

ACCEPTED

Doc id:
556098

FOR REGISTRATION

March 21, 2018

New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product RegistrationClassified for
"RESTRICTED USE"
in New York State
under 6NYCRR Part 326

GROUP 4 HERBICIDE

Escalade[®] 2

HERBICIDE

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, Dogfennel, Kochia, Knot weed, Horsetail, Pigweed, Toadflax, Vetch and many other species of broadleaf weeds

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%

OTHER INGREDIENTS:

TOTAL:	50.47%
	100.00%

By Isomer Specific AOAC Method, Equivalent to:

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

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

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 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-001



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Net Contents
2.5 Gal.
(9.46 L)

Manufactured for
Nufarm Americas Inc.
11901 S. Austin Avenue
Alsip, IL 60803



Nufarm Grow a better tomorrow.



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING / AVISO

Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are made of barrier laminate, butyl rubber (≥ 14 mil.), nitrile rubber (≥ 14 mil.) or viton (≥ 14 mil.).

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

- long-sleeved shirt and long pants,
- shoes and socks,
- protective eyewear (face shield, goggles or safety glasses),
- chemical-resistant gloves,
- 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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.

FIRST AID

IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.

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.

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. 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, 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.

Do not apply this product aerially.

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 worn over short-sleeved shirt and short pants,
- chemical-resistant footwear plus socks,
- chemical-resistant gloves made of any waterproof material,
- 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 for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees* and Roughs); also for use on Sod Farms. This product should not be used in or near greenhouses. *Excluding Bentgrass Tees

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 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. Reseed no sooner than 3 to 4 weeks after application of this product. 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, 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 appropriate 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.

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

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 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, 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

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





WEEDS CONTROLLED

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

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.

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 Bentgrass 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 1.5 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 greens or Bentgrass 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.

Limitations for Use on Ornamental Turf: The maximum rate per application is 3.75 pints per acre, and the maximum seasonal rate is 7.5 pints per acre. Do not apply more than 2 broadcast applications to the same treatment site per year, excluding spot treatments. Do not apply more than 7.5 pints per acre per year, including all broadcast and spot treatments combined. Do not exceed 2.0 lb ae dicamba and 3.0 lb ae 2,4-D per acre per year. Reseed no sooner than 3 to 4 weeks after application of this product.

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 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 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, Bahia and Zoysia 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 per acre, and the maximum seasonal rate is 10 pints per acre. Do not apply more than 2 broadcast applications to the same treatment area per year, excluding spot treatments. Do not apply more than 10 pints per acre per year, including all broadcast and spot treatments combined. Minimum of 21 days between applications.

NON-TURF AREAS

Roadsides (including aprons and guardrails) and rights-of-way: 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, but do not exceed 5 pints of product per acre per application.

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.

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. Do not apply more than 10 pints per acre per year, including all broadcast and spot treatments combined. Minimum of 30 days between applications. For woody plants, the maximum rate per application is 10 pints per acre, 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. It is the pesticide user's responsibility to ensure that all products in the listed mixtures 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. 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 1 68D, 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 HANDLING: 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.

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 USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN 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 ARISING 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.*

USES WITH OTHER PRODUCTS (TANK MIXES) If the goods are used in combination with any other product *except as specifically recommended in writing by Nufarm*, then Nufarm shall have no liability for any crop, plant, or other loss, damage, or injury arising out of its use in any such combination not so specifically recommended.

RV042216 [2]

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

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Division of Materials Management
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CONTROLS: Black medic, Chickweed, Clover, Cocklebur, Dandelion, Knotweed, Oxalis, Plantain, Thistle, Dogfennel, Kochia, Knot weed, Horsetail, Pigweed, Toadflax, Vetch and many other species of broadleaf weeds**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%

OTHER INGREDIENTS: 50.47%**TOTAL:** 100.00%

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.

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

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

EPA Reg. No. 228-442

EPA Est. No. 228-IL-001

Manufactured for
Nufarm Americas Inc.
11901 S. Austin Avenue
Alsip, IL 60803**Nufarm** Grow a better tomorrow.

7 3621176196 5

Net Contents
30 Gal.
(113.65 L)
Nonrefillable Container

14238000

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING / AVISO

Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

FIRST AID

IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

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.

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.

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, 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.

Do not apply this product aerially.

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.PULL HERE TO OPEN
PRESS TO RESEAL

RV042216 [2]

GROUP 4 HERBICIDE

ESCALADE^{®2} HERBICIDE

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, Dogfennel, Kochia, Knot weed, Horsetail, Pigweed, Toadflax, Vetch and many other species of broadleaf weeds**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%

OTHER INGREDIENTS:	50.47%
TOTAL:	100.00%

By Isomer Specific AOAC Method, Equivalent to:

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

DO NOT SELL, DISTRIBUTE OR USE THE PRODUCT IN NASSAU AND SUFFOLK COUNTY IN NEW YORK.**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 LABEL BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE**

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

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

Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

FIRST AID

IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

EPA Reg. No. 228-442
EPA Est. No. 228-IL-001Manufactured by Nufarm Americas Inc.
11901 S. Austin Avenue | Alsip, IL 60803**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 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.

PULL HERE TO OPEN ↑

14236000

RV042216 [2]



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING / AVISO

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are made of barrier laminate, butyl rubber (≥14 mil.), nitrile rubber (≥14 mil.) or viton (≥14 mil.).

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

- long-sleeved shirt and long pants,
- shoes and socks,
- protective eyewear (face shield, goggles or safety glasses),
- chemical-resistant gloves,
- 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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.

FIRST AID

IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

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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.

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, 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.

Do not apply this product aerially.





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 worn over short-sleeved shirt and short pants,
- chemical-resistant footwear plus socks,
- chemical-resistant gloves made of any waterproof material,
- 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 for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees* and Roughs); also for use on Sod Farms. This product should not be used in or near greenhouses. *Excluding Bentgrass Tees

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 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. Reseed no sooner than 3 to 4 weeks after application of this product. 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, 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 appropriate 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.

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 airstream, chemigation) can influence pesticide drift.

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 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, 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

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





WEEDS CONTROLLED

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

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.

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 Bentgrass 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 1.5 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 greens or Bentgrass 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.

Limitations for Use on Ornamental Turf: The maximum rate per application is 3.75 pints per acre, and the maximum seasonal rate is 7.5 pints per acre. Do not apply more than 2 broadcast applications to the same treatment site per year, excluding spot treatments. Do not apply more than 7.5 pints per acre per year, including all broadcast and spot treatments combined. Do not exceed 2.0 lb ae dicamba and 3.0 lb ae 2,4-D per acre per year. Reseed no sooner than 3 to 4 weeks after application of this product.





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 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 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, Bahia and Zoysia 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 per acre, and the maximum seasonal rate is 10 pints per acre. Do not apply more than 2 broadcast applications to the same treatment area per year, excluding spot treatments. Do not apply more than 10 pints per acre per year, including all broadcast and spot treatments combined. Minimum of 21 days between applications.

NON-TURF AREAS

Roadsides (including aprons and guardrails) and rights-of-way: 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, but do not exceed 5 pints of product per acre per application.

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.

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. Do not apply more than 10 pints per acre per year, including all broadcast and spot treatments combined. Minimum of 30 days between applications. For woody plants, the maximum rate per application is 10 pints per acre, 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. It is the pesticide user's responsibility to ensure that all products in the listed mixtures 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. 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 1 68D, 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 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

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USES WITH OTHER PRODUCTS (TANK MIXES) If the goods are used in combination with any other product except as specifically recommended in writing by Nufarm, then Nufarm shall have no liability for any crop, plant, or other loss, damage, or injury arising out of its use in any such combination not so specifically recommended.

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