

# Nutgrass Killer II

Selective Herbicide for Control of Yellow & Purple Nutsedge and Horsetail



ACTIVE INGREDIENT:  
Halosulfuron-methyl .....75%  
OTHER INGREDIENTS: .....25%  
TOTAL: .....100%

EPA Reg. No. 228-711-54705 EPA Est. No. 065387-AR-001

NET CONTENTS: 0.03 OUNCES (0.9 GRAMS) WSP

Distributed by:  
LAWN AND GARDEN PRODUCTS, INC.  
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## KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

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

**CAUTION:** Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt, long pants, and shoes plus socks.

### FIRST AID

IF IN EYES:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or physician for treatment advice.</li></ul>
IF SWALLOWED:	<ul style="list-style-type: none"><li>• Call poison control center or physician immediately for treatment advice.</li><li>• Remove visible particles from mouth.</li><li>• Have person rinse mouth thoroughly with water, spit out rinse water.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>

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 non-target vascular plants. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical 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. This product must be used in accordance with the Directions for Use on this label.

Keep children and pets out of treatment area until sprays have dried.

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

Read the entire label before using this product. Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are unacceptable, return at once unopened.

## Mixing Instructions

This product is a water dispersible granule designed to be diluted with water at the rates listed in the use direction. Fill the tank with approximately ½ of the desired volume with water. With the agitation operating, add the specified amount of the formulation as listed in the use directions. Complete the filling process while maintaining agitation. Add nonionic surfactant as the last ingredient in the tank. Allow time to fully disperse.

Since this product forms a suspension in water, it is important to maintain good agitation during mixing and spraying. If the spray suspension is allowed to settle for a short period of time, be sure to agitate the spray suspension for a minimum of 10 minutes. Apply spray solutions within 24 hours after mixing.

## Application Methods

Apply this product to produce uniform coverage on growing weeds or soil to achieve consistent weed control. Loss in effectiveness or lawn injury may result if weeds are under drought, stress, disease or insect damage.

Uniform, thorough spray coverage is important to achieve consistent weed control. Calibrate application equipment prior to application of this product. Application should be uniform and of sufficient volume to avoid streaking or skips. Avoid excessive overlap of the spray. It is important to thoroughly clean all application equipment immediately after use with a triple rinse procedure. It is recommended that the second rinse be made with a water solution that contains 1% vol/vol ammonium.

## Spray Drift Management

- Do not apply more than 0.12 ounces of this product (0.0057 lb. active ingredient) per 1,000 sq. ft. per use season.
- Increase in lawn injury may result if the seeding depth is too shallow and excessive amounts of water (greater than 1 inch) from rainfall or sprinkler irrigation occurs.
- Avoid spraying when conditions favor rainfall or using overhead sprinkler irrigation within 4 hours of this application.
- The maturity of the lawn may be delayed by use of this product.
- Use nozzles and pressures that minimize the production of fine particles that drift outside of the targeted area.
- Do not apply this product to drift outside of targeted area.
- Applications of this product may cause temporary yellowing or stunting of the lawn.
- When this product is applied over the top of a blooming lawn, bloom loss may occur under certain environmental conditions.

- Do not apply this product if the target weed or lawn is under severe stress due to drought, water-saturated soils, poor fertility (especially low nitrogen levels), hail, frost, insects or when the maximum daytime temperature is above 92°F. Under these conditions, applications may cause temporary lawn injury.
- Do not mow lawn for 2 days before or 2 days after application for best results.
- When transplanted into landscaped areas treated with this product, flowers, ornamentals, plants and shrubs may be injured.
- Avoid contact of the spray containing this product to desirable flowers, ornamentals, shrubs or trees as discoloration, severe foliar injury or death may result.
- Do not store unused diluted product in sprayer. Use up all product at time of application as directed on the label.
- Do not exceed the specified amount of spray additive due to the potential for lawn injury at higher rates.
- For this product in water soluble bags – Do not pierce or open water soluble bag.

### LAWNS and RESIDENTIAL LANDSCAPED AREAS

USE SITES	RATE	RESTRICTIONS
LAWNS (established lawns, ornamental lawns and residential lawns) and RESIDENTIAL LANDSCAPED AREAS with Established Woody Ornamentals	Use one (1) water soluble bag of this product per 1 to 2 gallons of water in a hand-held or backpack sprayer to treat 1,000 sq. ft. Add 2 teaspoons (1/3 fl. oz. by wt.) of a nonionic surfactant* per gallon of spray solution. Mix or shake thoroughly for at least two minutes to completely disperse this product. To ensure that this product remains thoroughly mixed while spraying, occasionally shake the spray suspension.	Do not make more than 4 applications per use season. Do not apply more than 0.12 oz. of this product (0.0057 lb. active ingredient) per 1,000 sq. ft. per use season. Do not apply this product through any type of irrigation system.

\*When using a nonionic surfactant, carefully follow the listed use instructions. Mix or shake thoroughly for at least two minutes to completely disperse this product.

### POST-EMERGENT WEED ACTIVITY TABLE BY WEED SPECIES

Common Name	Scientific Name	Control	Suppression	Comments
Green Kyllinga	<i>Kyllinga breviflora</i>	YES		For optimum Kyllinga control, two applications are recommended.
Annual Kyllinga	<i>Kyllinga sesquiflorus</i>	YES		For optimum Kyllinga control, two applications are recommended.
Nutsedge, Yellow	<i>Cyperus esculentus</i>	YES		Heavy infestation requires sequential applications.
Nutsedge, Purple	<i>Cyperus rotundus</i>	YES		Heavy infestation requires sequential applications.

Use this product on well established seeded, sodded or sprigged lawns for the post-emergent control of nutsedge, e.g. yellow and purple. The lawn needs to develop a good root system and uniform stand before application. If needed, overseed treated areas with annual or perennial ryegrass or bermudagrass 2 weeks after application.

### Application Directions

For post-emergence control of purple or yellow nutsedge, Kyllinga and broadleaf weeds spray the target weeds thoroughly and wet the entire leaf surface of the undesirable plants. For best results, spray nutsedge after it has reached the 3 to 8 leaf stage of growth.

This product often works with one application, but depending on the size and age of the nutsedge a second treatment may be required 6 to 10 weeks after the initial treatment.

**Sequential Treatments** – To maximize the control of nutsedge, a second post-emergent spot or broadcast spray is applied 6 to 10 weeks after the initial treatment to the areas where nutsedge has re-grown or emerged.

### Woody Ornamentals in Landscaped Areas

Use this product as a post-directed spray at the specified use rates around established woody ornamental plants in residential landscaped areas. Do not contact trees, roses, flowers, and shrubs as injury will occur. If applications are to be made to transplanted woody ornamentals, allow 3 months after transplanting before applying this product.

### Application Prior Planting of Lawns or Woody Ornamental Plants

This product may be used prior to the establishment of lawns or woody ornamental plants. Wait 4 weeks between application and seeding or sodding of lawns, or transplanting woody ornamentals.

### NON-LAWN RESIDENTIAL USE SITES FOR CONTROL OF HORSETAIL

USE SITES	RATE	RESTRICTIONS
RESIDENTIAL NON-LAWN AREAS: LANDSCAPED AREAS; ORNAMENTAL BEDS, EDGES OF LAWNS; RECREATION AREAS; ALONG DRIVEWAYS, FENCES, SIDEWALKS, PATIOS, RETAINING WALLS AND FOUNDATIONS	Use one (1) water soluble bag of this product per ½ gallon of water in a hand-held or backpack sprayer to treat 500 sq. ft. Add 1 teaspoon (1/6 fl. oz. by wt.) of a nonionic surfactant* per gallon of spray solution. Mix or shake thoroughly for at least two minutes to completely disperse this product. To ensure that this product remains thoroughly mixed while spraying, occasionally shake the spray suspension.	Do not make more than 2 applications per use season. Do not apply more than 0.12 oz. of this product (0.0057 lb. active ingredient) per 1,000 sq. ft. per use season. Do not apply this product through any type of irrigation system.

\*When using a nonionic surfactant, carefully follow the listed use instructions. Mix or shake thoroughly for at least two minutes to completely disperse this product.

### For Horsetail Control in the Following Residential Non-Lawn Areas: Landscaped Areas; Ornamental Beds; Edges of Lawns; Along Driveways, Fences, Sidewalks, Walkways, Patios, Retaining Walls, and Foundations:

Apply this product at specified rate as a post-emergence spray on specified use sites. When applied post-emergence, this product will suppress the following weeds: cocklebur, common sunflower, common ragweed, giant ragweed, pigweed, and velvetleaf. This product may be tank mixed with Glyphosate herbicide.

### Control of Horsetail (*Equisetum arvense*)

For post-emergence control of horsetail (*Equisetum arvense*) apply after horsetail has leafed out. This product will control horsetail that is less than 6 inches tall and suppress horsetail that is greater than 6 inches tall.

Herbicide symptoms are likely to show within 2 weeks as a necrotic ring at the base of the plant, even though the leaves and stems remain green and a deep leathery green in color.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a dry and secure location. Do not store at temperatures below 32°F (0°C). Rough handling may cause breakage, especially at low temperatures. Do not allow inner bag to become wet during storage. Do not handle inner bag with wet gloves.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely use water soluble bags in application equipment. Then offer for recycling if available, or dispose of empty foil pouch and cardboard box in a sanitary landfill, or by incineration, or by

burning, if allowed by state and local authorities. 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. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

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 product, and return it unopened to the Seller, and the purchase price will be refunded.

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