

228-455

04-26-2011

1/9



**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Pesticide Programs**  
**Registration Division (7504P)**  
**Ariel Rios Building**  
**1200 Pennsylvania Ave., NW**  
**Washington, D.C. 20460**

EPA Registration  
 Number:  
 228-455

Date of Issuance:  
 APR 26 2011

**NOTICE OF PESTICIDE:**

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:  
**Strike 3 Ultra 3 Selective Herbicide**

**Name and Address of Registrant (include ZIP Code):**

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

**Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.**

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment request submitted on April 14, 2011. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision (RED) for **2,4-D and 2,4-DP-p** have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after twelve (12) months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

If you have any questions regarding this Notice, please contact Beth Benbow at (703) 347-8072 or at [benbow.bethany@epa.gov](mailto:benbow.bethany@epa.gov).

Signature of Approving Official:

**Kathryn V. Montague**  
**Product Manager 23**  
**Herbicide Branch**  
**Registration Division (7505P)**

Date:

APR 26 2011

# STRIKE 3 ULTRA<sup>®</sup>3

## SELECTIVE HERBICIDE

A Three-Way Post-Emergent Selective Broadleaf Herbicide Containing 2,4-D, Fluroxypyr and Dichlorprop-p. For Use on Golf Courses, Parks, Highways and Ornamental Turf Lawns. Also For Use on Sod Farms. Kills Dandelions, Chickweeds, Plantains, Oxalis, Spurge and Many Other Broadleaf Weeds, Some of Which Are Listed On This Label.

### ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	39.30%
1-Methylheptyl Ester of Fluroxypyr: [(4-amino-3-5-dichloro-6-fluoro-2-pyridinyl) oxy]acetic Acid, 1-methylheptyl ester**	5.88%
Dimethylamine Salt of (+)-R-2-(2,4-Dichlorophenoxy) propionic Acid***†	9.72%
<b>OTHER INGREDIENTS:</b>	<b>45.10%</b>
<b>TOTAL:</b>	<b>100.00%</b>

### Isomer Specific Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	32.64%, 3.2 lbs/gal.
**[(4-amino-3-5-dichloro-6-fluoro-2-pyridinyl) oxy] acetic acid	4.08%, 0.4 lbs/gal.
***(+)-R-2-(2,4-Dichlorophenoxy) propionic Acid	8.16%, 0.8 lbs/gal.

‡CONTAINS THE SINGLE ISOMER FORM OF DICHLORPROP-p.

**DO NOT SELL, DISTRIBUTE OR USE THE PRODUCT IN NASSAU AND SUFFOLK COUNTY IN NEW YORK.**

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER - PELIGRO**

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.)

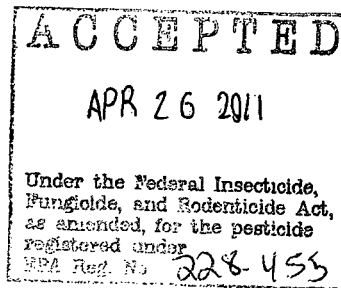
**SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS**

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

EPA REG. NO. 228-455  
EPA EST. NO.

Manufactured For  
NUFARM AMERICAS INC.  
150 Harvester Drive  
Burr Ridge, IL 60527

NET CONTENTS: GAL. (L)



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER - PELIGRO**

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Some materials that are chemical-resistant to this product are made with any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

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

- long-sleeved shirt and long pants,
- shoes and socks, plus
- chemical-resistant gloves,
- goggles, face shield or safety glasses, and
- 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. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**Engineering Control Statements:**

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.

<b>USER SAFETY RECOMMENDATIONS</b>	
<b>Users Should:</b>	
<ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.</li> <li>• 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.</li> <li>• 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.</li> </ul>	

<b>FIRST AID</b>	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <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>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <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>
<b>HOT LINE NUMBER</b>	
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.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

**ENVIRONMENTAL HAZARDS**

This pesticide is 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. 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.

### DIRECTIONS FOR USE

Aerial application of this product is prohibited

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 workers or other persons, either directly or through drift. 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.

This product is for use on ornamental turf lawns (residential, industrial and institutional), parks, cemeteries, athletic fields and golf courses (fairways, aprons, tees\* and roughs). \*Excluding Bentgrass Tees.

#### 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 48 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, chemical-resistant gloves made of any waterproof material, shoes plus socks and 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.

#### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, airblast) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

##### Droplet Size

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, 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.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

##### Wind Speed

Do not apply at wind speeds greater than 10 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

##### 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 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

##### Equipment

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

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

5/2

### USE PRECAUTIONS

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. Maximum control of weeds will be obtained from spring or early fall applications when weeds are actively growing. Use the higher rate for hard-to-control weeds. Avoid broadcast applications when air temperature exceeds 90 degrees. When using small, spot treatment applications in temperature over 90 degrees, turf injury may occur.

When treating Carpetgrass and St. Augustine grass, avoid broadcast applications when air temperature exceeds 80 degrees. When air temperatures exceed 80 degrees, limit application to spot treatment only.

The suitable use on non-recommended turf species may be determined by treating a small area at any rate/acre which does not exceed 3 pints/acre. The treated area should be observed for any sign of turf injury for a period of 30 days of normal growing conditions to determine the phytotoxicity and efficacy to the treated area.

For optimum results: (1) avoid applying during excessively dry or hot periods unless irrigation is used; (2) turf should not be mowed 1 to 2 days before and following application; (3) reseed no sooner than 3 to 4 weeks after application of this product. Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds but doing so may reduce selectivity to turf resulting in turf damage. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other sprays.

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

Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other spraying. Do not apply this product through any type of irrigation system.

### USE RESTRICTIONS

Do not pour spray solutions near desirable plants. Do not use on Centipede, St. Augustine, Dichondra, nor on lawns or turf where desirable clovers are present. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not apply to newly seeded grasses until well established.

### WEEDS CONTROLLED

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

**WEEDS CONTROLLED (Continued)**

Pineywoods bedstraw	Red sorrel	Stinging nettle	White clover
Plains coreopsis	Redstem filaree	Stinkweed	White mustard
Plantain	Rough cinquefoil	Stitchwort	Wild mustard
Poison hemlock	Rough fleabane	Strawberry clover	Wild aster
Poison ivy	Roundleaved marigold	Sumac	Wild buckwheat
Poison oak	Rush	Sunflower	Wild carrot
Pokeweed	Russian pigweed	Sweet clover	Wild four-o'clock
Poorjoe	Russian thistle	Tall nettle	Wild garlic
Povertyweed	St. Johnswort	Tall vervain	Wild geranium
Prickly lettuce	Scarlet pimpernel	Tansy mustard	Wild lettuce
Prickly sida	Scotch thistle	Tansy ragwort	Wild marigold
Primrose	Sheep sorrel	Tanweed	Wild onion
Prostrate knotweed	Shepherdspurse	Tarweed	Wild parsnip
Prostrate pigweed	Slender plantain	Thistle	Wild radish
Prostrate spurge	Small lower galinsoga	Tick trefoil	Wild rape
Prostrate vervain	Smartweed	Toadflax	Wild strawberry
Puncture vine	Smooth dock	Trailing Crownvetch	Wild sweet potato
Purslane	Smooth pigweed	Tumble mustard	Wild vetch
Ragweed	Sneezeweed	Tumble pigweed	Willow
Red clover	Southern wild rose	Tumbleweed	Witchweed
Redroot pigweed	Sowthistle	Velvet leaf	Woolly morningglory
Mallow	Spanishneedle	Venice mallow	Woodsorrel
Marshelder	Spatterdock	Veronica	Woolly croton
Matchweed	Speedwell	Vervain	Woolly plantain
Mexicanweed	Spiny Amaranth	Vetch	Wormseed
Milk vetch	Spiny cocklebur	Virginia buttonweed	Yarrow
Milkweed bloodflower	Spotted catsear	Virginia creeper	Yellow rocket
Mugwort	Spotted knapweed	Virginia pepperweed	Yellowflower pepperweed and other broadleaf weeds.
Morningglory	Spotted spurge	Wavyleaf bullthistle	
Mousear chickweed	Spurge	Western clematis	
Musk thistle	Spurweed	Western salsify	

Some of these species may require repeat spot applications and/or use of higher rate specified on this product label even under ideal conditions for application.

**RECOMMENDED MIXING INSTRUCTIONS**

Fill spray tank with water. Start agitation and slowly add the recommended 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.

**ORNAMENTAL LAWNS AND TURF**

Apply this product at the rate of 2 to 3 pints in 20 to 240 gallons of water per acre (0.73 to 1.10 fluid ounces in 0.5 to 5.5 gallons of water per 1,000 square feet) to control weeds growing in turf planted to bluegrass, fescue, ryegrass, bentgrass (excluding golf course greens and tees), bahiagrass, bermudagrass and zoysia grass.

**NOTE:** On closely mowed golf course fairway bentgrass, apply this product at a maximum rate of 2 pints in 20 to 240 gallons of water per acre (0.73 fluid ounces in 0.5 to 5.5 gallons of water per 1,000 square feet). During conditions which promote turf stress use lower rates, 1 to 1.5 pints in 20 to 240 gallons of water per acre (0.36 to 0.55 fluid ounces in 0.3 to 5.5 gallons per 1,000 square feet). Slight turf yellowing will disappear after one week. To minimize grass injury, a second application should not be made for at least 4 weeks. Avoid swath overlaps. Do not use on golf course bentgrass greens or tees. On warm season grasses, exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy. Some temporary discoloration may occur. If bermudagrass is dormant, up to 4 pints per acre may be used. However, some hybrid bermudagrasses may be sensitive to this product. Contact your local extension service weed control specialist.

**Lower Volume Equipment**

Use as little as 5 gallons of water per acre. Use only application equipment that is capable of spreading a uniform droplet, wetting each weed surface.

**NOTE:** For all grasses (1) Do not overlap spray patterns; (2) Use reduced rates if grass is stressed from heat, drought, etc.

**Limitations for Use on Ornamental Turf**

For broadcast treatment:

Limited to 2 applications per year. Maximum of 3.75 pints product (1.5 lbs 2,4-D ae) per acre per application (1.3 fl. oz. /1,000 ft. sq.). Minimum of 30 days between applications.

For spot treatment:

Limited to 2 applications per year. Maximum 2.75 fl. oz./1,000 ft. sq. per year. Minimum of 30 days between applications. Broadcast application is prohibited at this use rate. Spot treatment is defined as a treatment area no greater than 1,000 square feet per acre.

## SOD FARMS

This product is intended for use on sod farms. This herbicide provides selective broadleaf control in warm season and cool season turfgrass established for commercial sod production.

### Timing

Apply this herbicide to broadleaf weeds that are actively growing. Follow-up applications may be required for dense infestations of perennial and biennial weeds. Do not apply this product to Floratam St. Augustinegrass.

The application of this herbicide to grass seedlings is not recommended until after the second mowing.

The application of this product to newly sodded, sprigged, or plugged grasses should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations. Also, applications to dormant bermudagrass, dormant zoysia grass and dormant bahiagrass are suggested.

### Rates for Sod Farms

For bluegrass, ryegrass and fescue, apply 2 to 3 pints per acre. For creeping bentgrass use 1.25 pints per acre. For common and hybrid bermudagrass, bahiagrass, zoysia grass and St. Augustine grass apply 1.5 to 1.8 pints per acre. Spray volume for sod farm application is 5 to 175 gallons per acre.

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.

### Limitations for Use on Sod

The maximum rate per application is 5 pints, limited to 2 applications per year. Minimum of 30 days between applications.

## NON-TURF AREAS

Fencerows, hedgerows, roadsides (including aprons and guard rails), ditches, rights-of-way, utility, pipelines, powerlines, railroads, airports, commercial plants, storage and lumber yards, barrier strips and firebreaks, equipment areas, nurseries and ornamental plantings, fuel tank farms, pumping stations and other industrial sites.: For control of broadleaf weeds, mix at a rate of 2 to 5 pints of this product per 50 to 300 gallons of water. This mixture will cover 1 acre. Thoroughly saturate all weeds with spray mixture. 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 herbicide has translocated throughout the plant causing root death. 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 2.25 ounces of this product per gallon of water and spray to thoroughly wet all foliage.

**For control of woody plants:** Apply to both stems and foliage any time from the time foliage is completely matured until the time plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species. Add up to 5 pints in 100 gallons of water for annual and perennial weeds, and up to 7.5 pints in 100 gallons of water for woody plants, applying 200 to 600 gallons of spray mixture per 43,500 square feet depending upon the height and thickness of the brush. Mix thoroughly before spraying.

### Limitations for Non-Turf Areas

For annual and perennial weeds, the maximum rate per application is 5 pints per acre, limited to 2 applications per year. Minimum of 30 days between applications. For woody plants, the maximum rate per application is 7.5 pints per acre (2.75 fl.oz. per 1000 ft. sq), limited to 1 application per year.

Applications to non-cropland 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, or for research purposes.

## COMPATIBILITY

This product can be mixed with some liquid fertilizers or liquid iron materials. Because 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, either State or Federal, relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed. 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 this 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. Do not allow to stand overnight.

2/2

## 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. Protect from freezing. Store at temperatures above 25°F. If allowed to freeze, remix before using. This does not alter the 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 acutely hazardous. 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. 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. 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 Container:]** 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 and, if possible, spray all sides while adding water. If practical, 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.

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#### **OPTIONAL MARKETING CLAIMS – FRONT PANEL**

##### **GET THE OPTICAL ADVANTAGE®**

This product contains a purified form of 2,4-DP-p known as the optical isomer, which is the portion of the molecule active as an herbicide. The Optical Advantage ® is not associated with user eye safety.