

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

June 9, 2020

Laura Phelps Nufarm America's Inc. 11901 S. Austin Ave. Alsip, IL 60803

Subject: Label Amendment – Narrowed Rates and Revised Advisory Language

Product Name: NUP-16011 Herbicide EPA Registration Number: 228-741 Application Date: October 23, 2018

Decision Number: 548011

Dear Ms. Phelps

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

Page 2 of 2 EPA Reg. No. 228-741 Decision No. 548011

If you have any questions, please contact Kable Bo Davis by phone at 703-306-0415, or via email at <a href="mailto:davis.kable@epa.gov">davis.kable@epa.gov</a>.

Sincerely,

Mindy Ondish Product Manager 23 Herbicide Branch Registration Division (7505P) Office of Pesticide Programs

Enclosure

2,4-D, Triclopyr, Fluroxypyr	GROUP	4	HERBICIDE
Flumioxazin	GROUP	14	HERBICIDE

# **NUP-16011** Herbicide

(ABNs: SURE POWER®, SURE POWER® HERBICIDE, SURE POWER® SELECTIVE HERBICIDE, COOL POWER 2 SELECTIVE HERBICIDE, ArmorTech TETRA, ArmorTech PER4MER, ArmorTech QUADRANT)

CONTAINS 2,4-D, FLUROXYPYR, TRICLOPYR AND FLUMIOXAZIN

FOR FAST, SELECTIVE WEED CONTROL IN ORNAMENTAL LAWNS AND TURF GRASSES

ACTIVE INGREDIENTS	
Isooctyl (2-ethylhexyl) Ester of 2,4-D*	36.33%
Butoxyethyl Ester of Triclopyr**	
	3.63%
* * *	0.22%
OTHER INGREDIENTS	
	TOTAL:
By Isomer Specific AOAC Method, Equivalent to:	
	2.61%, 0.24 lb/gal
	2.52%, 0.23 lb/gal
****Flumioyazin	0.22% 0.02 lb/gal

DO NOT SELL, DISTRIBUTE OR USE THIS PRODUCT IN NASSAU AND SUFFOLK COUNTIES IN NEW YORK.

### **KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

SEE INSIDE BOOKLET 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

## ACCEPTED

06/09/2020

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 228-741

MANUFACTURED FOR **NUFARM AMERICAS INC.** 11901 S. AUSTIN AVE. **ALSIP, IL 60803** (800) 345-3330



NET CONTENTS:	_GAL. ( L)
[Designation as "NON	REFILLABLE" or "REFILLABLE" for containers >5 gals
[[Nufarm] Grow a be	etter tomorrow]

EPA REG. NO. 228-741

EPA EST. NO.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS **CAUTION / PRECAUCION**

Harmful if swallowed. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

- long-sleeved shirt and long pants,
- · shoes and socks.
- chemical-resistant gloves made of barrier laminate, butyl rubber (≥14 mil.), nitrile rubber (≥14 mil.) or viton (≥14 mil.).
- chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

See engineering controls for additional requirements.

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.

#### **Engineering Control Statement:**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE may be reduced or modified as specified in the WPS.

#### **USER SAFETY RECOMMENDATIONS**

#### Users Should:

- 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 SWALLOWED	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>	
IF ON SKIN OR CLOTHING	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
	HOTLINE 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 product is toxic to fish, aquatic invertebrates, and 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. 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 product has properties and characteristics associated with chemicals detected in groundwater. The use of this product 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.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

#### **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.

This pesticide must be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site

Do not apply this product in a way that will contact workers, other persons, or pets, either directly or through drift. Keep people and pets

out of the area during application. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls worn over short-sleeved shirt and short pants
- chemical-resistant footwear plus socks
- chemical-resistant gloves (see PPE section above)
- chemical-resistant headgear for overhead exposure
- protective eyewear.

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

This product is a combination of 4 active ingredients and provides fast effective weed control of troublesome weeds in Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Roughs and Native Areas); also for use on Sod Farms and other similar turf areas. Additionally, this product is for use in roadsides, rights-of-way, industrial areas, railroads and fence rows.

This product is formulated as a suspoemulsion (SE) intended for dilution with water. Good spray coverage is needed for optimum weed control. Turfgrass discoloration may occur when using this product. Discoloration is transient and grasses will return to normal color.

#### **USE RESTRICTIONS**

Do not apply this product through any type of irrigation system. Do not apply this product aerially. Do not use on golf course greens or tees. Do not use in or near greenhouses. Do not graze or hay treated areas. Do not pour spray solutions near desirable plants. Do not use on Creeping bentgrass, Carpetgrass, Centipede, St. Augustine, Dichondra, nor on lawns or turf where desirable clovers are present unless removal is desired. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species.

The maximum rate per application is 3.5 pints per acre, and the maximum seasonal rate is 7.25 pints per acre per year. Do not apply more than 2 broadcast applications to the same treatment site per year, excluding spot treatments. The minimum retreatment interval between broadcast applications is 30 days.

This product may volatilize during conditions of low humidity and high temperatures. Do not apply during conditions of low humidity and high temperatures.

#### **USE PRECAUTIONS**

Failure to observe all precautions may result in injury to turfgrass and/or susceptible plants. Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Avoid fine mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Avoid contact with exposed feeder roots of ornamentals and trees. Use caution when applying to ensure no spray solution collects on the tires of application equipment. Also, assure that sprays completely dry prior to entering treated areas as accumulation on tires can lead to tracking. Avoid applications during growing conditions promoting rapid turfgrass growth (example: spring growth requiring mowing multiple times per week), as rapid turfgrass growth produces thin leaf cuticles that are susceptible to leaf spotting and/or speckling. Avoid broadcast applications when daily high air temperature exceeds [85] [90] degrees. Use caution with applications when air temperatures exceed [80] [85] [90] degrees. Avoid applications late in the growing season during periods of cloudy and cool weather with inconsistent turfgrass growth. Avoid applications for 10 days if air temperatures fall below 32° F. For optimum results, do not apply if rainfall is expected within 1 hour of the application.

The suitable use of this product on non-recommended turf species may be determined by treating a small area at 1.5 pints per acre. The treated area should be observed for any sign of turf injury for a period of 7 days of normal growing conditions to determine the phytotoxicity and efficacy to the treated area.

Adding adjuvants, oils, wetting agents, fertilizers, surfactants or other active ingredients to the spray solution will reduce selectivity to turf resulting in turf damage. Temporary turfgrass discoloration will result when any other products including other pesticides are added. Clean

and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other sprays. When making a tank mix for the first time, it is recommended to treat a small area and evaluate for phytotoxicity.

Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et al. v. EPA, C01-0132C, (W.D. WA). For further information, please refer to <a href="http://www.epa.gov/espp/litstatus/wtc/">http://www.epa.gov/espp/litstatus/wtc/</a>

#### SPRAY DRIFT MANAGEMENT

All ground application equipment must be properly maintained and calibrated using appropriate carriers and surrogates. The applicator must evaluate all factors and make appropriate adjustments when applying this product. A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial airblast, chemigation) can influence pesticide drift.

#### **Droplet Size**

Apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

#### Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind.

#### **Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions

#### Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

#### Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of herbicides. Where states have more stringent regulations, they must be observed.

#### Equipment

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

#### WEED RESISTANCE MANAGEMENT

For resistance management, this product contains both Group 4 herbicides (2,4-D, Fluroxypyr and Triclopyr) and a Group 14 herbicide (Flumioxazin). Any weed population may contain or develop plants naturally resistant to this herbicide and other Group 4 and 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance- management strategies should be followed.

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group 4 and 14 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or pest control advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and that considers mechanical control methods, cultural (e.g., timing to favor the desirable plants and not the weeds), biological (weed-competitive varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants

mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.

- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or pest controls advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of plants and weed biotypes.
- [For further information or to report suspected resistance, contact [Nufarm contact] at [one of][any of] the following] [[[X]-XXX-XXXX [[,][or]] 1-800-345-3330 [[,][or]] [Nufarm e-mail address] [[,][or]] [Nufarm website] [[,][or]][XXXX]].]

#### SPRAYING INSTRUCTIONS

Spray Volumes: Apply in 10 to 240 gallons of water per acre (0.2 to 5.5 gallons of water per 1,000 square feet).

**Spot Spray with Hand Sprayers:** Calibration and proper uniformed applications are essential when using this product. Over application or rates above those specified including excessive overlaps of this product can cause injury. Calibrate sprayer to deliver 1 gallon of spray solution per 1,000 square feet of treated area.

- Fescue species, Kentucky Bluegrass and Perennial Ryegrass- Mix [0.37] [0.55] [0.73] [0.92] to 1.28 fl oz per gallon of water and treat 1,000 sq. ft. of turfgrass.

**Lower Volume Equipment:** Use as little as 10 gallons of water per acre. Use only application equipment that is capable of spreading a uniform droplet, wetting each weed surface. Note: In some cases, greater turfgrass response has been observed following a low volume application.

#### **WEEDS CONTROLLED**

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

For complete control, some of these species may require repeat spot applications and/or use of the highest specified rate.

Horsenettle

### ORNAMENTAL LAWNS AND TURF AND SOD FARMS

Apply this product in 10 to 240 gallons of water per acre (0.2 to 5.5 gallons of water per 1,000 square feet) to control weeds growing in Kentucky Bluegrass, Perennial Ryegrass, and Fescue species. **See below table for details on application rates.** 

Generally, the lower application rates will provide satisfactory control of sensitive weeds. The higher application rates will be required for dense infestations of perennial weeds, for adverse/extreme environmental conditions, or for weeds beyond the appropriate growth stages. For all applications: (1) do not overlap spray patterns; and (2) use reduced rates if turfgrass is stressed from heat, drought, etc.

**Note:** Bronzing with spotting and speckling on the turfgrass foliage –may occur following application. Treated turfgrass will recover with new growth. Discolored leaf tissue will be removed with mowing. To reduce potential for discoloration, avoid applications to highly actively growing turfgrass that is weakened by weather, mechanical, chemical, disease or other related stress.

TURFGRASS*	USE RATE (Fluid Ounces)	USE RATE (Pints)	USE DIRECTIONS
	Per Acre	Per Acre	
Fescue species Kentucky Bluegrass Perennial Ryegrass	[32] [40] to 56	[2] [2.5] to 3.5	Use reduced rates if grass is stress from heat or drought. Some temporary discoloration and growth regulation may occur.  For best results apply when weeds are small in size and actively growing.

<sup>\*</sup>This herbicide has demonstrated turfgrass tolerance. However, not all varieties have been evaluated. Turfgrass managers should treat small areas prior to widespread use.

#### **APPLICATION TIMING**

For best results, apply this herbicide to young weeds that are actively growing. Follow-up applications may be required for dense infestations of perennial and biennial weeds.

**Newly Seeded Areas:** The application of this herbicide to grass seedlings is not recommended until after the second mowing. Do not apply to newly seeded areas until grass is well established unless discoloration or damage can be tolerated.

**Newly Sodded, Sprigged or Plugged Areas:** Do not apply to newly sodded, sprigged, or plugged grasses for at least 4 weeks after the sodding, sprigging, or plugging operations.

**Seeding:** Grass and broadleaf weeds germinate throughout the year. This herbicide will provide up to 4 weeks residual weed control after application. Thus, reseed no sooner than 4 weeks after application of this product. When slit seeding, ensure good seed/soil contact and reseeding interval can be reduced to 21 days.

**Mowing:** For best results, turf should not be mowed for 1 day before or after application to maximize leaf surface and herbicide uptake and translocation.

#### **NON-TURF AREAS**

Roadsides (including aprons and guardrails), rights-of-way, industrial areas, railroads and fence rows: Apply 2.5 to 3.5 pints of this product per acre to control listed broadleaf weeds. Apply in 10 to 240 gallons of water per acre (0.2 to 5.5 gallons of water per 1,000 square feet).

Apply any time between the time when plants come into full leaf (spring) to when the plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until the herbicide has had sufficient time to translocate to the roots. For small broadleaf weeds, use the lower rate. Heavy, dense stands require the higher rate with high water volume. For small (spot) applications with small tank sprayers, apply at the rate of 1.0 fluid ounces of this product per gallon of water and spray to thoroughly wet all foliage.

#### **Limitations for Non-Turf Areas:**

Applications to non-turf areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, or for commercial seed production.

#### **MIXING AND CLEANING INSTRUCTIONS**

Fill spray tank with water. Start agitation and slowly add the specified amount of concentrate. Maintain continuous agitation after mixing and during application. If this product is allowed to stand in tank for extended periods of time, some separation may occur. Reagitate before use.

Clean application equipment carefully before and after application. Use a strong detergent or tank cleaner to rinse all parts of the sprayer thoroughly.

#### **COMPATIBILITY**

Because other active ingredients, surfactants, adjuvants, liquid fertilizers and liquid iron differ in pH, free ammonia content, density, salt concentration and percentage of water, a compatibility test (given below) is recommended prior to mixing in the application equipment. All regulations relating to the application of all products must be strictly followed. It is the pesticide user's responsibility to ensure that all

products are registered for the intended use. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. The following compatibility test should always be performed prior to full-scale mixing.

- 1. Pour 18 fluid ounces of water into a quart jar.
- 2. Add 1 fluid ounce of either the liquid fertilizer or liquid iron to be used.
- 3. Add 1 fluid ounce of this product.
- 4. Close jar and shake well.
- 5. Watch the mixture for several seconds after shaking and check again after 30 minutes.
- 6. If the mixture does not show signs of separating, the combination may be used. If the mixture foams excessively, gels, separates or gets very thick, do not combine for field application.
- 7. Compatibility may be improved by the use of a compatibility agent. Follow the previously outlined test procedures and add 1/6 ounce of the compatibility agent between steps (the compatibility agent must be added to the fertilizer or iron before adding the product).
- 8. If the mixture does not separate, gel, foam or get very thick, it may be used for field application. Mix only the amount to be sprayed.

#### 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. Store at temperatures above 25 F. Protect product from freezing. If allowed to freeze, remix well before using. This does not alter this product. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases 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, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed, labeled container for proper disposal. 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 HANDLING:** Nonrefillable Containers 5 Gallons or Less: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

Nonrefillable containers larger than 5 gallons: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling or reconditioning not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable containers larger than 5 gallons: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### OR

Refillable Container: Refill this container with pesticide only. Do not reuse this container for any other purpose. Close all openings and replace all caps. Contact Nufarm's Customer Service Department at 1-800-345-3330 to arrange for return of the empty refillable container

#### FOR RESIDENTIAL USE

**CONTAINER HANDLING:** If empty - Do not reuse this container. Place in trash or offer for recycling if available. If partly filled - If product cannot be used as directed, call your local solid waste agency for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) 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, CROP OR PLANT DAMAGE, OR LOSS OF YIELD, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE WEATHER, WIND, AND TEMPERATURE, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER, AND ASSUMED BY BUYER OR MANUFACTURER. AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY

AUTHORITY TO MAKE ANY OTHER REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS. NO WARRANTIES SHALL BE CREATED BY COURSE OF DEALING, USAGE OF TRADE, OR COURSE OF PERFORMANCE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE FACE HEREOF. THE SELLER OR MANUFACTURER ASSUMES NO RESPONSIBILITY THAT THE GOODS WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING OR USING THE GOODS, EXCEPT AS OTHERWISE PROVIDED IN THE CONTRACT.

#### LIMITATION OF LIABILITY WARNING

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, NEITHER MANUFACTURER NOR SELLER SHALL BE LIABLE TO BUYER OR USER OR TO CUSTOMERS OF BUYER, IF ANY, FOR INDEMNIFICATION OR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE USE, MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR 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 PURCHASE PRICE OF THE GOODS AND, IF BUYER OR USER WISHES, THE RETURN OF THE GOODS BY BUYER TO SELLER.

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 goods, and return it unopened to the Seller, and the purchase price will be refunded. By using the goods, you expressly agree to all of the terms and conditions of this contract.

RV

Sure Power is a registered trademark of Nufarm Americas Inc. All other trademarks are the property of their respective owners.

000228-00741.20181023 Label AMEND Clean (revised 20190216)