

WNS DDG BEEF FINISHER MON25

MEDICATED

Beef Cattle - Feedlot Supplement

Improved feed efficiency in cattle fed in confinement for slaughter

ACTIVE DRUG INGREDIENTS

Monensin 25

G/TON

GUARANTEED ANALYSIS

Crude Protein, min	12.0	%	Phosphorus, min	none added
Crude Fat, min	4.0	%	Salt, min	0.1 %
Crude Fiber, max	7.5	%	Salt, max	0.6 %
Calcium, min	0.3	%	Vitamin A, min	1,500 IU/LB
Calcium, max	0.8	%		

INGREDIENTS

Grain products, processed grain by-products, calcium carbonate, plant protein products, salt, pork fat (preserved with BHA), molasses products, zinc sulfate, ferrous sulfate, manganese sulfate, copper sulfate, selenium yeast, ethylenediamine dihydroiodide, roughage products, thiamine mononitrate, vitamin E supplement, mineral oil, vegetable oil, vitamin A supplement, vitamin D-3 supplement, cobalt carbonate

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

This product has been formulated specifically for beef cattle and is not intended for other species.

Caution: Follow label directions. The addition to feed of higher levels of this supplement containing added selenium is not permitted.

FEEDING DIRECTIONS:

Each pound of WNS DDG Beef Finisher MON25 contains 12.5 milligrams Monensin. Feed WNS DDG Beef Finisher MON25 continuously to provide each beef animal with not less than 50 nor more 350 milligrams Monensin per head per day. Always provide clean, fresh water.

WARNING: Do not use in calves to be processed for veal. A withdrawal period has not been established for this product in pre-ruminating calves.

CAUTION: Do not allow horses or other equines access to formulations containing Monensin. Ingestion of Monensin by equines has been fatal. Do not feed undiluted. Monensin medicated cattle and goat feeds are safe for cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentration of Monensin in the refusals and amount of refusals fed should be taken into consideration to prevent Monensin overdosing. Feeding undiluted or mixing errors resulting in high concentrations of Monensin has been fatal to cattle and could be fatal to goats.

WAKARUSA NUTRITIONAL SERVICE

600 Indiana Avenue

Wakarusa IN 46573

Net Weight 50 lb (22.68 kg) or bulk invoice.

REV 08/20



WNS 18% CALF STARTER R56 CRACKED

MEDICATED

Dairy Calf Starter

For the prevention coccidiosis caused by *Eimeria bovis* and *Eimeria zuernii*.

ACTIVE DRUG INGREDIENTS

Monensin

56 G/TON

GUARANTEED ANALYSIS

Crude Protein, min	18.0	%	Salt, min	0.4	%
Crude Fat, min	3.5	%	Salt, max	0.9	%
Crude Fiber, max	7.0	%	Magnesium, min	0.3	%
Acid Detergent Fiber, max	8.0	%	Selenium, min	0.6	PPM
Calcium, min	0.7	%	Vitamin A, min	11,700	IU/LB
Calcium, max	1.2	%	Vitamin D, min	2,900	IU/LB
Phosphorus, min	0.5	%	Vitamin E, min	78	IU/LB

INGREDIENTS

Grain products, plant protein products, processed grain by-products, molasses products, calcium carbonate, vegetable oil, calcium phosphate, salt, sodium benfonate, pork fat (preserved with BHA), magnesium oxide, sodium selenite, hydrated sodium aluminosilicate, calcium salts of long-chain fatty acids, natural and artificial flavor, magnesium sulfate, potassium sulfate, propionic acid (a preservative), vitamin E supplement, ferrous sulfate, zinc oxide, roughage products, sodium carboxymethylcellulose, manganous oxide, zinc sulfate, manganese sulfate, copper sulfate, cobalt carbonate, ethylenediamine dihydroiodide, vitamin A supplement, choline chloride, vitamin D-3 supplement, niacin supplement, d-calcium pantothenate, menadione sodium bisulfite complex (source of vitamin K activity), riboflavin supplement, vitamin B-12 supplement.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

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

FEEDING DIRECTIONS:

Feed WNS 18% Calf Starter R56 continuously at the rate of 0.5 - 3.5 pounds per 100 pounds of body weight per day to provide 0.14 - 1.0 milligrams Monensin per pound of body weight up to 200 mg/hd/day depending on the severity of challenge. Offer clean, fresh water constantly.

WARNING: Do not use in calves to be processed for veal. A withdrawal period has not been established for this product in pre-ruminating calves.

CAUTION: Do not allow horses or other equines access to formulations containing Monensin. Ingestion of Monensin by equines has been fatal. Do not feed undiluted. Monensin medicated cattle and goat feeds are safe for cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentration of Monensin in the refusals and amount of refusals fed should be taken into consideration to prevent Monensin overdosing. Feeding undiluted or mixing errors resulting in high concentrations of Monensin has been fatal to cattle and could be fatal to goats.

Hubbard does not use "Restricted-use Proteins" in their products and is in compliance with FDA and state requirements regarding the use, handling and storage of "Restricted-use Protein" products.

WAKARUSA NUTRITIONAL SERVICE

600 Indiana Avenue

Wakarusa IN 46573

Net Weight 50 lb. (22.68 kg) or bulk invoice.



112017

WNS 15% CALF GROWER R40

MEDICATED

Growing Dairy Heifers (4-22 Months)

For the prevention coccidiosis caused by *Eimeria bovis* and *Eimeria zuernii*

ACTIVE DRUG INGREDIENTS

Monensin

40 G/TON

GUARANTEED ANALYSIS

Crude Protein, min	15.0	%	Salt, min	0.1	%
Crude Fat, min	4.0	%	Salt, max	0.6	%
Crude Fiber, max	6.0	%	Magnesium, min	0.2	%
Acid Detergent Fiber, max	7.0	%	Selenium, min	0.4	PPM
Calcium, min	0.3	%	Vitamin A, min	8,000	IU/LB
Calcium, max	0.8	%	Vitamin D, min	2,000	IU/LB
Phosphorus, min	0.4	%	Vitamin E, min	56	IU/LB

INGREDIENTS

Grain products, plant protein products, molasses products, processed grain by-products, calcium carbonate, vegetable oil, calcium phosphate, salt, sodium bentonite, pork fat (preserved with BHA), magnesium oxide, sodium selenite, hydrated sodium aluminosilicate, calcium salts of long-chain fatty acids, natural and artificial flavor, magnesium sulfate, potassium sulfate, propionic acid (a preservative), vitamin E supplement, ferrous sulfate, zinc oxide, roughage products, sodium carboxymethylcellulose, manganese oxide, zinc sulfate, manganese sulfate, copper sulfate, cobalt carbonate, ethylenediamine dihydroiodide, vitamin A supplement, choline chloride, vitamin D-3 supplement, niacin supplement, d-calcium pantothenate, menadione sodium bisulfite complex (source of vitamin K activity), riboflavin supplement, vitamin B-12 supplement.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

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

FEEDING DIRECTIONS:

Feed WNS 15% Calf Grower R40 continuously at the rate of 0.7 - 5 pounds per 100 pounds of body weight per day to provide 0.14 - 1.0 milligrams Monensin per pound of body weight up to 200 mg/hd/day depending on the severity of challenge. Offer clean, fresh water constantly. Avoid feeding hay prior to weaning.

WARNING: Do not use in calves to be processed for veal. A withdrawal period has not been established for this product in pre-ruminating calves.

CAUTION: Do not allow horses or other equines access to formulations containing Monensin. Ingestion of Monensin by equines has been fatal. Do not feed undiluted. Monensin medicated cattle and goat feeds are safe for cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentration of Monensin in the refusals and amount of refusals fed should be taken into consideration to prevent Monensin overdosing. Feeding undiluted or mixing errors resulting in high concentrations of Monensin has been fatal to cattle and could be fatal to goats.

WAKARUSA NUTRITIONAL SERVICE

600 Indiana Avenue

Wakarusa IN 46573

Net Weight 50 lb. (22.68 kg) or bulk invoice

070219



WNS 12% CALF GROWER R24 CRUSHED

MEDICATED

Growing Dairy Heifers (4-22 Months)

For the prevention coccidiosis caused by *Eimeria bovis* and *Eimeria zuernii*

ACTIVE DRUG INGREDIENTS

Monensin

24 G/TON

GUARANTEED ANALYSIS

Crude Protein, min	12.0	%	Salt, min	0.1	%
Crude Fat, min	4.0	%	Salt, max	0.6	%
Crude Fiber, max	6.0	%	Magnesium, min	0.1	%
Acid Detergent Fiber, max	7.0	%	Selenium, min	0.2	PPM
Calcium, min	0.2	%	Vitamin A, min	5,000	U/LB
Calcium, max	0.7	%	Vitamin D, min	1,200	U/LB
Phosphorus, min	0.3	%	Vitamin E, min	33	U/LB

INGREDIENTS

Grain products, plant protein products, molasses products, processed grain by products, vegetable oil, calcium carbonate, calcium phosphate, salt, sodium benzoate, pork fat, preserved with BHA, magnesium oxide, sodium selenite, hydrated sodium aluminosilicate, calcium salts of long-chain fatty acids, natural and artificial flavor, magnesium sulfate, potassium sulfate, propionic acid (a preservative), vitamin E supplement, ferrous sulfate, zinc oxide, roughage products, sodium carboxymethylcellulose, manganous oxide, zinc sulfate, manganese sulfate, copper sulfate, cobalt carbonate, ethylenediamine dihydroiodide, vitamin A supplement, choline chloride, vitamin D-3 supplement, niacin supplement, D-calcium pantothenate, menadione sodium bisulfite complex (source of vitamin K activity), nicotinic supplement, vitamin B-12 supplement.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

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

FEEDING DIRECTIONS:

Feed WNS 12% Calf Grower R24 continuously at the rate of 1.16 - 8.33 pounds per 100 pounds of body weight per day to provide 0.14 - 1.0 milligrams Monensin per pound of body weight up to 200 mg/head/day depending on the severity of challenge. Offer clean, fresh water constantly.

WARNING: Do not use in calves to be processed for veal. A withdrawal period has not been established for this product in pre-ruminating calves.

CAUTION: Do not allow horses or other equines access to formulations containing Monensin. Ingestion of Monensin by equines has been fatal. Do not feed undiluted Monensin medicated cattle and goat feeds are safe for cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentration of Monensin in the refusals and amount of refusals fed should be taken into consideration to prevent Monensin overdosing. Feeding undiluted or mixing errors resulting in high concentrations of Monensin has been fatal to cattle and could be fatal to goats.

Hubbard does not use "Restricted-use Proteins" in their products and is in compliance with FDA and state requirements regarding the use, handling and storage of "Restricted-use Protein" products.

WAKARUSA NUTRITIONAL SERVICE
600 Indiana Avenue
Wakarusa, N 46573
Net Weight 50 lb. (22.68 kg) or bulk invoice



112017

WNS 80 Plus

To Increase the Digestibility of Phytin-Bound Phosphorus in Complete Swine
Grow/Finish Diets

GUARANTEED ANALYSIS

Crude Protein, min	13.5	%	Phosphorus, min	0.4	%
Lysine, min	0.9	%	Salt, min	0.1	%
Crude Fat, min	2.5	%	Salt, max	0.6	%
Crude Fiber, max	3.0	%	Selenium, min	0.22	PPM
Calcium, min	0.2	%	Zinc, min	98	PPM
Calcium, max	0.7	%	Phytase (Trichoderma reesei), min	222.0	FTU/LB*

*One unit of phytase activity (FTU) is defined as the quantity of enzyme which liberates 1 micromol of inorganic phosphorus per minute. Environmental factors such as feed pH, moisture, and processing methods such as pelleting or extrusion may affect enzyme activity.

INGREDIENTS

Grain products, plant protein products, calcium carbonate, calcium phosphate, salt, L-lysine, L-threonine, dl-methionine hydroxyl analogue, potassium chloride, vegetable oil, zinc oxide, roughage products, ferrous sulfate, copper sulfate, tryptophan, manganous oxide, manganese sulfate, selenium yeast, vitamin E supplement, zinc sulfate, dried Trichoderma reesei fermentation extract (phytase), niacin supplement, basic copper chloride, calcium pantothenate, ethylenediamine dihydroiodide, menadione sodium bisulfate complex, mineral oil, vitamin A supplement, riboflavin supplement, vitamin B-12 supplement, vitamin D-3 supplement.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.
This product has been formulated specifically for swine and is not intended for other species.

FEEDING DIRECTIONS:

Feed as ration in all grower and finisher phases. Feed according to bodyweight. Provide clean, fresh water.

WAKARUSA NUTRITIONAL SERVICES

600 Indiana Avenue
Wakarusa, IN 46573

Net Weight 50 lb (22.68 kg) or bulk invoice.

111918

WNS NURSERY PLUS

To Increase the Digestibility of Phytin-Bound Phosphorus in Complete Swine Starter Diets

GUARANTEED ANALYSIS

Crude Protein, min	18.0	%	Phosphorus, min	0.5	%
Lysine, min	1.3	%	Salt, min	0.2	%
Crude Fat, min	4.5	%	Salt, max	0.7	%
Crude Fiber, max	3.0	%	Selenium, min	0.3	PPM
Calcium, min	0.4	%	Zinc, min	120	PPM
Calcium, max	0.9	%	Phytase (Trichoderma reesei), min	910.0	FTU/LB*

*One unit of phytase activity (FTU) is defined as the quantity of enzyme which liberates 1 micromol of inorganic phosphorus per minute. Environmental factors such as feed pH, moisture, and processing methods such as pelleting or extrusion may affect enzyme activity.

INGREDIENTS

Grain products, plant protein products, dry animal fat, calcium carbonate, calcium phosphate, salt, L-lysine, sodium bentonite, dl-methionine hydroxy analogue, L-threonine, potassium chloride, roughage products, vegetable oil, basic copper chloride, zinc oxide, dried Trichoderma reesei fermentation extract (phytase), ferrous sulfate, fumaric acid, copper sulfate, benzoic acid (a preservative), phosphoric acid, manganous oxide, manganese sulfate, citric acid, lactic acid, selenium yeast, vitamin E supplement, tryptophan, vitamin A supplement, zinc sulfate, vitamin D-3 supplement, silicon dioxide, niacin supplement, vitamin B-12 supplement, riboflavin supplement, thiamine mononitrate, folic acid, d-calcium pantothenate, ethylenediamine dihydroiodide, biotin, pyridoxine hydrochloride, calcium pantothenate, menadione sodium bisulfite complex (source of vitamin K activity), menadione sodium bisulfate complex, mineral oil.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

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

FEEDING DIRECTIONS:

Feed as first nursery feed to pigs weighing 20 to 50 pounds. Feed according to bodyweight. Provide clean, fresh water.

WAKARUSA NUTRITIONAL SERVICES

600 Indiana Avenue

Wakarusa, IN 46573

Net Weight 50 lb (22.68 kg)

111318

WNS 38% DAIRY SUPPLEMENT MULTISPECIES

Multi Species Concentrate for Lactating Dairy Cattle and Goats

GUARANTEED ANALYSIS

Crude Protein, min	38.0	%	Salt, max	1.9	%
Crude Fat, min	2.0	%	Magnesium, min	0.4	%
Crude Fiber, max	12.0	%	Copper, min	65	PPM
Acid Detergent Fiber, max	14.0	%	Copper, max	115	PPM
Calcium, min	1.4	%	Selenium, min	1.5	PPM
Calcium, max	1.9	%	Vitamin A, min	22,000	IU/LB
Phosphorus, min	1.0	%	Vitamin D, min	5,500	IU/LB
Salt, min	1.4	%	Vitamin E, min	71	IU/LB

INGREDIENTS

Plant protein products, processed grain by-products, molasses products, calcium carbonate, calcium phosphate, salt, vegetable oil, sodium carboxymethylcellulose, magnesium oxide, manganese oxide, zinc oxide, roughage products vitamin E supplement, manganese sulfate, selenium yeast, zinc sulfate, copper sulfate, ferrous sulfate, vitamin A supplement, mineral oil, choline chloride, sodium aluminosilicate, ethylenediamine dihydroiodide, cobalt carbonate vitamin D-3 supplement, niacin supplement, d-calcium pantothenate, menadione sodium bisulfite complex (source of vitamin K activity), riboflavin supplement, vitamin B-12 supplement.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

This product has been formulated specifically for dairy cattle and goats and is not intended for other species.

Caution: Follow label directions. The addition to feed of higher levels of this supplement containing added selenium is not permitted.

FEEDING DIRECTIONS:

Use the following table to make a complete concentrate of varying protein levels.

CP%	Grain Source	Amount per Ton	
		Supplement, lb	Grain, lb
14%	1) Shelled corn	450	1550
	2) ½ shelled corn & ½ oats/barley	325	1675
16%	1) Shelled corn	575	1425
	2) ½ shelled corn & ½ oats/barley	475	1525
18%	1) Shelled corn	700	1300
	2) ½ shelled corn & ½ oats/barley	600	1400

Feed the above concentrates at a level to provide a forage-to-concentrate ratio ranging from 40:60 to 60:40 (DM basis).

Cattle: As a top dress, feed 6-10 pounds/head/day for corn silage-based diets, and 4-8 pounds/head/day for alfalfa-based diets.

For more precise feeding recommendations, refer to the MilkCheck ration balancing guidelines for customizing your ration to meet your cow's nutritional needs.

Goats: As a top dress, feed 0.5-1.0 pound/head/day along with roughage and/or grain.

Hubbard does not use "Restricted-use Proteins" in their products and is in compliance with FDA and state requirements regarding the use, handling and storage of "Restricted-use Protein" products.

HUBBARD FEEDS

111 West Cherry Street Suite 500

Mankato, MN 56001

Net Weight 50 lb (22.68 kg) or bulk invoice



63393

WNS GESTATION

To Increase the Digestibility of Phytin-Bound Phosphorus in Complete Swine Gestation Diets

GUARANTEED ANALYSIS

Crude Protein, min	13.5	%	Salt, min	0.2	%
Lysine, min	0.8	%	Salt, max	0.7	%
Crude Fat, min	2.6	%	Chromium, min	0.2	PPM
Crude Fiber, max	3.0	%	Selenium, min	0.3	PPM
Calcium, min	0.5	%	Zinc, min	99	PPM
Calcium, max	1.0	%	Phytase (Aspergillus niger), min	170.0	FTU/LB*
Phosphorus, min	0.6	%	Xylanase (Trichoderma longibrachiatum), min	39.0	XU/LB**

*One unit of phytase activity (FTU) is defined as the quantity of enzyme which liberates 1 micromol of inorganic phosphorus per minute. Environmental factors such as feed pH, moisture, and processing methods such as pelleting or extrusion, may affect enzyme activity.

**One xylanase unit is the amount of enzyme which liberates 1 micromole of xylose per minute under the conditions of the assay

INGREDIENTS

Grain products, plant protein products, calcium phosphate, calcium carbonate, salt, L lysine, magnesium sulfate, potassium sulfate, choline chloride, zinc proteinate, vegetable oil, roughage products, hydrolyzed yeast, ferrous sulfate, processed grain by products, L-carnitine, hydrated sodium calcium aluminosilicate, vitamin E supplement, manganese propionate, yucca schidigera extract, dried Aspergillus niger fermentation product (phytase), copper proteinate, calcium sulfate, selenium yeast, chromium propionate, niacin supplement, calcium pantothenate, mineral oil, vitamin D-3 supplement, sodium aluminosilicate, dried Trichoderma longibrachiatum fermentation extract, maltodextrin, natural flavor, artificial flavor, menadione sodium bisulfite complex (source of vitamin K activity), riboflavin supplement, vitamin A supplement, ethylenediamine dihydroiodide, vitamin B-12 supplement, pyridoxine hydrochloride, sodium ascorbate (a preservative), silicon dioxide, folic acid, thiamine mononitrate, biotin.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

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

CAUTION: Follow label directions. Feeding this feed containing added selenium at levels higher than recommended is not permitted.

Caution: Follow label directions. Chromium from all sources of supplemental chromium cannot exceed 0.2 ppm of the complete feed for swine.

FEEDING DIRECTIONS:

Feed as the sole ration according to body condition and days in gestation. Provide clean, fresh drinking water.

WAKARUSA NUTRITIONAL SERVICES

600 Indiana Avenue

Wakarusa, IN 46573

Net Weight 50 lb (22.68 kg) or bulk invoice.

REV 1/8/22

WNS 16% LAYER

Complete Layer Feed GUARANTEED ANALYSIS

Crude Protein, min	16.0	%	Calcium, min	1.3	%
Lysine, min	0.9	%	Calcium, max	4.3	%
Methionine, min	0.4	%	Phosphorus, min	0.6	%
Crude Fat, min	2.0	%	Salt, min	0.1	%
Crude Fiber, max	6.0	%	Salt, max	0.6	%

INGREDIENTS

Grain products, plant protein products, calcium carbonate, calcium phosphate, sodium bentonite, processed grain by-products, salt, DL methionine, mineral oil, choline chloride, hydrolyzed yeast, roughage products, zinc proteinate, manganese proteinate, vitamin E supplement, ferrous sulfate, niacin supplement, selenium yeast, manganese sulfate, zinc oxide, copper proteinate, natural flavor, artificial flavor, manganous oxide, calcium pantothenate, copper sulfate, cobalt protinate, menadione sodium bisulfite complex (source of vitamin K activity), vitamin D₃ supplement, riboflavin supplement, pyridoxine hydrochloride, vitamin A supplement, thiamine mononitrate, ethylenediamine dihydrochloride, vitamin B-12 supplement, folic acid, calcium iodate, biotin, vegetable oil.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

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

CAUTION: Follow label directions. Feeding this feed containing added selenium at levels higher than recommended is not permitted.

FEEDING DIRECTIONS:

Provide feed on a daily basis or stage of production and/or body weight. Provide clean, fresh water at all times.

WAKARUSA NUTRITIONAL SERVICES
600 Indiana Avenue
Wakarusa, IN 46573

Net Weight 50 lb (22.68 kg) or bulk invoice.

WNS 20% BROILER

Complete Broiler Feed GUARANTEED ANALYSIS

Crude Protein, min	20.0	%	Calcium, min	0.8	%
Lysine, min	1.1	%	Calcium, max	1.2	%
Methionine, min	0.4	%	Phosphorus, min	0.6	%
Crude Fat, min	2.1	%	Salt, min	0.1	%
Crude Fiber, max	6.0	%	Salt, max	0.6	%

INGREDIENTS

Grain products, plant protein products, calcium carbonate, calcium phosphate, sodium bentonite, processed grain by-products, salt, DL-methionine, mineral oil, choline chloride, hydrolyzed yeast, roughage products, zinc proteinate, manganese proteinate, vitamin E supplement, ferrous sulfate, niacin supplement, selenium yeast, manganese sulfate, zinc oxide, copper proteinate, natural flavor, artificial flavor, manganous oxide, calcium pantothenate, copper sulfate, cobalt proteinate, menadione sodium bisulfite complex (source of vitamin K activity), vitamin D-3 supplement, riboflavin supplement, pyridoxine hydrochloride, vitamin A supplement, thiamine mononitrate, ethylenediamine dihydroiodide, vitamin B-12 supplement, folic acid, calcium iodate, biotin, vegetable oil.

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper. This product has been formulated specifically for chickens and is not intended for other species.

CAUTION: Follow label directions. Feeding this feed containing added selenium at levels higher than recommended is not permitted.

FEEDING DIRECTIONS:

Provide feed for stage of production and/or body weight. Provide clean, fresh water at all times.

WAKARUSA NUTRITIONAL SERVICES
600 Indiana Avenue
Wakarusa, IN 46573

Net Weight 50 lb (22.68 kg) or bulk invoice.

REV 06/22

WNS EXPRESS NURSERY 21% TI35

MEDICATED

To Increase the Digestibility of Phytin-Bound Phosphorus in Complete Swine Grower Diets

Control of swine dysentery associated with *Brachyspira* (formerly *Serpulina* or *Treponema*) *hyodysenteriae* susceptible to Tiamulin. Feed continuously as sole ration on premises with a history of swine dysentery but where signs of disease have not yet occurred or following an approved treatment of the disease. Control of porcine proliferative enteropathies (ileitis) associated with *Lawsonia intracellularis*. Feed continuously as sole ration for not less than 10 days.

ACTIVE DRUG INGREDIENTS

Tiamulin Hydrogen Fumarate

35 G/TON

GUARANTEED ANALYSIS

Crude Protein, min	21.0	%	Salt, max	0.8	%
Lysine, min	1.4	%	Chromium, min	0.2	PPM
Crude Fat, min	6.8	%	Selenium, min	0.3	PPM
Crude Fiber, max	7.0	%	Zinc, min	2,980	PPM
Calcium, min	0.5	%	Phytase (<i>Trichoderma reesei</i>), min	226.0	FTU/LB*
Calcium, max	1.0	%	Phytase (<i>Aspergillus niger</i>), min	234.0	FTU/LB*
Phosphorus, min	0.6	%	Xylanase (<i>Trichoderma longibrachiatum</i>), min	54.0	XU/LB**
Salt, min	0.4	%			

*One unit of phytase activity (FTU) is defined as the quantity of enzyme which liberates 1 micromol of inorganic phosphorus per minute. Environmental factors such as feed pH, moisture, and processing methods such as pelleting or extrusion, may affect enzyme activity.

**One xylanase unit is the amount of enzyme which liberates 1 micromole of xylose per minute under the conditions of the assay.

INGREDIENTS

Grain products, plant protein products, animal protein products, roughage products, vegetable oil, processed grain by-products, calcium carbonate, calcium phosphate, zinc oxide, salt, L-lysine, DL-methionine, sodium metabisulfite (a preservative), L-threonine, dried *Lactobacillus acidophilus* fermentation product, hydrolyzed yeast, iron proteinate, zinc proteinate, natural flavor, artificial flavor, fumaric acid, butyric acid, L-valine, benzoic acid (a preservative), silicon dioxide, basic copper chloride, choline chloride, mineral oil, phosphoric acid, vitamin E supplement, citric acid (a preservative), tryptophen, lactic acid, hydrated sodium calcium aluminosilicate, dried *Aspergillus niger* fermentation product (phytase), sodium hydroxide, yucca schidigera extract, manganese proteinate, calcium sulfate, copper proteinate, selenium yeast, sodium aluminosilicate, dried *Trichoderma longibrachiatum* fermentation extract, chromium propionate, niacin supplement, calcium pantothenate, BHT (a preservative), menadione sodium bisulfite complex (source of vitamin K activity), dried *Trichoderma reesei* fermentation extract (phytase), riboflavin supplement, vitamin A supplement, BHA (preservative), thiamine mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, vitamin B12 supplement, dried *Bacillus licheniformis* fermentation product, dried *Bacillus subtilis* fermentation product, propyl gallate (a preservative), folic acid, ethoxyquin (a preservative), propionic acid (a preservative), ethylenediamine dihydroiodide, biotin, animal fat (preserved with BHA)

WARNING: This product, which contains added copper, should not be fed to sheep or related species that have a low tolerance to copper.

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

CAUTION: Follow label directions. Feeding this feed containing added selenium at levels higher than recommended is not permitted.

CAUTION: Follow label directions. Chromium from all sources of supplemental chromium cannot exceed 0.2 ppm of the complete feed for swine.

FEEDING DIRECTIONS:

Feed as the sole ration to pigs according to body condition and desired fill. Calculate intakes based on desired gain. Provide clean, fresh water at all times.

WARNING: Withdraw medicated feed 2 days before slaughter.

CAUTION: Use as the only source of Tiamulin. Do not feed undiluted. Do not feed to animals other than swine. The effects of Tiamulin on swine productive performance, pregnancy and lactation have not been determined. Swine being treated with Tiamulin should not have access to feeds containing polyether ionophores (e.g. Monensin, Lasalocid, Narasin, Salinomycin and Semduramicin) as adverse reactions may occur. If signs of toxicity occur, discontinue use of medicated feeds.

Formulated with Show-Rite® Technologies

Oats

Typical Analysis	
Dry matter	89 %
Crude Protein	12.0 %
Fat	04.5 %
Crude fiber	12.0 %
Neutral Detergent Fiber	28.5 %
Acid Detergent Fiber	14.2 %
Calcium	0.07 %
Phosphorus	0.35 %
Total Digestible Nutrients	68.0 %
Net energy—Lactation	70.2 Mcal/100 lbs

FEED GRADE

Crack Corn

For Further Manufacture of Feed
Not for Human Consumption

NET WEIGHT 50 LBS (22.67KG)

FEED GRADE

Calcium Carbonate

GUARANTEED ANALYSIS:

CALCIUM CARBONATE (CaCO_3).....95% MIN

CALCIUM (CA).....38% MIN

TOTAL CARBONATES.....96% MIN

For Further Manufacture of Feed
Not for Human Consumption

Packaged By:

Wakarusa Nutritional Services LLC
600 S Indian Ave
Wakarusa, IN 46573

NET WEIGHT 50 LBS (22.67KG)