23.00%
Phosphorous (P), Min.....	10.50%
Salt (NaCl), Min.....	8.00%
Salt (NaCl), Max.....	10.00%
Iodine (I), Min.....	12 ppm
Selenium (Se), Min.....	5 ppm
Zinc (Zn), Min.....	1,200 ppm
Vitamin A, Min.....	120,000 IU/lb
Vitamin D, Min.....	17,000 IU/lb
Vitamin E, Min.....	600 IU/lb
Choline, Min.....	10,000 ppm

### INGREDIENTS

Monocalcium Phosphate, Calcium Carbonate, Salt, Processed Grain By-Products, Choline Chloride, Mineral Oil, Menadione Sodium Bisulfate Complex (Source of Vitamin K), Zinc Sulfate, Vitamin E Supplement, Calcium Pantothenate, Ferrous Sulfate, Niacin Supplement, Zinc Amino Acid Complex, Manganese Sulfate, Vitamin B 12 Supplement, Ferrous Amino Acid Complex, Vitamin A Supplement, Copper Sulfate, Selenium/Yeast Complex, Riboflavin Supplement, Manganese Amino Acid Complex, Active Dry Yeast, Copper Amino Acid Complex, D-Activated Animal Sterol (Source of Vitamin D3), Ethylenediamine Dihydriodide, Folic Acid, Ethoxyquin (Preservative), Biotin, Sugar, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Pyridoxine Hydrochloride, Thiamine Mononitrate, Cobalt Carbonate and Natural Flavors.

### DIRECTIONS FOR USE

AG LAND SG 110 is a quality premix designed to fortify the gestating sow and gilt with Choline, major and trace minerals, and vitamins for optimum swine breeding herd performance.

AG LAND SG 110 is packaged in a 55 lb. multi-walled bag and is designed to be added to a ton mix at the rate of 110 lbs. (two bags).

### MIXING DIRECTIONS

	<u>15% Protein</u>	<u>15% Protein</u>	<u>14% Protein</u>	<u>14% Protein</u>
Corn	1490 lbs.	1530 lbs.	1545 lbs.	1580 lbs.
Soybean Meal 44%	395 lbs.	0 lbs.	340 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	355 lbs.	0 lbs.	305 lbs.
Ag Land SG 110	110 lbs.	110 lbs.	110 lbs.	110 lbs.
Ag Land Ag Lac (optional)	<u>5 lbs.</u>	<u>5 lbs.</u>	<u>5 lbs.</u>	<u>5 lbs.</u>
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

**Manufactured By**  
**GRO-TEC, INC.**  
**10324 W US HWY 36**  
**MODOC, IN 47358**  
**gro-tec@hotmail.com**

NET WT 55 LB (25.0 kg)

LOT#

# AG LAND

## SOW GESTATION 90

For the manufacturer of swine complete feeds

### GUARANTEED ANALYSIS

Calcium (Ca), Min.....	19.00%
Calcium (Ca), Max.....	21.00%
Phosphorous (P), Min.....	10.50%
Salt (NaCl), Min.....	9.50%
Salt (NaCl), Max.....	11.50%
Iodine (I), Min.....	14 ppm
Selenium (Se), Min.....	5 ppm
Zinc (Zn), Min.....	1,500 ppm
Vitamin A, Min.....	140,000 IU/lb
Vitamin D, Min.....	20,000 IU/lb
Vitamin E, Min.....	700 IU/lb
Choline, Min.....	9,300 ppm

### INGREDIENTS

Monocalcium Phosphate, Calcium Carbonate, Salt, Processed Grain By-Products, Choline Chloride, Mineral Oil, Menadione Sodium Bisulfate Complex (Source of Vitamin K), Zinc Sulfate, Vitamin E Supplement, Ferrous Sulfate, Calcium Pantothenate, Niacin Supplement, Zinc Amino Acid Complex, Manganese Sulfate, Ferrous Amino Acid Complex, Vitamin B 12 Supplement, Vitamin A Supplement, Copper Sulfate, Manganese Amino Acid Complex, Selenium/Yeast Complex, Riboflavin Supplement, Active Dry Yeast, Copper Amino Acid Complex, D-Activated Animal Sterol (Source of Vitamin D3), Ethylenediamine Dihydriodide, Folic Acid, Ethoxyquin (Preservative), Biotin, Sugar, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Pyridoxine Hydrochloride, Thiamine Mononitrate, Cobalt Carbonate and Natural Flavors.

### DIRECTIONS FOR USE

AG LAND SG 90 is a quality premix designed to fortify the gestating sow and gilt with Choline, major and trace minerals, and vitamins for optimum swine breeding herd performance.

AG LAND SG 90 is packaged in a 45 lb. multi-walled bag and is designed to be added to a ton mix at the rate of 90 lbs. (two bags).

### MIXING DIRECTIONS

	<u>15% Protein</u>	<u>15% Protein</u>	<u>14% Protein</u>	<u>14% Protein</u>
Corn	1530 lbs.	1565 lbs.	1580 lbs.	1610 lbs.
Soybean Meal 44%	380 lbs.	0 lbs.	330 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	345 lbs.	0 lbs.	300 lbs.
Ag Land SG 90	90 lbs.	90 lbs.	90 lbs.	90 lbs.
Ag Land Ag Lac (optional)	5 lbs.	5 lbs.	5 lbs.	5 lbs.
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

**Manufactured By**  
**GRO-TEC, INC.**  
**10324 W US HWY 36**  
**MODOC, IN 47358**

NET WT 45 LB (20.45 kg)

LOT#

# AG LAND

## SOW LACTATION 100

For the manufacturer of swine complete feeds

### GUARANTEED ANALYSIS

Calcium (Ca), Min.....	18.00%
Calcium (Ca), Max.....	20.00%
Phosphorous (P), Min.....	9.00%
Salt (NaCl), Min.....	9.00%
Salt (NaCl), Max.....	11.00%
Iodine (I), Min.....	14 ppm
Selenium (Se), Min.....	5 ppm
Zinc (Zn), Min.....	1,000 ppm
Vitamin A, Min.....	120,000 IU/lb
Vitamin D, Min.....	18,000 IU/lb
Vitamin E, Min.....	650 IU/lb
Choline, Min.....	10,000 ppm

### INGREDIENTS

Monocalcium Phosphate, Calcium Carbonate, Processed Grain By-Products, Salt, Choline Chloride, Mineral Oil, Menadione Sodium Bisulfate Complex (Source of Vitamin K), Zinc Sulfate, Vitamin E Supplement, Ferrous Sulfate, Calcium Pantothenate, Niacin Supplement, Zinc Amino Acid Complex, Manganese Sulfate, Ferrous Amino Acid Complex, Vitamin B 12 Supplement, Vitamin A Supplement, Copper Sulfate, Manganese Amino Acid Complex, Selenium/Yeast Complex, Riboflavin Supplement, Active Dry Yeast, Copper Amino Acid Complex, D-Activated Animal Sterol (Source of Vitamin D3), Ethylenediamine Dihydriodide, Folic Acid, Ethoxyquin (Preservative), Biotin, Sugar, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Pyridoxine Hydrochloride, Thiamine Mononitrate, Cobalt Carbonate, and Natural Flavors.

### DIRECTIONS FOR USE

AG LAND SOW LACTATION 100 is a quality premix designed to fortify the lactating sow and gilt with Choline, major and trace minerals, and vitamins for optimum swine breeding herd performance.

AG LAND SOW LACTATION 100 is packaged in a 50 lb. multi-walled bag and is designed to be added to a ton mix at the rate of 100 lbs. (two bags).

### MIXING DIRECTIONS

	<u>15% Protein</u>	<u>15% Protein</u>	<u>14% Protein</u>	<u>14% Protein</u>
Corn	1520 lbs.	1560 lbs.	1570 lbs.	1600 lbs.
Soybean Meal 44%	380 lbs.	0 lbs.	330 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	340 lbs.	0 lbs.	300 lbs.
Ag Land Sow Lact. 100	100 lbs.	100 lbs.	100 lbs.	100 lbs.
Ag Land Sow Prep 20 (optional)	20 lbs.	20 lbs.	20 lbs.	20 lbs.
Ag Land Ag Lac (optional)	<u>5 lbs.</u>	<u>5 lbs.</u>	<u>5 lbs.</u>	<u>5 lbs.</u>
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

**Manufactured By**

**GRO-TEC, INC.**

**10324 W US HWY 36**

**MODOC, IN 47358**

NET WT 45 LB (20.45 kg)

LOT#

# AG LAND SOW PREP 20

For the manufacturer of sow and gilt gestation/lactation complete feeds

## GUARANTEED ANALYSIS

Crude Protein, Min.....	9.00%
Lysine, Min.....	0.50%
Crude Fat, Min.....	1.00%
Crude Fiber, Max.....	3.00%
Calcium (Ca), Min.....	0.90%
Calcium (Ca), Max.....	1.10%
Phosphorous (P), Min.....	0.80%
Magnesium (Mg), Min.....	13.00%
Potassium (K), Min.....	3.50%
Sulfur (S), Min.....	15.50%
Iron (Fe), Min.....	300 ppm
Zinc (Zn), Min.....	1,600 ppm
Vitamin A, Min.....	310,000 IU/lb
Vitamin D, Min.....	34,000 IU/lb
Vitamin E, Min.....	45 IU/lb

## INGREDIENTS

Magnesium Sulfate, Brewers Dried Yeast, Potassium Sulfate, Magnesium Sulfate, Dried Whey, Magnesium Oxide, Monocalcium Phosphate, Calcium Carbonate, Sodium Bentonite, Soybean Oil, Zinc Sulfate, Zinc Amino Acid Complex, Vitamin A Supplement, Choline Chloride, Menadione Sodium Bisulfate Complex (Source of Vitamin K activity), Active Dry Yeast, Vitamin E Supplement, D-Activated Animal Sterol (Source of Vitamin D3), Sugar, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, and Artificial Flavors.

## FEEDING DIRECTIONS

AG LAND SOW PREP 20 is a quality natural laxative of supplemental electrolytes, vitamins and yeast. Mix AG LAND SOW PREP 20 premix to gilt and sow rations at the rate of 20 pounds in a ton of complete feed two to three weeks prior to farrowing. Continue feeding AG LAND SOW PREP 20 through weaning or until constipation is no longer a problem. Offer water free choice at all times.

TOP DRESSING DIRECTIONS: If constipation is a problem for individual gilts or sows, AG LAND SOW PREP 20 can be top dressed at the rate of two (2) ounces per head daily. AG LAND SOW PREP 20 should be fed continuously for as long as signs of constipation persist.

**Manufactured By  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358**

NET WT 40 LB (18.2 kg)

LOT#

# AG LAND SOW GAIN

Mineral/Vitamin Supplement for inclusion in swine complete feeds

## GUARANTEED ANALYSIS

Calcium (Ca), Min.....	1.00%
Calcium (Ca), Max.....	1.20%
Magnesium (Mg), Min.....	2.50%
Sulfur (S), Min.....	3.50%
Iron (Fe), Min.....	68,000 ppm
Copper (Cu), Min.....	20,000 ppm
Iodine (I), Min.....	1,500 ppm
Manganese (Mn), Min.....	20,000 ppm
Zinc (Zn), Min.....	25,000 ppm
Vitamin A, Min.....	260,000 IU/lb
Vitamin D, Min.....	47,000 IU/lb
Vitamin E, Min.....	2,000 IU/lb
Biotin, Min.....	45 ppm
Folic Acid, Min.....	26 ppm
Choline, Min.....	33,000 ppm

## INGREDIENTS

Vermiculite, Corn Distillers Dried Grains with Solubles, Ferrous Sulfate, Polysaccharide Complex of Iron, Copper, Manganese and Zinc, Choline Chloride, Copper Sulfate, Zinc Oxide, Potassium Chloride, Potassium Sulfate, Magnesium Sulfate, Manganous Oxide, Vitamin K Supplement, Zinc Sulfate, Iron Oxide, Active Dry Yeast, Manganese Sulfate, Copper Oxide, Vitamin E Supplement, Calcium Carbonate, Dried Lactobacillus Acidophilus fermentation product, Dried Streptococcus Faecium fermentation product, Saccharomyces cerevisiae and Kluyveromyces fragilis, grown on media of ground yellow corn, diastatic malt and cane molasses, Amylase, Protease, Cellulase enzymes, Ethoxyquin (Preservative), Ethylenediamine Dihydroiodide, Riboflavin Supplement, Vitamin A Supplement, Calcium Pantothenate, Folic Acid, Cobalt Carbonate, Vitamin D3 Supplement, Niacin Supplement, Dried Lactobacillus casei fermentation product, Bifido bacterium thermophilum fermentation product, Dried Enterococcus faecium fermentation product, Brewers Dried Yeast, Brewers Dried Grains, Biotin, Dried Aspergillus Oryzae fermentation extract, Dried Bacillus licheniformis fermentation extract, Dried Bacillus subtilis fermentation extract, Natural and Artificial Flavors.

## MIXING DIRECTIONS

Starter Feeds.....	5 lbs. per ton
Sow & Boar Feeds (Breeding, gestation, & lactating rations)	
Consumption of 6 to 8 lbs per head daily.....	5 lbs. per ton

**Manufactured By**  
**GRO-TEC, INC.**  
**10324 W US HWY 36**  
**MODOC, IN 47358**

NET WT 50 LB (22.7 kg)

LOT#

GRO-TEC, INC.  
 10324 W. US HIGHWAY 36  
 MODOC, IN 47358

Corn \$ \_\_\_\_\_ Bu.  
 SBM \$ \_\_\_\_\_ Ton

## SWINE FEEDING PROGRAM

USING 48% SOYBEAN MEAL

PRODUCER \_\_\_\_\_

DATE \_\_\_\_\_

### GESTATION - (First 86 Days)

1535 lbs. Ground Corn \$ \_\_\_\_\_  
 355 lbs. SBM 48% \$ \_\_\_\_\_  
 110 lbs. Sow Gestation 110 \$ \_\_\_\_\_  
 2000 lbs. \$ \_\_\_\_\_ Ton

**Feed 4 to 5 lbs./hd./day**  
 \_\_\_\_\_ lbs. Feed/day x 86 days =  
 \_\_\_\_\_ lbs. Feed/sow/period  
 Feed Cost/Sow/Period \$ \_\_\_\_\_

### PRE-FARROWING - (Next 21 Days)

1540 lbs. Ground Corn \$ \_\_\_\_\_  
 355 lbs. SBM 48% \$ \_\_\_\_\_  
 100 lbs. Sow Lactation 100 \$ \_\_\_\_\_  
 5 lbs. Ag Lac \$ \_\_\_\_\_  
 2000 lbs. \$ \_\_\_\_\_ Ton

**Feed 6 to 7 lbs./hd./day**  
 \_\_\_\_\_ lbs. Feed/day x 21 days =  
 \_\_\_\_\_ lbs. Feed/sow/period  
 Feed Cost/Sow/Period \$ \_\_\_\_\_

### FARROWING - (7 days before to 7 days after)

1520 lbs. Ground Corn \$ \_\_\_\_\_  
 340 lbs. SBM 48% \$ \_\_\_\_\_  
 100 lbs. Sow Lactation 100 \$ \_\_\_\_\_  
 20 lbs. Sow Prep 20 \$ \_\_\_\_\_  
 20 lbs. Medication \$ \_\_\_\_\_  
 2000 lbs. \$ \_\_\_\_\_ Ton

**Feed 8 lbs./hd./day**  
 \_\_\_\_\_ lbs. Feed/day x 14 days =  
 \_\_\_\_\_ lbs. Feed/sow/period  
 Feed Cost/Sow/Period \$ \_\_\_\_\_

### LACTATION - (7 days after to weaning)

1550 lbs. Ground Corn \$ \_\_\_\_\_  
 340 lbs. SBM 48% \$ \_\_\_\_\_  
 100 lbs. Sow Lactation 100 \$ \_\_\_\_\_  
 5 lbs. Sow Gain \$ \_\_\_\_\_  
 5 lbs. Ag Lac \$ \_\_\_\_\_  
 2000 lbs. \$ \_\_\_\_\_ Ton

**Self Feed**  
 \_\_\_\_\_ lbs. Feed/day x \_\_\_\_\_ days =  
 \_\_\_\_\_ lbs. Feed/sow/period  
 Feed Cost/Sow/Period \$ \_\_\_\_\_

Total lbs. Feed/Sow \_\_\_\_\_ + 10% for Boar Feed = \_\_\_\_\_ lbs. Feed/Sow/Litter.  
 \_\_\_\_\_ lbs. Feed Cost/Litter divided by \_\_\_\_\_ Pigs/Litter = \_\_\_\_\_ Sow Feed/Pig.

Total Feed Cost/Sow \_\_\_\_\_ + 10% for Boar Feed = \_\_\_\_\_ Sow Feed Cost/Litter.  
 \$ \_\_\_\_\_ Sow Feed Cost/Litter divided by \_\_\_\_\_ Pigs/Litter = \$ \_\_\_\_\_ Sow Feed Cost/Pig.



Ag Land offers Express Start for the first feed for pigs being weaned three weeks or earlier. Ag Land also offers Express Wean, a complete feed for pigs 15-25 lbs. when grinding is not economical to do.

**PRE-STARTER RATION - (7 days to 15 lbs.)**

1115 lbs. Ground Corn \$ \_\_\_\_\_  
 550 lbs. SBM 48% \$ \_\_\_\_\_  
 135 lbs. Pig Start 135 \$ \_\_\_\_\_  
 200 lbs. High Fat Milk 200A \$ \_\_\_\_\_  
 2000 lbs. \$ \_\_\_\_\_ Ton

**Feed: 5 lbs./pig**  
 Creep Ration cost/lb. \_\_\_\_\_ x 5  
 lbs. = \$ \_\_\_\_\_ creep cost/pig

**STARTER RATION - (15 to 40 lbs.)**

1215 lbs. Ground Corn \$ \_\_\_\_\_  
 450 lbs. SBM 48% \$ \_\_\_\_\_  
 135 lbs. Pig Start 135 \$ \_\_\_\_\_  
 200 lbs. High Fat Milk 200A \$ \_\_\_\_\_  
 2000 lbs. \$ \_\_\_\_\_ Ton

**Feed: 35 lbs./pig**  
 Starter Ration cost/lb. \_\_\_\_\_ x 35  
 lbs. = \$ \_\_\_\_\_ starter cost/pig

**GROWING RATION - (40 to 100 lbs.)**

1555 lbs. Ground Corn \$ \_\_\_\_\_  
 390 lbs. SBM 48% \$ \_\_\_\_\_  
 55 lbs. Geno Grower 55 \$ \_\_\_\_\_  
 2000 lbs. \$ \_\_\_\_\_ Ton

**Feed: 140 lbs./pig**  
 Grower Ration cost/lb. \_\_\_\_\_ x 140  
 lbs. = \$ \_\_\_\_\_ starter cost/pig

**FINISHING RATION - (100 lbs. to market)**

1630 lbs. Ground Corn \$ \_\_\_\_\_  
 320 lbs. SBM 48% \$ \_\_\_\_\_  
 50 lbs. Geno Grow Fin 50 \$ \_\_\_\_\_  
 2000 lbs. \$ \_\_\_\_\_ Ton

**Feed: 490 lbs./pig**  
 Finisher Ration cost/lb. \_\_\_\_\_ x  
 lbs. = \$ \_\_\_\_\_ starter cost/pig

**TOTAL FEED AND COST ESTIMATES/PIG:**

Sow Feed/Pig	_____ lbs.	_____ cost
Creep Feed/Pig	_____ lbs.	_____ cost
Starter Feed/Pig	_____ lbs.	_____ cost
Grower Feed/Pig	_____ lbs.	_____ cost
Finisher Feed/Pig	_____ lbs.	_____ cost
<b>Totals</b>	_____ lbs./pig	_____ cost/pig

Total lbs. feed/pig divided by 240 lbs. = \_\_\_\_\_ Feed/lb./Gain  
 Total cost/pig divided by 240 lbs. = \_\_\_\_\_ Cost/lb./Gain

# AG LAND EXPRESS START

## MEDICATED

For control of swine dysentery (vibronic dysentery, bloody scours or hemorrhagic dysentery); control of bacterial swine enteritis (salmonellosis of necrotic enteritis caused by *Salmonella choleraesuis*); increase rate of weight gain and improve feed efficiency.

## ACTIVE DRUG INGREDIENT

Carbadox.....50 gm/ton

## GUARANTEED ANALYSIS

Crude Protein, Min.....24.00%  
Crude Fat, Min.....8.00%  
Crude Fiber, Max.....2.00%  
Lysine, Min.....1.70%

## INGREDIENTS

Ground Corn, Dried Whey, Cheese, Cheese Powder, Soy Flour, Animal Plasma, Steamed Rolled Oats, Fish Meal, Choice White Grease, Soy Protein Concentrate, Monocalcium Phosphate, L-Lysine, Calcium Carbonate, Salt, Yeast Culture, Polysaccharide Complexes of Zinc, Iron, Manganese and Copper, Copper Sulfate, Choline Chloride, DL Methionine, Dried Lactobacillus Acidophilus Fermentation Product, Dried Streptococcus Faecium Fermentation Product, Hydrated Sodium Calcium Alumino Silicate, Propionic Acid, Ammonium Hydroxide, Acetic Acid, Benzoic Acid, Sorbic Acid, d-Calcium Pantothenate, Dried Distillers Grains with Solubles, Niacin Supplement, Vitamin A Supplement, Riboflavin Supplement, Vitamin E Supplement, Menadione Dimethylprimidinol Bisulfite (source of Vitamin K Activity), Biotin, Mineral Oil, Folic Acid, D-Activated Animal Sterol (source of Vitamin D3), Vitamin B12 Supplement, Ethylenediamine Dihydriodide, Sodium Selenite, Thiamine Mononitrate, Pyridoxine Hydrochloride, Ascorbic Acid, Yucca Schidegera, Natural and Artificial Flavors.

## FEEDING DIRECTIONS

Begin feeding AG LAND EXPRESS START at one week of age. Feed 3 to 5 pounds per pig to enable them to get off to a fast start.

For runt of orphaned pigs: Feed AG LAND EXPRESS START as the sole ration until pigs weigh about 15 pounds. AG LAND EXPRESS START should be fed in small quantities several times daily to assume fresh food.

**STORAGE:** Store in cool dry place. Never leave open bags of AG LAND EXPRESS START in the farrowing or nursery facility. Absorption of building gases will cause off-flavor and reduced consumption.

**WARNING:** Do not feed to swine weighing more than 75 lb. body weight. Do not feed to swine within 10 weeks of slaughter. Do not use in feeds containing less than 15% crude protein.

**CAUTION:** Consult veterinarian before feeding to severely debilitated animals. Do not use in feeds containing Bentonite. Feed continuously as the sole ration.

Mecadox® is Pfizer Inc.'s trademark for carbadox.

Pfizer Inc., New York, New York 10017

**Manufactured By  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358**

NET WT 40 LB (18.2 kg)

LOT#

# AG LAND EXPRESS WEAN

## MEDICATED

To increase the digestibility of Phytin-Bound Phosphorous in complete swine starter diets

Control of swine dysentery associated with *Brachyspira hyodysenteriae* susceptible to Tiamulin. Treatment of bacterial enteritis caused by *Escherichia coli* and *Salmonella choleraesuis* and bacterial pneumonia caused by *Pasteurella multocida* susceptible to Chlortetracycline.

## ACTIVE DRUG INGREDIENTS

Tiamulin hydrogen fumarate.....	35 gm/ton
Chlortetracycline.....	400 gm/ton

## GUARANTEED ANALYSIS

Crude Protein, Min.....	22.00%
Lysine, Min.....	1.50%
Crude Fat, Min.....	6.00%
Crude Fiber, Max.....	3.00%
Calcium (Ca), Min.....	0.80%
Calcium (Ca), Max.....	1.30%
Phosphorus (P), Min.....	0.90%
Salt (NaCl), Min.....	0.75%
Salt (NaCl), Max.....	1.25%
Selenium (Se), Min.....	0.3 ppm
Zinc(Zn), Min.....	3,000 ppm
Phytase ( <i>Schizosaccharomyces pombe</i> ), Min.....	227 FYT/lb

\*One unit of phytase activity (FYT) defined as the quantity of enzyme which liberates 1 micromol of inorganic phosphorus per minute.

## INGREDIENTS

Animal Protein Products, Grain Products, Plant Protein Products, Animal Plasma Pork Fat (preserved with BHA), Roughage Products, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Sodium Bentonite, L-Lysine, Phosphoric Acid, Lactic Acid, Citric Acid, Silicon Dioxide, Mineral Oil, Vitamin E Supplement, D-L Methionine Hydroxy Analogue, Salt, Natural and Artificial Flavors, Vitamin C Supplement, Propionic Acid (a preservative), L-Tryptophan, Menadione Dimethylpyrimidinol bisulfate (source of Vitamin K activity), Dried *Schizosaccharomyces Pombe* Fermentation Product (phytase), Manganous Oxide, Biotin, Copper Sulfate, Niacin Supplement, Dried Yeast Fermentation Solubles, Selenium Yeast, Brewer's Dried Yeast Pantothenic Acid, Chromium Propionate, L-Threonine, Dried *Bacillus subtilis* Fermentation Product, Copper Chloride, Choline Chloride, Potassium Chloride, Ferrous Sulfate, Ethoxyquin (a preservative), Riboflavin Supplement, Pyridoxine Hydrochloride, Folic Acid, Thiamine Mononitrate, Vitamin B12 Supplement, Vitamin A Acetate, Sodium Selenite, Zinc Oxide, Vitamin A Supplement, Vitamin D Supplement, Ethylenediamine Dihydriodide, *Yucca Schidigera* Extract, Dried *Bacillus Licheniformis* Product.

*This product has been formulated specifically for swine and is not intended for other species.*

## FEEDING DIRECTIONS

Feed as the sole ration to starting pigs weighing 9 to 12 pounds at the rate of 0.5 pound per 10 pounds body weight to provide 10 milligrams per pound of Chlortetracycline per pound of body weight per day to early weaned pigs less than 20 days of age. A constant supply of clean, fresh drinking water is necessary for optimum results.

**WARNING:** Withdraw medicated feed 2 days before slaughter.

**CAUTION:** Do not feed to animals other than swine. Use as the only source of Tiamulin and Chlortetracycline. Swine being treated with Tiamulin should not have access to feeds containing polyether ionophores (e.g., Monensin, Lasalocid, Narasin, Salinomycin and Semduramincin) as adverse reactions may occur. If signs of toxicity occur, discontinue use of medicated feeds.

**SPECIAL CONSIDERATIONS:** Protect medicated feeds from excessive temperatures. Do not store at warm temperatures, 104 F (40C) for more than 7 days.

**LIMITATIONS FOR USE:** Feed continuously as sole ration for 14 days. Not for use in swine weighing more than 250lb. Feed approximately 400g/ton Chlortetracycline, varying with bodyweight and feed consumption to provide 10 mg/lb of bodyweight per day.

**Manufactured For  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358**

NET WT 50 LB (22.7 KG)

LOT#

# AG LAND HIGH FAT MILK 200 FOR BABY PIGS

For the manufacturer of pre-starter and starter pig feeds

## GUARANTEED ANALYSIS

Crude Protein, Min.....	18.00%
Lysine, Min.....	1.00%
Crude Fat, Min.....	22.00%
Crude Fiber, Max.....	3.00%

## INGREDIENTS

Rolled Oats, Dried Whey, Dry Fat, Cheese Powder, Fish Meal, Sugar, Spray-Dried Animal Plasma, Processed Grain By-Products, L-Lysine, Ethoxyquin (Preservative), Active Dry Yeast, Calcium Carbonate, Brewers Dried Yeast, Brewers Dried Grains, Niacin Supplement, Choline Chloride, Pyridoxine Hydrochloride, Vitamin B 12 Supplement, Calcium Pantothenate, Riboflavin Supplement, Menadione Sodium Bisulfate Complex (Source of Vitamin K), Folic Acid, Biotin, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Thiamine Mononitrate, Cobalt Carbonate, Artificial and Natural Flavors.

## FEEDING DIRECTIONS

AG LAND HIGH FAT MILK 200 is designed to be fed in combination with AG LAND PIG STARTER 135 AND PIG STARTER 135/CB in the AG LAND grind and mix Pig Starter Programs.

## DIRECTIONS FOR USE

	20% Protein Starter	20% Protein Starter	18% Protein Starter	18% Protein Starter	Runt or Orphan Pigs
Corn	1055 lbs.	1115 lbs.	1175 lbs.	1215 lbs.	885 lbs.
Soybean Meal 44%	610 lbs.	0 lbs.	490 lbs.	0 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	550 lbs.	0 lbs.	450 lbs.	580 lbs.
Pig Starter 135 or 135/CB	135 lbs.	135 lbs.	135 lbs.	135 lbs.	135 lbs.
High Fat Milk 200	<u>200 lbs.</u>	<u>200 lbs.</u>	<u>200 lbs.</u>	<u>200 lbs.</u>	<u>400 lbs.</u>
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

NOTE: AG LAND HIGH FAT MILK 200 does not contain Medication or added Selenium and may be added to any of AG LAND'S PIG STARTER PROGRAMS.

**Manufactured By  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358  
gro-tec@hotmail.com**

NET WT 50 LB (22.7 kg)

LOT#

# AG LAND PIG STARTER 135

For the manufacturer of swine starter and grower complete feeds

## GUARANTEED ANALYSIS

Crude Protein, Min.....	10.00%
Lysine, Min.....	4.10%
Crude Fat, Min.....	3.00%
Crude Fiber, Max.....	2.00%
Calcium (Ca), Min.....	10.50%
Calcium (Ca), Max.....	12.50%
Phosphorous (P), Min.....	6.00%
Salt (NaCl), Min.....	4.50%
Salt (NaCl), Max.....	5.50%
Copper (Cu), Min.....	3,500 ppm
Selenium (Se), Min.....	4 ppm
Zinc (Zn), Min.....	4,800 ppm
Vitamin A, Min.....	110,000 IU/lb
Vitamin D, Min.....	42,000 IU/lb
Vitamin E, Min.....	500 IU/lb
Choline, Min.....	5,000 ppm

## INGREDIENTS

Monocalcium Phosphate, Dried Whey, Calcium Carbonate, L-Lysine, Salt, Processed Grain By-Products, Cheese Powder, Fish Meal, Dry Fat, Copper Sulfate, Sugar, Mineral Oil, Choline Chloride, Zinc Sulfate, Zinc Oxide, Vitamin E Supplement, Zinc Amino Acid Complex, Ferrous Sulfate, Calcium Pantothenate, Copper Amino Acid Complex, Ferrous Amino Acid Complex, Manganese Amino Acid Complex, Niacin Supplement, Manganese Sulfate, Vitamin A Supplement, Selenium/Yeast Complex, D-Activated Animal Sterol (Source of Vitamin D3), Riboflavin Supplement, Menadione Sodium Bisulfate Complex (Source of Vitamin K), Active Dry Yeast, Vitamin B 12 Supplement, Ethylenediamine Dihydriodide, Folic Acid, Ethoxyquin (Preservative), Biotin, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Pyridoxine Hydrochloride, Thiamine Mononitrate, Cobalt Carbonate, Artificial and Natural Flavors.

## DIRECTIONS FOR USE

Mix AG LAND PIG STARTER 135 as follows to develop a complete feed.

	20% Protein <u>Starter</u>	20% Protein <u>Starter</u>	18% Protein <u>Grower</u>	18% Protein <u>Grower</u>
Corn	1055 lbs.	1115 lbs.	1175 lbs.	1215 lbs.
Soybean Meal 44%	610 lbs.	0 lbs.	490 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	550 lbs.	0 lbs.	450 lbs.
Ag Land Pig Starter 135	135 lbs.	135 lbs.	135 lbs.	135 lbs.
Ag Land High Fat Milk 200	<u>200 lbs.</u>	<u>200 lbs.</u>	<u>200 lbs.</u>	<u>200 lbs.</u>
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

**Manufactured By  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358**

NET WT 45 LB (20.45 kg)

LOT#

# AG LAND

## SWINE GENO GROWER 55

For the manufacturer of growing swine complete feeds

### GUARANTEED ANALYSIS

Calcium (Ca), Min.....	22.00%
Calcium (Ca), Max.....	26.00%
Phosphorous (P), Min.....	9.00%
Salt (NaCl), Min.....	7.00%
Salt (NaCl), Max.....	9.00%
Iodine (I), Min.....	10 ppm
Selenium (Se), Min.....	10 ppm
Zinc (Zn), Min.....	2,000 ppm
Vitamin A, Min.....	110,000 IU/lb
Vitamin D, Min.....	15,000 IU/lb
Vitamin E, Min.....	550 IU/lb
Choline, Min.....	7,000 ppm

### INGREDIENTS

Monocalcium Phosphate, Calcium Carbonate, Salt, Choline Chloride, Magnesium Oxide, Mineral Oil, Menadione Sodium Bisulfate Complex (Source of Vitamin K), Processed Grain By-Products, Vitamin E Supplement, Zinc Sulfate, Zinc Amino Acid Complex, Zinc Oxide, Calcium Pantothenate, Manganous Oxide, Niacin Supplement, Ferrous Sulfate, Copper Sulfate, Ferrous Amino Acid Complex, Vitamin B 12 Supplement, Selenium/Yeast Complex, Vitamin A Supplement, Manganese Sulfate, Riboflavin Supplement, Active Dry Yeast, Copper Amino Acid Complex, D-Activated Animal Sterol (Source of Vitamin D3), Cobalt Carbonate, Ethylenediamine Dihydriodide, Folic Acid, Ethoxyquin (Preservative), Biotin, Sugar, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Pyridoxine Hydrochloride, Thiamine Mononitrate and Natural Flavors.

### DIRECTIONS FOR USE

AG LAND SWINE GENO GROWER 55 is a quality premix designed to fortify growing rations with Choline, major and trace minerals, and vitamins for optimum performance in pigs weighing 40 to 125 pounds.

AG LAND SWINE GENO GROWER 55 is packaged in a 55 lb. multi-walled bag and should be added to a ton mix at the rate of 55 lbs. (one bag).

### MIXING DIRECTIONS

	<u>16% Protein</u>	<u>16% Protein</u>	<u>14% Protein</u>	<u>14% Protein</u>
Corn	1515 lbs.	1555 lbs.	1625 lbs.	1655 lbs.
Soybean Meal 44%	430 lbs.	0 lbs.	320 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	390 lbs.	0 lbs.	290 lbs.
Ag Land Geno Grower 55	<u>55 lbs.</u>	<u>55 lbs.</u>	<u>55 lbs.</u>	<u>55 lbs.</u>
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

**Manufactured By**  
**GRO-TEC, INC.**  
**10324 W US HWY 36**  
**MODOC, IN 47358**  
**gro-tec@hotmail.com**

NET WT 55 LB (25.0 kg)

LOT#

# AG LAND SWINE GENO GROWER FINISHER 50

For the manufacturer of growing/finishing swine complete feeds

## GUARANTEED ANALYSIS

Calcium (Ca), Min.....	22.00%
Calcium (Ca), Max.....	26.00%
Phosphorous (P), Min.....	9.00%
Salt (NaCl), Min.....	7.00%
Salt (NaCl), Max.....	9.00%
Iodine (I), Min.....	12 ppm
Selenium (Se), Min.....	10 ppm
Zinc (Zn), Min.....	2,300 ppm
Vitamin A, Min.....	115,000 IU/lb
Vitamin D, Min.....	17,000 IU/lb
Vitamin E, Min.....	600 IU/lb
Choline, Min.....	7,700 ppm

## INGREDIENTS

Monocalcium Phosphate, Calcium Carbonate, Salt, Choline Chloride, Magnesium Oxide, Mineral Oil, Menadione Sodium Bisulfate Complex (Source of Vitamin K), Processed Grain By-Products, Vitamin E Supplement, Zinc Sulfate, Zinc Oxide, Calcium Pantothenate, Zinc Amino Acid Complex, Manganous Oxide, Niacin Supplement, Ferrous Sulfate, Ferrous Amino Acid Complex, Copper Sulfate, Vitamin B 12 Supplement, Manganese Sulfate, Vitamin A Supplement, Manganese Amino Acid Complex, Selenium/Yeast Complex, Riboflavin Supplement, Active Dry Yeast, Copper Amino Acid Complex, Cobalt Carbonate, D-Activated Animal Sterol (Source of Vitamin D3), Ethylenediamine Dihydriodide, Folic Acid, Ethoxyquin (Preservative), Biotin, Sugar, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Pyridoxine Hydrochloride, Thiamine Mononitrate and Natural Flavors.

## DIRECTIONS FOR USE

AG LAND SWINE GENO GROWER FINISHER 50 is a quality premix designed to fortify growing and finishing rations with Choline, major and trace minerals, and vitamins for optimum performance in pigs weighing 40 to 125 pounds.

AG LAND SWINE GENO GROWER FINISHER 50 is packaged in a 50 lb. multi-walled bag and should be added to a ton mix at the rate of 50 lbs. (one bag).

## MIXING DIRECTIONS

	<u>16% Protein</u>	<u>16% Protein</u>	<u>14% Protein</u>	<u>14% Protein</u>
Corn	1520 lbs.	1560 lbs.	1630 lbs.	1660 lbs.
Soybean Meal 44%	430 lbs.	0 lbs.	320 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	390 lbs.	0 lbs.	290 lbs.
Ag Land Geno Gro/Fin 50	<u>50 lbs.</u>	<u>50 lbs.</u>	<u>50 lbs.</u>	<u>50 lbs.</u>
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

**Manufactured By  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358**

NET WT 50 LB (22.7 kg)

LOT#

# AG LAND

## SWINE GENO FINISHER 45

For the manufacturer of growing swine complete feeds

### GUARANTEED ANALYSIS

Calcium (Ca), Min.....	22.00%
Calcium (Ca), Max.....	26.00%
Phosphorous (P), Min.....	8.50%
Salt (NaCl), Min.....	7.00%
Salt (NaCl), Max.....	9.00%
Iodine (I), Min.....	10 ppm
Selenium (Se), Min.....	10 ppm
Zinc (Zn), Min.....	2,700 ppm
Vitamin A, Min.....	100,000 IU/lb
Vitamin D, Min.....	14,000 IU/lb
Vitamin E, Min.....	525 IU/lb
Choline, Min.....	4,450 ppm

### INGREDIENTS

Calcium Carbonate, Monocalcium Phosphate, Salt, Magnesium Oxide, Mineral Oil, Choline Chloride, Zinc Sulfate, Processed Grain By-Products, Menadione Sodium Bisulfate Complex (Source of Vitamin K activity), Zinc Amino Acid Complex, Vitamin E Supplement, Manganese Sulfate, Ferrous Amino Acid Complex, Calcium Pantothenate, Manganese Amino Acid Complex, Ferrous Sulfate, Niacin Supplement, Copper Sulfate, Vitamin B12 Supplement, Copper Amino Acid Complex, Selenium/Yeast Complex, Vitamin A Supplement, Riboflavin Supplement, Active Dry Yeast, Cobalt Carbonate, D-Activated Animal Sterol (Source of Vitamin D3), Ethylenediamine Dihydriodide, Folic Acid, Ethoxyquin (Preservative), Biotin, Sugar, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Pyridoxine Hydrochloride, Thiamine Mononitrate and Natural Flavors.

### DIRECTIONS FOR USE

AG LAND SWINE GENO FINISHER 45 is a quality premix designed to fortify growing rations with Choline, major and trace minerals, and vitamins for optimum performance in pigs weighing 125 pounds to market weight.

AG LAND SWINE GENO FINISHER 45 is packaged in a 45 lb. multi-walled bag and should be added to a ton mix at the rate of 45 lbs. (one bag).

### MIXING DIRECTIONS

	<u>16% Protein</u>	<u>16% Protein</u>	<u>14% Protein</u>	<u>14% Protein</u>
Corn	1525 lbs.	1565 lbs.	1635 lbs.	1665 lbs.
Soybean Meal 44%	430 lbs.	0 lbs.	320 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	390 lbs.	0 lbs.	290 lbs.
Ag Land Geno Finisher 45	<u>45 lbs.</u>	<u>45 lbs.</u>	<u>45 lbs.</u>	<u>45 lbs.</u>
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

**Manufactured By**  
**GRO-TEC, INC.**  
**10324 W US HWY 36**  
**MODOC, IN 47358**

NET WT 45 LB (20.5 kg)

LOT#



# AG LAND SUPER FAT

Liquid fat for swine rations

## GUARANTEED ANALYSIS

Crude Fat, Min.....	97.00%
Total Fatty Acids, Min.....	85.00%
Free Fatty Acids, Min.....	5.00%
Moisture, Max.....	1.00%
Insolubles, Max.....	0.50%
Unsaponifiables, Max.....	1.00%

## INGREDIENTS

Hydrolyzed Vegetable Fats, Polysorbate 80 and BHT (preservative)

## FEEDING DIRECTIONS

AG LAND SUPER FAT is designed to be added to Swine rations per the following schedule:

Sow Lactation.....	15-40 pounds per ton
Sow Gestation.....	10-20 pounds per ton
Baby Pig.....	15-40 pounds per ton
Grower Rations.....	15-40 pounds per ton
Finisher Rations.....	10-20 pounds per ton
Dust Control.....	10-15 pounds per ton

**NET CONTENTS 5 U.S. GALLONS**

**Manufactured By  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358**

NET WT 40 LB (18.2 kg)

LOT#

# AG LAND AG LAC

For the manufacture of livestock feeds and as a top dress for lactating dairy cows and lactating sows

## GUARANTEED ANALYSIS

Crude Protein, Min.....	10.00%
Crude Fat, Min.....	2.50%
Crude Fiber, Max.....	12.00%
Total Lactic Acid Producing Bacteria, Min.....	5.8 Billion CFU's/lb

## INGREDIENTS

Dried Extracted Streptomyces Fermentation Solubles, Corn Germ Meal, Processed Grain By Products, Dried Lactobacillus acidophilus Fermentation Product, Dried Lactobacillus lactis Fermentation Product, Dried Lactobacillus plantarium Product, Dried Enterococcus cermoris Fermentation Product, Dried Enterococcus dicetylactis Fermentation Product, Dried Bacillus subtilis Fermentation Product, Dried Aspergillus oryzae Fermentation Product, Extracted Streptomyces Fermentation Meal, Dried Fermented Corn Extractives and Dried Yeast.

## FEEDING DIRECTIONS

Lactating Dairy Cows	Top Dress.....	1/2-1 oz/head/day
Lactating Sows	Top Dress.....	1/4-1 oz/head/day

## MIXING DIRECTIONS FOR COMPLETE FEEDS

Cattle	Calves and Incoming Cattle.....	10 lbs./ton
	Beef, Dairy and Feedlot Cattle.....	5 lbs./ton
Horses	Creep.....	10 lbs./ton
	Maintenance and Work.....	5 lbs./ton
Poultry and Turkeys		5 lbs./ton
Swine	Starter, Grower, Finisher, Gestation.....	5 lbs./ton
	Lactation.....	10 lbs./ton
Sheep		5 lbs./ton

Store in a dry place. Do not expose to direct sunlight.

**Manufactured By**  
**GRO-TEC, INC.**  
**10324 W US HWY 36**  
**MODOC, IN 47358**

NET WT 50 LB (22.7 kg)

LOT#

# AG LAND AGRIPONIN

A natural ammonia reductive environmental manager and potential growth aid when included in animal feeds

## GUARANTEED ANALYSIS

Crude Protein.....	22.50%
Crude Fiber.....	7.50%
Crude Fat.....	5.00%

## INGREDIENTS

Biologically active yucca schidigera extract, naturally occurring micro-organisms, natural ingredients and hydrobiotite.

## DIRECTIONS FOR USE

Use AGRIPONIN at recommended rate per ton of complete feed.

Swine	Pre-Starter/Starter (to 50 lbs.).....	2 lb.
	Grower/Finisher.....	1 lb.
	Breeding/Gestation and Lactation.....	1 lb.

Ruminants, Sheep, Poultry, Horse, Mink, Fish, Pet, and Specialty Feeds – Contact a GRO-TEC Sales Representative.

Lagoons or Pits                      Dissolve one (1) lb. into one (1) gallon of water and distribute at one (1) gallon per 100 cubic feet of slurry.

Registrative Number:              Agriculture Canada 980428

Store in Dry Area.

**Manufactured By  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358**

NET WT 50 LB (22.7 kg)

LOT#

# GRO-TEC YEAST EXTRA

For livestock, poultry and pet foods

## GUARANTEED ANALYSIS

Crude Protein, Min.....	23.00%
Crude Fat, Min.....	5.00%
Crude Fiber, Max.....	10.00%
Saccharomyces Cervisiae, Min.....	12 Million CFU's/lb

## INGREDIENTS

Processed Grain By-Products, Roughage Products, Sodium Bentonite, Calcium Carbonate, Dried Yeast, Brewers Dried Grains, *Saccheromyces cervisiae* Fermentation Extract Dehydrated, Dried *Aspergillus oryzae* Fermentation Extract, Dried *Bacillus licheniformis* Fermentation Extract, Dried *Bacillus subtilis* Fermentation Extract and Silicon Dioxide.

## DIRECTIONS FOR USE

GRO-TEC YEAST EXTRA is a feed supplement designed to be mixed with nutritionally balanced complete feeds for Dairy, Beef, Swine, Poultry, Horses, and Companion Animals. It may be Top Dressed on Beef, Dairy, Horse, and Swine feeds.

Dairy	Complete Dairy Ration	5-15 lbs/ton
	Lactation Grain Ration	10-20 lbs/ton
	Top Dress	2.0 oz/head/day
Beef	Grower/Finisher Rations	5-20 lbs/ton
	Top Dress	1-2.0 oz/head/day
Swine	Gestation/Lactation & Starter Rations	10-20 lbs/ton
	Grower/Finisher Rations	5-10 lbs/ton
Poultry	Starter/Breeder & Layer Rations	5-10 lbs/ton
	Broiler Grower/Finisher Rations	2-5 lbs/ton
Horses	Grain Ration	10-20 lbs/ton
	Top Dress	1-2.0 oz/head/day
Cat/Dog	Complete Ration	10-20 lbs/ton

**Manufactured By  
GRO-TEC, INC.  
10324 W US HWY 36  
MODOC, IN 47358**

NET WT 50 LB (22.7 kg)

LOT#  
Patent Pending

# AG LAND

## SWINE GENO GROWER LEAN

For the manufacturer of growing swine complete feeds

### GUARANTEED ANALYSIS

Lysine, Min.....	3.75%
Calcium (Ca), Min.....	20.00%
Calcium (Ca), Max.....	24.00%
Phosphorous (P), Min.....	9.00%
Salt (NaCl), Min.....	7.00%
Salt (NaCl), Max.....	9.00%
Iodine (I), Min.....	10 ppm
Selenium (Se), Min.....	10 ppm
Zinc (Zn), Min.....	2,600 ppm
Vitamin A, Min.....	95,000 IU/lb
Vitamin D, Min.....	14,000 IU/lb
Vitamin E, Min.....	490 IU/lb
Choline, Min.....	7,900 ppm

### INGREDIENTS

Monocalcium Phosphate, Calcium Carbonate, Salt, L-Lysine, Choline Chloride, Magnesium Oxide, Mineral Oil, Zinc Amino Acid Complex, Menadione Sodium Bisulfate Complex (Source of Vitamin K), Processed Grain By-Products, Vitamin E Supplement, Ferrous Amino Acid Complex, Manganese Amino Acid Complex, Zinc Sulfate, Manganese Sulfate, Calcium Pantothenate, Zinc Oxide, Copper Amino Acid Complex, Niacin Supplement, Ferrous Sulfate, Vitamin B 12 Supplement, Selenium/Yeast Complex, Vitamin A Supplement, Riboflavin Supplement, Copper Sulfate, Active Dry Yeast, D-Activated Animal Sterol (Source of Vitamin D3), Ethylenediamine Dihydriodide, Folic Acid, Ethoxyquin (Preservative), Biotin, Sugar, Yeast Culture, Dried Bacillus subtilis Fermentation Extract, Dried Aspergillus oryzae Fermentation Extract, Dried Trichoderma reesi Fermentation Extract, Lactobacillus acidophilus Fermentation Product Dehydrated, Lactobacillus casei Fermentation Product Dehydrated, Bifidobacterium thermophilum Fermentation Product Dehydrated, Enterococcus faecium Product Dehydrated, Sodium Selenite, Pyridoxine Hydrochloride, Thiamine Mononitrate and Natural Flavors.

### DIRECTIONS FOR USE

AG LAND SWINE GENO GROWER LEAN is a quality premix designed to fortify growing rations with Choline, major and trace minerals, and vitamins for optimum performance in pigs weighing 40 to 125 pounds.

AG LAND SWINE GENO GROWER LEAN is packaged in a 60 lb. multi-walled bag and should be added to a ton mix at the rate of 60 lbs. (one bag).

### MIXING DIRECTIONS

	<u>16% Protein</u>	<u>16% Protein</u>	<u>14% Protein</u>	<u>14% Protein</u>
Corn	1610 lbs.	1650 lbs.	1720 lbs.	1750 lbs.
Soybean Meal 44%	330 lbs.	0 lbs.	220 lbs.	0 lbs.
Soybean Meal 48%	0 lbs.	290 lbs.	0 lbs.	190 lbs.
Ag Land Geno Grower Lean	<u>60 lbs.</u>	<u>60 lbs.</u>	<u>60 lbs.</u>	<u>60 lbs.</u>
	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.

**Manufactured By**  
**GRO-TEC, INC.**  
**10324 W US HWY 36**  
**MODOC, IN 47358**

NET WT 60 LB (27.3 kg)

LOT#

