



# Last Call<sup>TM</sup>

## Selective Herbicide

**For Postemergent Annual and Perennial Grass and Broadleaf Weed Control in Turfgrass; including Golf Courses, Athletic Turf, Commercial Turf and Residential Turf.**

**ACTIVE INGREDIENTS:**

Fenoxaprop-p-ethyl*	2.70%
Fluroxypyr MHE**	3.89%
Dicamba acid***	2.70%

<b>OTHER INGREDIENTS</b>	90.71%
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<b>TOTAL:</b>	100.00%
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\*Equivalent to 0.25 lbs/gallon Fenoxaprop-p-ethyl

\*\*Equivalent to 0.25 lbs/gallon Fluroxypyr acid equivalent

\*\*\*Equivalent to 0.25 lbs/gallon Dicamba acid

**NOT FOR SALE, DISTRIBUTION OR USE IN NASSAU AND SUFFOLK COUNTIES IN NEW YORK.**

### KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

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, additional PRECAUTIONARY STATEMENTS and complete DIRECTIONS FOR USE.**

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

EPA Reg. No. 228-719

Manufactured for  
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# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# CAUTION/PRECAUCIÓN

Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

### Physical or Chemical Hazards:

Do not use with or store near any oxidizing or reducing agents. Hazardous chemical reaction may occur.

### 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 G on an EPA chemical resistance category selection chart.

#### Applicators and Other Handlers Must Wear:

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

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.

## USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands with soap and water after handling and 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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## FIRST AID

#### IF ON SKIN OR CLOTHING

- 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.

#### IF IN EYES

- 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.

## 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.

## NOTE TO PHYSICIAN

This product may pose an aspiration pneumonia hazard. Contains petroleum distillates.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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 runoff or drift. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**Groundwater Advisory:** This product contains chemicals that demonstrate the 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.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read the 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 any person or pet, either directly or through drift. Only protected handlers may be in the area during application.

Keep people and pets out of the area during application.

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Keep unprotected persons out of treated areas until sprays have dried.

## PRODUCT INFORMATION

This product is an Emulsified Concentrate formulation containing fenoxaprop, fluroxypyr and dicamba. This product is used for postemergence control of annual grass weeds and suppression of some perennial grass weeds in established turfgrass and for the control of broadleaf weeds.

This product is absorbed through the foliage of grasses and broadleaf weeds. Thorough coverage is important. Visual injury on the grass weed is evident approximately 4 to 10 days after application (dependent upon environmental conditions) but control of the labeled grass and broadleaf weeds will take 12 to 21 days. Visible effects begin as a general chlorosis (yellowing) and/or reddening of the leaf surface followed by death of the weed.

## USE RESTRICTIONS

Do not apply more than 64 fluid ounces (4 pints) (2 quarts) per acre or 1.5 fluid ounces per 1,000 square feet of this product per application. Do not apply more than 240 fluid ounces (15 pints) (7.5 quarts) per acre or 5.5 fluid ounces per 1,000 square feet per year.

Do not use this product on golf course putting greens or tees.

Do not use on sod farms.

Do not apply or pour spray solutions near desirable plants such as:

- Bermudagrass, Bentgrass, St. Augustine (including Floratam), Centipedegrass or Bahiagrass,
- Gardens including vegetable, fruit trees, vines and berries, and
- Ornamental plants (flowers, trees, groundcovers, landscape beds and shrubs).

Do not apply by air or through any type of irrigation system.

Allow a minimum of 14 days between sequential applications.

## USE PRECAUTIONS

For use on Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue and zoysiagrass turf.

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

## DIRECTIONS FOR USE IN TURFGRASS SPECIES

This product may be applied as a broadcast application to all cultivars of the following turfgrass species:

Kentucky bluegrass

Perennial ryegrass

Fine fescue

Tall fescue

Zoysiagrass

## GRASS WEED SPECIES CONTROLLED

This product will control the following annual grass weeds:

Barnyardgrass

Japanese stiltgrass

Foxtail species

Panicum species

Common bermudagrass\*

Johnsongrass (seedling)

Goosegrass,

Sandbur

Crabgrass, large

Crabgrass, smooth

silver crabgrass

Sprangletop

\*See section on bermudagrass spray program.

## BROADLEAF WEED SPECIES CONTROLLED

This product will control the following broadleaf weeds:

Bedstraw

Dogfennel

Lespedeza

Sweetclover

Buttercup

English daisy

Mustards

Thistle

Burclover

Florida pusley

Oxalis

Vetch, common

Carpetweed

Geranium, Carolina

Parsley piert

White clover

Catsear

Henbit

Pennywort

Wild carrot

Chickweeds

Hop clover

Purslane, common

Wild garlic

Cudweed

Knotweed

Ragweed

Wild onion

Curly dock

Lambsquarters

Sorrel, red (sheep)

Yarrow

Dandelion

## APPLICATION INFORMATION

This product is a systemic herbicide which controls only grasses and broadleaf weeds which are emerged at the time of spraying. Young, actively growing grass weeds are more easily controlled than larger grass weeds. Use 44 to 88 gallons of finished spray solution per acre for thorough coverage. Refer to the following application rate and timing recommendation chart for application rates and timing of application. Avoid applications to turfgrass under stress due to lack of moisture, chemical injury or temperature extremes.

For optimal control, treat annual grass weeds between the 1-leaf to 4-tiller stage of growth.

## BROADCAST TURF APPLICATION USE RATE TABLE

TURFGRASS	Pints per Acre	Fluid Ounces per 1,000 Square Feet
Kentucky bluegrass Perennial ryegrass Fine fescue Tall fescue Zoysiagrass	3.5 to 4.0*	1.3 to 1.5*

\*Use 4 pints per acre or 1.5 fluid ounces per 1,000 square feet if the annual grasses have 3 or more tillers or if dense populations of broadleaf weeds are present.

### Pressurized Hydraulic Sprayer Application

Apply this product by means of a pressurized hydraulic sprayer using 30 to 60 psi and 44 to 88 gal of water per acre (1.0 to 2.0 gallons of finished spray per 1,000 sq ft). Thorough spray coverage is essential for optimum results. Flat fan nozzles are recommended.

### High Volume Handgun Spray Application

If a low pressure (under 30 psi), high volume (greater than 60 gallons per acre) handgun type sprayer is utilized, the addition of a surfactant at 32 fluid ounces per 100 gallons is recommended. Thorough coverage is essential for optimum results.

### Hand-Held Sprayer Application for Spot Treatments

For hand-held pump-type sprayers, add 0.60 to 1.0 fluid ounces of this product per 1 gallon of water. Apply 0.60 fluid ounces of product per gallon of water when the grass weed is in the 1 to 4-leaf stage of growth. Apply 1.0 fluid ounces of product per gallon of water when the grass weed has 1 to 2 tillers. Spray target weeds thoroughly to the point of spray deposit runoff. Optimum results occur when spray coverage is thorough. The addition of a surfactant will improve coverage. A dye or colorant may be added to avoid spray pattern overlap.

## MIXING DIRECTIONS

This product must be thoroughly mixed to ensure optimal weed control. Follow the directions below when preparing spray mixtures. Always add water first to the spray tank in a minimum of 10 parts water to 1 part product while mixing.

### Broadcast Spray Equipment

Fill the tank with approximately half of the required water and, with the pump or agitator operating, add the required amount of herbicide and continue filling the tank with the remainder of the water. Add surfactant if needed and mix thoroughly before the application is made.

### Back Pack or Hand-Held Spray Equipment

Fill the tank with approximately half of the required water then add the required amount of herbicide to the tank. Replace the cap and agitate by shaking and/or inverting the sprayer. Add the remaining water required and surfactant if needed, then repeat agitation to ensure that the herbicide solution is thoroughly mixed.

## MOWING INFORMATION

For best results, allow 24 hours after application for product absorption and translocation into the weed before mowing. The effectiveness of this product is reduced when grass clippings interfere with thorough spray coverage of the target weeds.

## REPEAT APPLICATION INFORMATION

Repeat applications of this product may be required under the following condition (refer to the "Application Rate and Timing Recommendation Chart" for dosages):

- (a) Continued grass weed seed germination after the initial application, and/or
- (b) When dense populations of weeds prevent thorough spray coverage of the entire leaf surface of target weeds.

Do not apply more than a total of 240 fluid ounces (15 pints) (7.5 quarts) of product per acre or 5.5 fluid ounces per 1,000 square feet per year. Do not repeat applications of this product sooner than 14 days after the previous application. Repeat applications should be made only to grass weeds with vigorous growth. If turfgrass stunting occurred with the previous application, avoid applying until turfgrass recovery is complete (unless temporary stunting can be tolerated). See "Notes for Weed Control in Turfgrasses" below.

## TANK MIXES

Unless otherwise prohibited on this label or the label of an intended tank mix product, this product may be applied in combination with any pesticide registered for the same crop, timing, and method of application. Observe the most restrictive label statements of various tank mix products used.

**IMPORTANT: PESTICIDE TANK MIXES MAY INCREASE THE RISK OF MIXING INCOMPATIBILITIES, REDUCED EFFECTIVENESS AND/OR CAUSE CROP INJURY OR LOSS. ANY LIABILITY FOR LOSS, INJURY OR DAMAGE RESULTING FROM A TANK MIXTURE NOT SPECIFIED ON THIS LABEL OR IN MANUFACTURER'S SUPPLEMENTAL LABELING DISTRIBUTED FOR THIS PRODUCT IS SPECIFICALLY DISCLAIMED BY MANUFACTURER TO THE EXTENT CONSISTENT WITH APPLICABLE LAW.**

## COMPATIBILITY

Before full-scale mixing of this product with herbicides, insecticides, fungicides, surfactant and fertilizers, you must determine the compatibility of the proposed mixture. Use proportionate quantities of each ingredient and mix in a small container. Always mix one product thoroughly with the diluent before adding another product. If no incompatibility is evident after 30 minutes, the mixture is generally compatible for spraying. To evaluate potential short term effects of applying the mixture, test the tank mix combination on a few plants or a small area before larger-scale treatments. Wait at least 2 to 3 days for problems to become apparent.

**IMPORTANT: MIXING WITH OTHER SUBSTANCES MAY INCREASE THE RISK OF MIXING INCOMPATIBILITIES, REDUCED EFFECTIVENESS AND/OR CAUSE CROP INJURY OR LOSS. ANY LIABILITY FOR LOSS, INJURY OR DAMAGE RESULTING FROM A MIXTURE NOT SPECIFIED ON THIS LABEL OR IN MANUFACTURER'S SUPPLEMENTAL LABELING DISTRIBUTED FOR THIS PRODUCT IS SPECIFICALLY DISCLAIMED BY MANUFACTURER TO THE EXTENT CONSISTENT WITH APPLICABLE LAW.**

## TANK MIX WITH PRE-EMERGENT RESIDUAL HERBICIDES

A tank mix application of this product and residual herbicides may be made to provide residual annual weed control. Apply at rates of 18.0 to 56 fluid ounces per acre (1.1 to 2.5 pints per acre) (0.6 to 1.75 quarts per acre) or 0.4 to 1.2 fluid ounces per 1,000 sq ft according to the application rate and timing recommendation chart when tank mixing with the following products: ProClipse®, Barricade®, Dacthal®, Dimension®, Pendimethalin, Tupersan® and Ronstar® WP.

## BERMUDAGRASS SPRAY PROGRAM

To control undesirable Bermudagrass, up to 4 applications spaced one month apart may be required. Make the first application in the fall.

Repeat the application the following growing season, if necessary, in the spring when the Bermudagrass begins to green up.

Do not make more than 4 applications per year at the 3.5 pints per acre application rate.

Do not make more than 3 applications per year at the 4 pint per acre application rate.

Do not apply more than 240 fluid ounces (15 pints) (7.5 quarts) per acre or 5.5 fluid ounces per 1,000 square feet per year.

A fall application to green bermudagrass prior to dormancy will prevent or delay reinfestation the following spring.

## NOTES FOR WEED CONTROL IN TURFGRASSES

1. Stunting and/or chlorosis may occur on succulent, rapidly growing Kentucky bluegrass. Symptoms are temporary and will subside.
2. Adequate soil moisture will enhance the performance of this product. Avoid application of this product under DROUGHT STRESS conditions. Thorough irrigation one to two days before or within one day after application will be helpful under these conditions.
3. Rainfall or irrigation before spray deposit has dried may cause a reduction in grass control. Allow spray deposit to dry at least one hour before irrigation.
4. This product may be applied at no more than 18.0 fluid ounces (0.6 pints) per acre or 0.4 fluid ounces per 1,000 sq ft on Kentucky bluegrass seedlings that have tillered and have been emerged for at least one month. Temporary discoloration and stunting of bluegrass seedlings may occur at this timing. Seedlings will recover, however; and the final bluegrass stand will be improved due to reduced competition from the annual grass weeds. Annual grass weeds must be untilled at the time of application for optimal control. Do not reapply this product to previously treated seedling Kentucky bluegrass until adequate stand establishment has occurred. When utilizing this product at rates higher than 18.0 fluid ounces (0.6 pints) per acre or 0.4 fluid ounces per 1,000 sq ft on Kentucky bluegrass seedlings, seedlings must be at least three growing months old. DO NOT apply this product to seedling fine leaf fescue, tall fescue, or perennial ryegrass before 3-4 tiller stage (approximately 4 weeks).
5. Broadleaf herbicides such as 2,4-D may reduce the effectiveness of this product. Do not apply this product within 21 days following a 2,4-D application, or 5 days before a 2,4-D application.
6. This product may be applied to newly plugged Zoysiagrass. Fescues and ryegrass may be overseeded immediately following application of this product. All other turf species, wait 21 days to overseed.
7. DO NOT apply this product through any type of irrigation system.
8. DO NOT apply this product to sod within 4 weeks before cutting for transplanting or until completely rooted after transplanting.
9. Annual mature grass weeds that have 4 or more tillers may require repeat applications.

## CONTROL OF DENSE POPULATIONS OF FULLY TILLERED ANNUAL WEED GRASSES INFESTING TALL FESCUE, FINE FESCUE AND PERENNIAL RYEGRASS

This product may be used for the control of dense populations of fully tillered annual weed grasses infesting tall fescue, fine fescue and perennial ryegrass.

Do not apply more than 64 fluid ounces (4.0 pints) (2.0 quarts) per acre or 1.5 fluid ounces per 1,000 square feet of this product to tall fescue, fine fescue or perennial ryegrass per application.

Do not apply more than 240 fluid ounces (15 pints) (7.5 quarts) per acre or 5.5 fluid ounces per 1,000 square feet per year.



## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not store over 100°F or below 40°F. Do not store near oxidizing agents.

Store in original container in a cool, dry place, out of reach of children, preferable a locked storage cabinet. Protect product from freezing. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. 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.

**PESTICIDE DISPOSAL AND 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 if available 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, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, 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, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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**If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

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