



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 228-442	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Escalade 2 Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. 1333 Burr Ridge Parkway Suite 125A Burr Ridge, IL 60527 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  MAR 3 2006
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Label notification consistent with PRN 95-2 and 98-10, see cover letter for detailed explanation. This notification is consistent with the provisions of PR Notice 95-2 and 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged in:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Package wgt		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		No. per container	No. per container		
3. Location of Nat Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name George Meindl george.meindl@us.nufarm.com	Title Registration Manager	Telephone No. (Include Area Code) 708.755.7277
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 		
3. Title Registration Manager		
4. Typed Name George Meindl		5. Date 2/21/2006

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Nufarm Americas, Inc.  
George Meindl  
Registration Manager  
1333 Burr Ridge Parkway, Suite 125A  
Burr Ridge, IL 60527  
Phone: 708.755-7277 Fax: 708.754.0314  
george.meindl@us.nufarm.com

February 21, 2006

Via Overnight Courier

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U. S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1801 Bell Street  
Arlington, VA 22202-4501

Subject: Escalade™2 Herbicide  
EPA Reg. No. 228-442  
Label notification per PR98-10 and PR95-2

Dear Ms. Hobgood:

Nufarm Americas, Inc would like to make label changes to the subject registration. We feel that these label changes are permitted and consistent with PRN95-2 section II (Notifications) part A (Labeling) subsection 4 (Revising Advisory Statements) and PRN98-10 section II (Labeling Notifications) part D (Adding Advisory Statements).

Specifically we have replaced the following sentence " Do not spray when air temperature exceeds 90°F" with the following 2 sentences "Avoid broadcast applications when air temperature exceeds 90 degrees. When using small spot treatment applications in temperatures over 90 degrees, turf injury may occur." We have also added in a separate paragraph with the following two advisory statements: "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 applicators of this product have told us the current wording was incomplete and confusing. We feel the suggested changes gives the applicator a clearer understanding on how to use this product in the most efficacious manner possible. These changes also support Nufarm's product stewardship initiatives and overall responsible care efforts.

To process this request please find enclosed the following:

- Application for Pesticide Registration (EPA form 8570-1)
- Revised labeling with areas of change clearly identified (1 copy)
- Revised labeling - clean (1 copy)

If you should have any questions regarding this matter, please feel free to contact me at 708.755.7277 or email at [george.meindl@us.nufarm.com](mailto:george.meindl@us.nufarm.com).

Sincerely,

George Meindl  
Registration Manager  
Nufarm Americas, Inc.

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Clerys

# ESCALADE™ 2

FOR SELECTIVE BROADLEAF WEED CONTROL  
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS 2,4-D, FLUROXYPYR AND DICAMBA

**CONTROLS:** Black medic, Chickweed, Clover, Cocklebur, Dandelion, Knotweed, Oxalis, Plantain, Thistle and many other species of broadleaf weeds; some of which are listed on this label.

**ACTIVE INGREDIENTS:**

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	39.53%
1-Methylheptyl Ester of Fluroxypyr:[(4-amino-3-5-dichloro-6-fluoro-2-pyridinyl)oxy]acetic Acid,1-methylheptyl Ester**	5.90%
Dicamba (3,6-Dichloro-o-Anisic Acid)***	4.10%

<b>OTHER INGREDIENTS:</b>	50.47%
<b>TOTAL</b>	<b>100.00%</b>

By Isomer Specific AOAC Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	32.83%	3.2 lbs./gal.
**[(4-amino-3-5-dichloro-6-fluoro-2-pyridinyl)oxy]acetic Acid	4.10%	0.4 lbs./gal.
***3,6-Dichloro-o-Anisic Acid	4.10%	0.4 lbs./gal.

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING - AVISO**

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. 228-442  
EPA EST. NO. 228-IL-1

MANUFACTURED BY  
NUFARM AMERICAS INC.  
BURR RIDGE, IL 60527-0866



NET CONTENTS      GALS.

000228-00442.20060221.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING - AVISO**

Avoid contact on skin, eyes or clothing. Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. If this container is over one gallon and less than five gallons, then persons engaged in open pouring of this product must also wear coveralls or a chemical-resistant apron. If this container is five gallons or more in capacity, do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**NON-WPS TURF USES:** Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) (in general only agricultural plant uses are covered by the WPS) must wear face shield, goggles, or safety glasses and long pants, long-sleeved shirt, socks, shoes and chemical-resistant gloves when mixing, loading or applying this product. It is recommended that safety glasses include front, brow, and temple protection. In addition to the clothing and eye protection listed above, commercial mixer/loaders must wear chemical-resistant in place of rubber gloves except when the product is to be applied to a golf course. After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

**NON-WPS INDUSTRIAL USES:** When mixing, loading or applying this product or repairing or cleaning equipment used with this product, wear face shield, goggles, or safety glasses and chemical-resistant gloves, long-sleeved shirt, long pants, socks and shoes. It is recommended that safety glasses include front, brow, and temple protection. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required. Wash hands, face and arms with soap and water as soon as possible after mixing, loading or applying this product. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower.

**WPS USES:** Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) (in general, agricultural plant uses are covered) must wear: long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, shoes plus socks, and protective eyewear, when cleaning equipment, mixing or loading. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned. If this container is over one gallon and less than five gallons, mixers and loaders who do not use a mechanical system (such as a probe and pump or spigot) to transfer contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

**Engineering Controls Statements:** If this container is five gallons or more in capacity, do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used 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 requirements may be reduced or modified as specified in the WPS.

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

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Drift or runoff from treated areas may be hazardous to aquatic organisms and nontarget plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from target area. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other spraying. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these herbicides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

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

Under some conditions this product may have a potential to run-off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, such as no till, limited till and contour plowing; these methods also reduce pesticide run-off. Where feasible, use application techniques such as T-banding and in-furrow techniques which incorporate the pesticide into the soil. Use of vegetation filter strips along rivers, creeks, streams, wetlands, etc. or on the downhill side of fields where run-off could occur will minimize water run-off is recommended.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

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.

#### **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, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure.

**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.

For turf use, do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

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) and similar turf areas; also for use on Sod Farms. This product should not be used in or near greenhouses.

\*Excluding Bentgrass Tees

**USE PRECAUTIONS**

Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. 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. 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. 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. 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 of this product 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.

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.

**WEEDS CONTROLLED**

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

**WEEDS CONTROLLED (continued)**

Puncture vine	Smartweed	Sumac	Vetch	Wild radish
Purslane	Smooth dock	Sunflower	Virginia buttonweed	Wild rape
Ragweed	Smooth pigweed	Sweet clover	Virginia creeper	Wild strawberry
Red clover	Sneezeweed	Tall nettle	Virginia pepperweed	Wild sweet potato
Redroot pigweed	Southern wild rose	Tall vervain	Wavyleaf bullthistle	Wild vetch
Red sorrel	Sowthistle	Tansy mustard	Western clematis	Willow
Redstem filaree	Spanishneedle	Tansy ragwort	Western salsify	Witchweed
Rough cinquefoil	Spatterdock	Tanweed	White clover	Woolly morning-glory
Rough fleabane	Speedwell	Tarweed	White mustard	Woodsorrel
Roundleafed marigold	Spiny Amaranth	Thistle	Wild aster	Woolly croton
Rush	Spiny cocklebur	Tick trefoil	Wild buckwheat	Woolly plantain
Russian pigweed	Spotted catsear	Toadflax	Wild carrot	Wormseed
Russian thistle	Spotted knapweed	Trailing Crownvetch	Wild four-o'clock	Yarrow
St. Johnswort	Spotted spurge	Tumble mustard	Wild garlic	Yellow rocket
Scarlet pimpernel	Spurge	Tumble pigweed	Wild geranium	Yellowflower pepperweed
Scotch thistle	Spurweed	Tumbleweed	Wild lettuce	and other broadleaf weeds.
Sheep sorrel	Stinging nettle	Velvet leaf	Wild marigold	
Shepherdspurse	Stinkweed	Venice mallow	Wild mustard	
Slender plantain	Stitchwort	Veronica	Wild onion	
Smallflower galinsoga	Strawberry clover	Vervain	Wild parsnip	

Some of these species may require repeat spot applications and/or use of higher rate recommended 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 (0.75 to 1.1 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), Bahia, Bermudagrass and Zoysia.

**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 (0.75 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 1-1/2 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 greens or tees.

**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; and (2) use reduced rates if grass is stressed from heat, drought, etc.

**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 Zoysiagrass and dormant Paspalum are suggested.

**Recommended 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, Bahia, Zoysia 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.

### NON-TURF AREAS

Roadsides (including aprons and guardrails), rights-of-way, and other similar non-crop areas: For control of broadleaf weeds, mix at a rate of 2 to 5 pints of this product per acre in adequate water to thoroughly saturate all weeds with spray mixture. This may require a spray volume of 50 to 300 gallons of water per acre. 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 2-1/4 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 4 to 5 pints of this product per acre in adequate water to thoroughly saturate all weeds with the spray mixture. This may require a spray volume of 200 to 600 gallons of water per acre depending upon the height and thickness of the brush. Mix thoroughly before spraying.

**\*Maximum seasonal application rate to non-crop sites is 4 pounds 2,4-D Acid equivalent per acre per application site.**

### 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 ounces of water into a quart jar.
2. Add 1 ounce of either the liquid fertilizer or liquid iron to be used.
3. Add 1 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. Some suggested compatibility agents to try are Kalo Laboratories Complex, Farm Chemicals Inc.'s Compat, Harcros Chemicals' T-Mulz 734-2, Rigo Company's Rigo Compatibility Agent, Witco Chemical's Sponto 168D, Amoco Oil's Amoco Spray Mate and Universal Coop.'s Chem-Link. These agents are all used in the same manner. 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. Do not allow to stand overnight.

### 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 DISPOSAL:** Triple rinse (or equivalent). 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.

**CONTAINER DISPOSAL FOR REFILLABLE CONTAINERS:** Close all openings and replace all caps. Contact Nufar's Customer Service at 1-800-345-3330 to arrange for return of the empty refillable container.



**Conditions of Sale and Limitation of Warranty and Liability:**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Desirable plant injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of Nufarm or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Nufarm and Seller harmless for any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. NUFARM MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Nufarm, and Buyer assumes the risk of any such use.**

To the extent allowed by law, Nufarm or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF NUFARM AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR AT THE ELECTION OF NUFARM OR SELLER, THE REPLACEMENT OF PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

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