

228-531

11-9-2007

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Therodore D. Head
Product Registration
Nufarm Americas, Inc.,
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

NOV 9 2007

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request General Label Change
EPA Reg. No. 228-531
Application Dated September 25, 2007

Dear Mr. Head:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 09/25/07 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



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Nufarm Americas, Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527
Telephone: (630) 455.2000 Facsimile: (630) 455.2001
www.us.nufarm.com

September 25, 2007

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
RoomS-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attention: J. Miller, PM 23
Herbicide Branch

Subject: Label Notification for Quincept Herbicide EPA Reg. No. 228-531

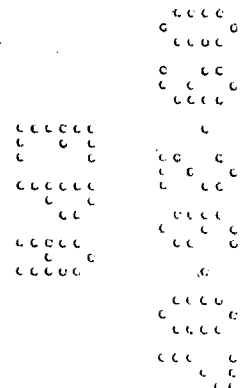
Dear Joanne:

Enclosed please find 5 copies of our proposed label of Quincept. Nufarm desires to add (Not for use on Sod Farms in Arizona) to this label. This statement can be found on page 5 under the Sod Farm heading. No other changes have been made to the label.

Should you have any questions or the need for additional information please do not hesitate to contact me at 630-455-2000 or via e-mail ted.head@us.nufarm.com.

Best regards,


Theodore D. Head
Product Registration Manager



(A)	EPA United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 Application for Pesticide:	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number Please Attach An Original Form
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Section I

1. Company/Product Number 228- 531	2. EPA Product Manager J Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Quincept Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas Inc. 150 Harvester Drive, Suite 200 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. DQD Selective Herbicide	

Section II

<input type="checkbox"/> Amendment - Explain Below	<input type="checkbox"/> Final printed labels in response to Agency letter dated 8-24-07
<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).

Adding not for use on sod farms in Arizona.
 This notification is consistent with the provisions of PR Notice 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 any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 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:

Child-Resistant Packaging <input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
*Certification must be submitted.		If "Yes," Package Wt. No. Per Container	

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label or <input checked="" type="checkbox"/> Container	4. Size(s) of Retail Container 1 qt.; ½, 1, 2½, 30, 55 bulk gallons	5. Location of Label Directions <input checked="" type="checkbox"/> On Label or <input checked="" type="checkbox"/> On Labeling accompanying product
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6. Manner In Which Label Is Affixed To Product Lithograph Other (Self-Adhesive Integrated Label/Booklet)
 Paper Glued
 Stenciled

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Theodore D. Head	Title Product Registration Manager / Agriculture	Telephone No. (Include Area Code) (708) 754-3330
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<p style="text-align: center;">Certification</p> <p>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.</p>	8. Date Application Received <div style="text-align: center; border: 1px solid black; padding: 5px;">(Stamped)</div>
2. Signature	5. Date 9-25-07
3. Title Product Registration Manager / Agriculture	
4. Typed Name Theodore D. Head	

Quincept™ Herbicide

FOR SELECTIVE BROADLEAF AND CERTAIN GRASSY WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS 2,4-D, QUINCLORAC AND DICAMBA

CONTROLS: DANDELION, CHICKWEED, BLACK MEDIC, KNOTWEED,
PLANTAIN, OXALIS, CLOVER, COCKLEBUR, THISTLE, LARGE
AND SMOOTH CRABGRASS AND MANY OTHER SPECIES OF
BROADLEAF AND CERTAIN GRASSY WEEDS; SOME OF
WHICH ARE LISTED ON THIS LABEL.

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	13.24%
Quinclorac (3,7-Dichloro-8-quinolinecarboxylic Acid)**	8.25%
Dicamba (3,6-Dichloro-o-Anisic Acid)***	1.38%

OTHER INGREDIENTS:	77.13%
TOTAL:	100.0%

By Isomer Specific AOAC Method, Equivalent to:

* 2,4-Dichlorophenoxyacetic Acid	11.34%, 1.00 lbs./gal.
** 3,7-Dichloro-8-quinolinecarboxylic Acid	8.25%, 0.75 lbs./gal.
*** 3,6-Dichloro-o-Anisic Acid	1.38%, 0.125 lbs./gal.

INTENDED FOR USE BY PROFESSIONAL TURF MAINTENANCE PERSONNEL, LANDSCAPING
OR COMMERCIAL APPLICATORS ONLY. NOT INTENDED FOR SALE TO OR USE BY HOMEOWNERS.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**
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. 228-531
EPA EST. NO. 228-IL-1

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



NET CONTENTS

000228.00531.20070924.FIN
NUP-12D02

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

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid contact with eyes or on clothing. Wear protective eyewear. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

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

- Long-sleeved shirt and long pants
- Shoes plus socks, and
- Chemical-resistant gloves

See engineering controls for additional requirements and exceptions.

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 1 70.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

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.

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.

HOT LINE NUMBER

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Drift or runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Drift or runoff may adversely affect 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 or rinsate. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

The chemicals in this product have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals 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.

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.**

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 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves made of any waterproof material (such as nitrile, butyl, neoprene, and/or barrier laminate), 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, the maximum number of broadcast applications per treatment site is 2 per year.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter or allow others to enter treatment areas until sprays have dried.

This product is for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (tolerant species only) and similar turf areas; also for use on Sod Farms.

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. Augustinegrass, Dichondra, Bahiagrass, Zoyziagrass, Bermudagrass and Bentgrass 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. Avoid broadcast applications when air temperature exceeds 90 degrees. When using small, spot treatment applications in temperature over 90 degrees, turf injury may occur.

Do not use clippings as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.

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 the maximum labeled rate for the turf type where the product is to be applied. 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.

Do not apply this product by air or through any type of irrigation equipment.

Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds but doing so may reduce selectivity to turf resulting in turf damage. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other sprays.

This product can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizer and liquid iron differ in pH, free ammonia content, density, salt concentration and percentage of water, a compatibility test is recommended prior to mixing in 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.

Make no more than 2 applications per year. For ornamental lawns and turf, apply no more than 1.5 lbs. ae 2,4-D per acre per application and no more than 3.0 lbs. ae 2,4-D per acre per year, excluding spot treatments. For turf grown for seed or sod, apply no more than 2.0 lbs. ae 2,4-D per acre per application, with a minimum of 21 days between applications.

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BROADLEAF 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	Toadflax
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	Lespedeza	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	Morningglory	Shepherdspurse	White mustard
Bracted plantain	False sunflower	Mousear chickweed	Slender plantain	Wild mustard
Brassbuttons	Fiddleneck	Musk thistle	Smallflower galinsoga	Wild aster
Bristly oxtongue	Field bindweed	Mustard	Smartweed	Wild buckwheat
Broadleaf dock	Field pansy	Narrowleaf plantain	Smooth dock	Wild carrot
Broadleaf plantain	Flea bane (daisy)	Narrowleaf vetch	Smooth pigweed	Wild four-o'clock
Broomweed	Flixweed	Nettle	Sneezeweed	Wild garlic
Buckhorn	Florida betony	Orange hawkweed	Southern wild rose	Wild geranium
Buckhorn plantain	Florida pusley	Oxalis	Sowthistle	Wild lettuce
Bulbous buttercup	Frenchweed	Oxeye daisy	Spanishneedle	Wild marigold
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	Woodsorrel
Catchweed bedstraw	Healall	Plantain	Stinkweed	Woolly croton
Catsear	Heartleaf drymary	Poison hemlock	Stitchwort	Woolly morning-glory
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	Yellowflower
Cockle	Hoary plantain	Prickly lettuce	Tall vervain	pepperweed
Cocklebur	Hoary vervain	Prickly sida	Tansy mustard	and other broadleaf
Coffeebean	Honeysuckle	Primrose	Tansy ragwort	weeds.
Coffeeweed	Hop clover	Prostrate knotweed	Tanweed	
	Horsenettle	Prostrate pigweed	Tarweed	

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

POST EMERGENT GRASSY WEED CONTROL IN ORNAMENTAL LAWNS AND TURF

This product can provide control and suppression of certain grassy weeds. For best results, apply this product when weeds are actively growing and in early stages of growth. More mature grasses will be more difficult to control and may require a second application. Mature, drought stressed grassy weeds will be more difficult to control so adequate soil moisture is preferred. Adverse or extreme environmental conditions such as poor soil conditions, high temperatures, drought and cultural conditions may effect the performance of this product. Do not broadcast apply this product above 90 degrees. Spot treatments above 90 degrees may result in some turf injury.

GRASSY WEEDS CONTROLLED IN ORNAMENTAL LAWNS AND TURF

COMMON NAME	COMMENTS
Barnyardgrass Crabgrass, Large ^{1,2} Crabgrass, Smooth ^{1,2} Foxtail, Giant ¹ Foxtail, Yellow ¹ Signalgrass, Broadleaf ¹	¹ Under certain conditions annual grasses at the 2 to 4 tiller stage may not be completely controlled and a sequential application may be needed. ² Large and Smooth Crabgrass in California have shown varied response to this herbicide. If control failure occurs, do not reapply this product. Change to a product with a different mode of action.

During conditions which promote turf stress additional yellowing may occur. 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.

Controlled Droplet Applicators (CDA), Atomizers, and Spinning Disk Applicators: Use this product at the rate of 7 to 8 pints per acre on the listed tolerant turf species in sufficient water to assure coverage (1 to 4 gallons of water per acre is normal for this type of equipment).

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

NOTE: For all grasses (1) do not overlap spray patterns; (2) use reduced rates if grass is stressed from heat, drought, etc.; and (3) follow CDA equipment spray instructions.

SOD FARMS

(Not for use on Sod Farms in Arizona.)

FOR CONTROL OF BROADLEAF AND GRASSY WEEDS

This product is intended for use on sod farms. This herbicide provides selective broadleaf control in listed warm season and cool season turf grass 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 broadleaf and grassy weeds. Do not apply this product to St. Augustinegrass, Bahiagrass, Centipedegrass, Dichondra, Zoysiagrass, Bermudagrass or Bentgrass.

The application of this herbicide to grass seedlings is not recommended until after the third mowing. Do not mow for two days before or two days after application. Clippings for the first three mowings should left in the application area.

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. Delay applications for 4 weeks after seeding and emergence of Kentucky bluegrass, perennial ryegrass and fine fescues.

RECOMMENDED RATES FOR SOD FARMS

For Bluegrass, Ryegrass and Fescue, apply 7 to 8 pints per acre. Spray volume for Sod Farm application is 20 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.

Spray Volumes: Higher water volumes are generally required to control grassy weeds. Use 20 to 220 gallons per acre (.5 to 5 gallons per 1,000 per square feet) and a spray pressure of 20 to 40 psi. Higher water volumes should be used for control of dense weed populations to ensure weed foliage is completely covered.

Dual Applications: A single application should control less mature, light weed populations; however, a second application may be required to control heavy, mature broadleaf weed infestations. Under certain conditions, annual grasses in the 2 to 4 tiller stages may require a sequential application.

Highly Tolerant Species	Moderately Tolerant Species
Bluegrass, Kentucky Bluegrass, Annual Fescue, Tall Ryegrass, Annual Ryegrass, Perennial	Fescue, Fine ¹ Fescue, Red Fescue, Hard Fescue, Chewing's Bluegrass, Rough (Poa Trivialis)
¹ Only apply this herbicide on fine fescue when it is part of a blend. Yellowing that may occur can be reduced by the addition of chelated iron or sprayable nitrogen fertilizer.	

APPLICATION GUIDELINES			
APPLICATION	RATE	SPRAY VOLUME	MAXIMUM APPLICATIONS
Single	7 to 8 pints/A or 112 to 128 ounces/A	20 to 220 gal/A or .45 to 45 gal/1,000 sq. ft.	2 per year
Spot Treatment	2.5 to 2.9 fluid ounces/1,000 sq. ft.	1 gal/1,000 sq. ft.	

Application Guidelines:

- Ensure that spray volumes are adequate to completely cover weeds, especially when dense weed infestations make it difficult to completely cover the foliage of target weeds.
- Early applications of this product will not control weeds germinating later in the season so a second application may be necessary.
- If turf injury is observed after the first application, delay the second application until turf has recovered.

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 7 to 8 pints of this product per 50 to 300 gallons of water. This mixture will cover 1 acre. Thoroughly saturate all weeds with spray mixture. Apply any time between the time when plants come into full leaf (spring) to when the plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds, use the lower rate. Heavy, dense stands require the higher rate with high water volume. For small (spot) applications with small tank sprayers, apply at the rate of 2.9 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 7 to 8 pints of this product to 100 gallons of water, applying 200 to 600 gallons of spray mixture per acre depending upon the height and thickness of the brush. Mix thoroughly before spraying.

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. Follow the previously outlined test procedures and add 1/6 ounce of the compatibility agent between steps (the compatibility agent must be added to the fertilizer or iron before adding this product).
8. If the mixture does not separate, gel, foam or get very thick, it may be used for field application. Mix only the amount to be sprayed. Do not allow to stand overnight.

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 32°F. If allowed to freeze, remix before using. This does not alter the product. Containers should be opened in well ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not store near open containers of fertilizer, seed or other pesticides.

PESTICIDE DISPOSAL: Pesticide wastes are 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.

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WARRANTY DISCLAIMER

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