



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 12 2008

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Nufarm Americas Inc.
150 Harvester Drive
Suite 200
Burr Ridge, IL 60527

Subject: EPA Reg. 228-412 (Viper Weed and Feed (18#/5M))/ 2,4-D RED Label Amendment

The labeling referred to above is in compliance with the 2,4-D RED provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
- 2) Please note: Final product reregistration can't be considered until after all active ingredients in this product are eligible for reregistration.

Commercial Label

1) To the label add "Not for use on turf grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes".

2) The following revisions are needed to the PPE section:

- Because this product is applied with a spreader, the text "except for applicators using groundboom equipment" must be deleted from the glove statement in the handler PPE section.
- Reference to flaggers must be deleted from the label since this product may not be applied by aerial application.

3) The First two sentences of the Environmental Hazard statements must be revised to read: "This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark."

Commercial and Residential Label

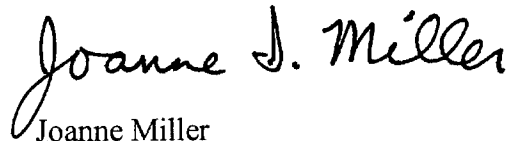
1) To the Directions for Use add "Do not apply more than 2 applications per year, including broadcast applications in combination with spot treatments" and remove any conflicting language from the label.

Submit one copy of the revised final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.

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EPA Reg. 228-412

6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

Sincerely,



Joanne Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Residential

VIPER® WEED AND FEED (18#/5M)

THIS PRODUCT IS A PREMIUM GRADE HERBICIDE AND TURF FOOD COMBINATION WHICH CONTROLS A WIDE SPECTRUM OF BROADLEAF WEEDS WHILE PROVIDING BOTH FAST AND LONG FEEDING ACTION.

CONTAINS 2,4-D, MECOPROP-p AND DICAMBA

Weeds contacted by this product gradually die and disappear from the lawn.
Treats (or covers) 5,000 Square Feet (50' x 100')

GET THE OPTICAL ADVANTAGE®

ACTIVE INGREDIENTS:

Isocetyl (2-ethylhexyl) Ester of 2,4-Dichlorophenoxyacetic Acid*	1.196%
2,4-Dichlorophenoxyacetic Acid*	0.162%
(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**‡	0.319%
Dicamba (3,6-Dichloro-o-Anisic Acid)***	0.080%

OTHER INGREDIENTS:

TOTAL: 98.243%
100.000%

Isomer Specific Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid (Total)	0.955%
**(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid	0.319%
***3,6-Dichloro-o-Anisic Acid	0.080%

‡CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-p

GUARANTEED ANALYSIS:*

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash(K ₂ O)	X%
Primary Plant Foods derived from (List sources).	
Chlorine (Cl) Maximum	X%

The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.
Fertilizer guaranteed by (Name of Fertilizer registrant)

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE BACK PANEL FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-412
EPA EST. NO. 228-IL-1

MANUFACTURED BY
NUFARM AMERICAS INC.
150 HARVESTER DRIVE
BURR RIDGE, IL 60527



NET WEIGHT LBS.

ACCEPTED
with **COMMENTS**
In EPA Letter Dated:
SEP 12 2008

000228-00412.20080111.res.EPA24d.Pending

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

228-412

Residential

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wear long pants, long-sleeved shirt, socks and shoes when applying this product. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until dusts have settled.

Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. Apply this product directly to your lawn or garden, and sweep any product landing on the driveway, sidewalk, gutter, or street back onto the treated area. To prevent product run-off, do not over water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day.

The maximum number of broadcast applications per treatment site is 2 per year.

This product is a stable mixture of four herbicides. It is for use on residential turf.

This product may be used on Bahia, common Bermuda, Blue Grass, Centipede, Fescue, Rye, St. Augustine, and Zoysia grass. DO NOT USE on Dichondra and Carpet grass. DO NOT USE this product where desirable clovers are present or allow the product to "wind drift" onto flowers, vegetables, ornamentals, shrubs, trees or other desirable plants.

This product is designed to promote lush green growth in lawns and control many broadleaf weeds such as:

Alder	Bracted plantain	Catnip	Dock	Goldenrod
Annual yellow	Brassbuttons	Chickweed	Dogbane	Ground ivy
sweet clover	Bristly oxtongue	Chicory	Dogfennel	Gumweed
Artichoke	Broadleaf dock	Cinquefoil	Elderberry	Hairy bittercress
Aster	Broadleaf plantain	Clover	English daisy	Hairy fleabane
Austrian fieldcress	Broomweed	Cockle	Fall dandelion	Hawkweed
Bedstraw	Buckhorn	Cocklebur	False dandelion	Healall
Beggartick	Buckhorn plantain	Coffeebean	False flax	Heartleaf drymary
Biden	Bulbous buttercup	Coffeeweed	False sunflower	Hedge bindweed
Bindweed	Bull nettle	Common chickweed	Fiddleneck	Hedge mustard
Bird vetch	Bull thistle	Common mullein	Field bindweed	Hemp
Bitterweed	Burdock	Common sowthistle	Field pansy	Henbit
Bitter wintercress	Burning nettle	Corn Chamomile	Flea bane (daisy)	Hoary cress
Black-eyed Susan	Bur ragweed	Creeping jenny	Flixweed	Hoary plantain
Black medic	Burweed	Crimson clover	Florida betony	Hoary vervain
Black mustard	Buttercup	Croton	Florida pusley	Honeysuckle
Black-seed plantain	Canada thistle	Cudweed	Frenchweed	Hop clover
Blessed thistle	Carolina geranium	Curly dock	Galinsoga	Horsenettle
Blue lettuce	Carpetweed	Curly indigo	Garlic mustard	Horsetail
Blue vervain	Catchweed bedstraw	Dandelion	Goathead	Indiana mallow
Box elder	Catsear	Dead nettle	Goatsbeard	(continued)

Residential

Ironweed	Pennycress	Rush	Sunflower	Wild carrot
Jewelweed	Pennywort	Russian pigweed	Sweet clover	Wild four-o'clock
Jimsonweed	Peppergrass	Russian thistle	Tall nettle	Wild garlic
Kochia	Pepperweed	St. Johnswort	Tall vervain	Wild geranium
Knawel	Pigweed	Scarlet pimpernel	Tansy mustard	Wild lettuce
Knotweed	Pineywoods bedstraw	Scotch thistle	Tansy ragwort	Wild marigold
Lambsquarter	Plains coreopsis	Sheep sorrel	Tanweed	Wild onion
Lespedeza	Plantain	Shepherdspurse	Tarweed	Wild parsnip
Locoweed	Poison hemlock	Slender plantain	Thistle	Wild radish
Lupine	Poison ivy	Smallflower galinsoga	Tick trefoil	Wild rape
Mallow	Poison oak	Smartweed	Toadflax	Wild strawberry
Marshelder	Pokeweed	Smooth dock	Trailing crownvetch	Wild sweet potato
Matchweed	Poorjoe	Smooth pigweed	Tumble mustard	Wild vetch
Mexicanweed	Povertyweed	Sneezeweed	Tumble pigweed	Willow
Milk vetch	Prickly lettuce	Southern wild rose	Tumbleweed	Witchweed
Milkweed bloodflower	Prickly sida	Sowthistle	Velvet leaf	Woolly morningglory
Mugwort	Primrose	Spanishneedle	Venice mallow	Woodsorrel
Morningglory	Prostrate knotweed	Spatterdock	Veronica	Woolly croton
Mouseear chickweed	Prostrate pigweed	Speedwell	Vervain	Woolly plantain
Musk thistle	Prostrate spurge	Spiny amaranth	Vetch	Wormseed
Mustard	Prostrate vervain	Spiny cocklebur	Virginia buttonweed	Yarrow
Narrowleaf plantain	Puncture vine	Spotted catsear	Virginia creeper	Yellow rocket
Narrowleaf vetch	Purslane	Spotted knapweed	Virginia pepperweed	Yellowflower
Nettle	Ragweed	Spotted spurge	Wavyleaf bullthistle	pepperweed,
Nutgrass	Red clover	Spurge	Western clematis	
Orange hawkweed	Redroot pigweed	Spurweed	Western salsify	and other broadleaf
Oxalis	Red sorrel	Stinging nettle	White clover	weeds.
Oxeye daisy	Redstem filaree	Stinkweed	White mustard	
Parsley-piert	Rough cinquefoil	Stitchwort	Wild mustard	
Parsnip	Rough fleabane	Strawberry clover	Wild aster	
Pearlwort	Roundleafed marigold	Sumac	Wild buckwheat	

WHEN TO APPLY: Best results are obtained when weeds are growing actively in spring or early fall. Avoid contact with desirable shrubs, plants, vegetables, or flowers; especially when applying with a rotary (spinner) type spreader. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawn until after 3 mowings. For optimum results: (1) Avoid mowing 1 to 2 days before and after application; (2) Apply when grass is moist (after a rain sprinkling or dew); (3) Avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material; and (4) Avoid applying if rainfall is expected within 48 hours following treatment. Possible retreatment in approximately 30 days may be necessary if lawn is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turf may occur.

NOTE: When applying to Southern Grasses under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration on Centipede and St. Augustine grasses. It is recommended that during hot, dry conditions, application rates should be reduced 50% to avoid possible dehydration or browning of grass.

HOW TO APPLY: This 18 pound bag should be used on 5,000 square feet. Apply evenly with a lawn spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time is equal to one application.

The following settings are approximate for applying contents of this package at a suggested rate of 3.6 pounds per 1,000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 square feet and adjust to apply at the rate of 0.9 pound per 250 square feet.

**SPREADER SETTINGS
ONE PASS APPLICATION***

<u>MAKE</u>	<u>SETTING</u>
Central Calibrated	5
Cyclone Broadcast	3-3/4
Jackson	5
Sears Broadcast	3
Sears	5
Scotts Calibrated	4

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

Residential

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 pound of nitrogen/1,000 square feet; otherwise, this information is optional.)

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing *(No. of lbs.)* pounds of nitrogen per 1,000 square feet (optional P₂O₅ and K₂O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

*Based on Inert fertilizer claimed.

Environmental Benefits (Grasscycling Logo)	Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment:	
	<i>Grass clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.</i>	<input checked="" type="checkbox"/> A 50' x 50' lawn produces enough oxygen for a family of 4 every day
		<input checked="" type="checkbox"/> Reduces Glare & Reduces Noise
		<input checked="" type="checkbox"/> Traps Dust, Smoke Particles & Other Pollutants
		<input checked="" type="checkbox"/> Purifies Water & Modifies Temperature
<input checked="" type="checkbox"/> Improves Soil Condition & Controls Erosion		

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container and keep any bags containing unused product in locked storage area inaccessible to children and domestic animals. Do not store near feed or foodstuffs. To prevent cross-contamination, do not store near open containers of fertilizer, seed, or other pesticides.

PESTICIDE DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(011108A)

Viper and The Optical Advantage are Registered Trademarks of Nufarm Americas Inc.

Residential

The following note will not be part of the actual label copy.

*NOTE: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration and fertilizer guarantee are optional except where mandated by State fertilizer regulation.

- Editor's notes:**
1. Subregistrant Warranty Statements previously accepted by U.S. EPA for use on their own registered products are not included on this label.
 2. Subregistrant's trademark name acknowledgments are not included on this label.

OPTIONAL MARKETING STATEMENTS:

Maximize Your Lawn's Potential!

Fights Weeds with VIPER® Herbicide!

A fertilizer containing VIPER® Herbicide which controls: Dandelion, Spurge, Plantain, Chickweed and many other broadleaf weeds.

Use when weeds are actively growing.

Controls over 200 Broadleaf Weeds!

Nitrogen – Promotes thick, green turf (or) For vigorous blade, leaf and stem growth and dark green color (or) Contains no Nitrogen

Phosphate - For root development and growth (or) Contains no Phosphorous

Potash or Potassium – Strengthens grass against disease (or) Promotes strong roots and improves turf hardiness (or) Contains no Potassium

OPTIONAL SPREADER INSTRUCTIONS:

(Illustration) For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.

(Illustration) For Rotary Spreaders: Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.

OPTIONAL FERTILIZER TEXT:

Contains LESCO Poly Plus® Sulfur Coated Urea to provide uniform growth with extended nitrogen feeding.

Slowly Available Urea Nitrogen from Polymer Coated sulfur Coated Urea.

Poly Plus® is comprised of Polymer Coated sulfur Coated Urea.

OPTIONAL LABEL LANGUAGE FOR DIFFERENT BAG SIZES:

XX pound bag should treat XXXXX square feet

Commercial

VIPER® WEED AND FEED (18#/5M)

THIS PRODUCT IS A PREMIUM GRADE HERBICIDE AND TURF FOOD COMBINATION WHICH CONTROLS A WIDE SPECTRUM OF BROADLEAF WEEDS WHILE PROVIDING BOTH FAST AND LONG FEEDING ACTION.

CONTAINS 2,4-D, MECOPROP-p AND DICAMBA

Weeds contacted by this product gradually die and disappear from the lawn/turf.
Treats (or covers) 5,000 Square Feet (50' x 100')

GET THE OPTICAL ADVANTAGE®

ACTIVE INGREDIENTS:

Isooctyl (2-ethylhexyl) Ester of 2,4-Dichlorophenoxyacetic Acid*	1.196%
2,4-Dichlorophenoxyacetic Acid*	0.162%
(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**‡	0.319%
Dicamba (3,6-Dichloro-o-Anisic Acid)***	0.080%
OTHER INGREDIENTS:	98.243%
TOTAL:	100.000%

Isomer Specific Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid (Total)	0.955%
**(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid	0.319%
***3,6-Dichloro-o-Anisic Acid	0.080%

‡CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-p

GUARANTEED ANALYSIS:

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash(K ₂ O)	X%
Primary Plant Foods derived from (List sources)	
Chlorine (Cl) Maximum	X%

The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.
Fertilizer guaranteed by (Name of Fertilizer registrant)

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE BACK PANEL FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

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EPA EST. NO. 228-IL-1

MANUFACTURED BY
NUFARM AMERICAS INC.
150 HARVESTER DRIVE
BURR RIDGE, IL 60527



ACCEPTED
with **COMMENTS**
In EPA Letter Dated:
SEP 12 2008

NET WEIGHT LBS.
000228-00412.20080111.com.EPA24dRED.Pending

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

228-412

Commercial

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- long-sleeved shirt and long pants,
- shoes and socks, plus
- chemical resistant gloves (except for applicators using groundboom equipment)

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS	
Users Should:	
<ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. 	

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Do not enter or allow people (or pets) to enter the treated area until dusts have settled. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not use this product on or near desirable plants, including within the dripline of the roots of desirable trees and shrubs, since injury may result.

This product is a stable mixture of four herbicides. It is for use on Ornamental Turf (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees and Roughs) and similar turf areas.

This product may be used on Bahia, common Bermuda, Blue Grass, Centipede, Fescue, Rye, St. Augustine, and Zoysia grass. DO NOT USE on Dichondra and Carpet grass. DO NOT USE this product where desirable clovers are present or allow the product to "wind drift" onto flowers, vegetables, ornamentals, shrubs, trees or other desirable plants.

Commercial

This product is designed to promote lush green growth in lawns/turf and control many broadleaf weeds such as:

Alder	Common chickweed	Horsetail	Prostrate pigweed	Tarweed
Annual yellow	Common mullein	Indiana mallow	Prostrate spurge	Thistle
sweet clover	Common sowthistle	Ironweed	Prostrate vervain	Tick trefoil
Artichoke	Corn Chamomile	Jewelweed	Puncture vine	Toadflax
Aster	Creeping jenny	Jimsonweed	Purslane	Trailing crownvetch
Austrian fieldcress	Crimson clover	Kochia	Ragweed	Tumble mustard
Bedstraw	Croton	Knawel	Red clover	Tumble pigweed
Beggartick	Cudweed	Knotweed	Redroot pigweed	Tumbleweed
Biden	Curly dock	Lambsquarter	Red sorrel	Velvet leaf
Bindweed	Curly indigo	Lespedeza	Redstem filaree	Venice mallow
Bird vetch	Dandelion	Locoweed	Rough cinquefoil	Veronica
Bitterweed	Dead nettle	Lupine	Rough fleabane	Vervain
Bitter wintercress	Dock	Mallow	Roundleaved marigold	Vetch
Black-eyed Susan	Dogbane	Marshelder	Rush	Virginia buttonweed
Black medic	Dogfennel	Matchweed	Russian pigweed	Virginia creeper
Black mustard	Elderberry	Mexicanweed	Russian thistle	Virginia pepperweed
Black-seed plantain	English daisy	Milk vetch	St. Johnswort	Wavyleaf bullthistle
Blessed thistle	Fall dandelion	Milkweed bloodflower	Scarlet pimpernel	Western clematis
Blue lettuce	False dandelion	Mugwort	Scotch thistle	Western salsify
Blue vervain	False flax	Morningglory	Sheep sorrel	White clover
Box elder	False sunflower	Mouseear chickweed	Shepherdspurse	White mustard
Bracted plantain	Fiddleneck	Musk thistle	Slender plantain	Wild mustard
Brassbuttons	Field bindweed	Mustard	Smallflower galinsoga	Wild aster
Bristly oxtongue	Field pansy	Narrowleaf plantain	Smartweed	Wild buckwheat
Broadleaf dock	Flea bane (daisy)	Narrowleaf vetch	Smooth dock	Wild carrot
Broadleaf plantain	Flixweed	Nettle	Smooth pigweed	Wild four-o'clock
Broomweed	Florida betony	Nutgrass	Sneezeweed	Wild garlic
Buckhorn	Florida pusley	Orange hawkweed	Southern wild rose	Wild geranium
Buckhorn plantain	Frenchweed	Oxalis	Sowthistle	Wild lettuce
Bulbous buttercup	Galinsoga	Oxeye daisy	Spanishneedle	Wild marigold
Bull nettle	Garlic mustard	Parsley-piert	Spatterdock	Wild onion
Bull thistle	Goathead	Parsnip	Speedwell	Wild parsnip
Burdock	Goatsbeard	Pearlwort	Spiny amaranth	Wild radish
Burning nettle	Goldenrod	Pennycress	Spiny cocklebur	Wild rape
Bur ragweed	Ground ivy	Pennywort	Spotted catsear	Wild strawberry
Burweed	Gumweed	Peppergrass	Spotted knapweed	Wild sweet potato
Buttercup	Hairy bittercress	Pepperweed	Spotted spurge	Wild vetch
Canada thistle	Hairy fleabane	Pigweed	Spurge	Willow
Carolina geranium	Hawkweed	Pineywoods bedstraw	Spurweed	Witchweed
Carpetweed	Healall	Plains coreopsis	Stinging nettle	Woolly morningglory
Catchweed bedstraw	Heartleaf drymary	Plantain	Stinkweed	Woodsorrel
Catsear	Hedge bindweed	Poison hemlock	Stitchwort	Woolly croton
Catnip	Hedge mustard	Poison ivy	Strawberry clover	Woolly plantain
Chickweed	Hemp	Poison oak	Sumac	Wormseed
Chicory	Henbit	Pokeweed	Sunflower	Yarrow
Cinquefoil	Hoary cress	Poorjoe	Sweet clover	Yellow rocket
Clover	Hoary plantain	Povertyweed	Tall nettle	Yellowflower
Cockle	Hoary vervain	Prickly lettuce	Tall vervain	pepperweed,
Cocklebur	Honeysuckle	Prickly sida	Tansy mustard	and other broadleaf
Coffeebean	Hop clover	Primrose	Tansy ragwort	weeds.
Coffeeweed	Horsenettle	Prostrate knotweed	Tanweed	

WHEN TO APPLY: Best results are obtained when weeds are growing actively in spring or early fall. Avoid contact with desirable shrubs, plants, vegetables, or flowers; especially when applying with a rotary (spinner) type spreader. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawn/turf until after 3 mowings. For optimum results: (1) Avoid mowing 1 to 2 days before and after application; (2) Apply when grass is moist (after a rain sprinkling or dew); (3) Avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material; and (4) Avoid applying if rainfall is expected within 48 hours following treatment. Possible retreatment in approximately 30 days may be necessary if area is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turf may occur.

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NOTE: When applying to Southern Grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration on Centipede and St. Augustine grasses. It is recommended that during hot, dry conditions, application rates should be reduced 50% to avoid possible dehydration or browning of grass.

HOW TO APPLY: This 18 pound bag should be used on 5,000 square feet. Apply evenly with a lawn/turf spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time is equal to one application.

The following settings are approximate for applying contents of this package at a suggested rate of 3.6 pounds per 1,000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 square feet and adjust to apply at the rate of 0.9 pound per 250 square feet.

**SPREADER SETTINGS
ONE PASS APPLICATION***

<u>MAKE</u>	<u>SETTING</u>
Central Calibrated	5
Cyclone Broadcast	3-3/4
Jackson	5
Sears Broadcast	3
Sears	5
Scotts Calibrated	4

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 pound of nitrogen per 1,000 square feet; otherwise, this information is optional.)

A lawn/turf area typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing *(No. of lbs.)* pounds of nitrogen per 1,000 square feet (optional P₂O₅ and K₂O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

*Based on Inert fertilizer claimed.

Limitations: The maximum rate per application is 3.6 pounds per 1,000 square feet, limited to 2 applications per year. The maximum seasonal rate is 7.2 pounds per 1,000 square feet, excluding spot treatments. Minimum of 30 days between applications.

Environmental Benefits (Grasscycling Logo)	Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment:	
	<i>Grass clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.</i>	✓ A 50' x 50' lawn produces enough oxygen for a family of 4 every day
		✓ Reduces Glare & Reduces Noise
		✓ Traps Dust, Smoke Particles & Other Pollutants
		✓ Purifies Water & Modifies Temperature
	✓ Improves Soil Condition & Controls Erosion	

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Do not stack more than two pallets high. Do not store near open containers of fertilizer, seed or other pesticides.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, clean up all spilled material. Improper disposal of excess pesticide, spray mixtures or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay away from smoke.

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WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

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The following note will not be part of the actual label copy.

*NOTE: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration is optional except where mandated by State fertilizer regulation.

- Editor's notes:**
1. Subregistrant Warranty Statements previously accepted by U.S. EPA for use on their own registered products are not included on this label.
 2. Subregistrant's trademark name acknowledgments are not included on this label.

OPTIONAL MARKETING STATEMENTS:

Maximize Your Lawn's Potential!

Fights Weeds with VIPER® Herbicide!

A fertilizer containing VIPER® Herbicide which controls: Dandelion, Spurge, Plantain, Chickweed and many other broadleaf weeds.

Use when weeds are actively growing.

Controls over 200 Broadleaf Weeds!

Nitrogen – Promotes thick, green turf (or) For vigorous blade, leaf and stem growth and dark green color (or) Contains no Nitrogen

Phosphate - For root development and growth (or) Contains no Phosphorous

Potash or Potassium – Strengthens grass against disease (or) Promotes strong roots and improves turf hardiness (or) Contains no Potassium

OPTIONAL SPREADER INSTRUCTIONS:

(Illustration) For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.

(Illustration) For Rotary Spreaders: Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.

OPTIONAL FERTILIZER TEXT:

Contains LESCO Poly Plus® Sulfur Coated Urea to provide uniform growth with extended nitrogen feeding.

Slowly Available Urea Nitrogen from Polymer Coated sulfur Coated Urea.

Poly Plus® is comprised of Polymer Coated sulfur Coated Urea.

OPTIONAL LABEL LANGUAGE FOR DIFFERENT BAG SIZES:

XX pound bag should treat XXXXX square feet.