

PYRIMISULFAN GROUP 2 HERBICIDE



**Not for sale, distribution or use in Nassau or Suffolk Counties in New York State.**

**ACTIVE INGREDIENT:**

Pyrimisulfan ..... 0.025%

**OTHER INGREDIENTS:** ..... 99.975%

TOTAL 100.000%

**THIS PRODUCT CONTAINS:**

0.5 lb Pyrimisulfan per ton or 0.025% (0.00025 lb pyrimisulfan per pound).

# **KEEP OUT OF REACH OF CHILDREN CAUTION**



**READ THE ENTIRE LABEL FIRST.  
OBSERVE ALL PRECAUTIONS AND  
FOLLOW DIRECTIONS CAREFULLY.**

## **PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or on clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment information.	

**Personal Protective Equipment (PPE)**

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

- Long-sleeved shirt and long pants
- 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.

**Engineering Controls**

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 requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Removing 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.

**Environmental Hazards**

Do not apply to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

**Groundwater Advisory:** 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.

**Surface Water Advisory:** This product has a potential for reaching surface water via runoff after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of pyrimisulfan from runoff water. Runoff of this product will be reduced by avoiding applications when heavy rainfall or irrigation is expected to occur within 48 hours.

**Physical and Chemical Hazards**

Do not mix or allow to come into contact with an oxidizing agent. Hazardous chemical reaction may occur.

## **DIRECTIONS FOR USE**

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

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 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 12 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 water-proof material,
- shoes plus socks

**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.

**Reentry Statement:** Do not enter or allow people (or pets) to enter the treated area until dust has settled.

## **1. Product Description**

VEXIS® HERBICIDE GRANULAR is a selective herbicide for control of listed broadleaf weeds, sedges, kyllinga, and rush species commonly found in turfgrasses. It can be used on established warm-season turfgrasses (including improved varieties of St. Augustinegrass such as Bitterblue and Floratam) and cool-season turfgrasses (excluding bentgrass mowed under 1/2 inch). Fall applications provide control of winter weeds such as henbit, false dandelion and chickweed.

## **2. Resistance Management**

For resistance management, this product contains Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of this product or other Group 2 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.

- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or pest control advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers mechanical control methods, cultural (e.g., timing to favor the turf and not the weeds), biological (weed-competitive varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: 1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; 2) a spreading patch of non-controlled plants of a particular weed species; 3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or pest control advisor for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of turf and weed biotypes.
- For further information or to report suspected resistance, call 877-800-5556.

### 3. Weeds Controlled

VEXIS HERBICIDE GRANULAR will control the following weeds:

**Sedges, Kyllinga, and Rushes (including ALS resistant annual sedges):** Yellow Nutsedge, Purple Nutsedge, Annual Nutsedge, Green Kyllinga, False Green Kyllinga, Cockscorn Kyllinga, Annual Kyllinga, Path Rush.

**Broadleaf Weeds:** Buckhorn Plantain, Common Chickweed, Dollarweed (Pennywort), False Dandelion, Florida Betony, Ground Ivy (Creeping Charlie), Hairy Bittercress, Henbit, Lawn Burweed, Purple Deadnettle, Rough Fleabane, Virginia Buttonweed, Wild Garlic, Wild Onion.

### 4. Where To Use

This product provides weed control on the following sites.

- **Ornamental turfgrass sites:**
  - **Residential/turfgrass sites** including areas associated with household or home life including apartment complexes and condominiums.
  - **Ornamental turf sites** including turfgrass established around residences, parks, streets, retail outlets, cemeteries, industrial and institutional buildings, recreation areas, playgrounds, fairgrounds, and athletic fields.
  - **Institutional sites** including properties or facilities providing a service to public or private organizations including, hospitals, nursing homes, schools, museums, libraries, sport facilities, golf courses, and office buildings.
  - **Non-cropland sites:** including farmyards, fencerows or fence lines, highway rights-of-way (principal, interstate, county, private, and unpaved roads): Roadsides, roadside ditches, road shoulders, road embankments, dividers, and medians; Industrial sites: Lumberyards, tank farms, fuel or equipment storage areas; Municipal, state, and federal lands: Airports and military installations; railroad rights-of-way, railroad yards, railroad crossings and railroad bridge abutments; Utility rights-of-way: telephone, pipeline, electrical powerlines, and communication transmission lines.
  - **Agricultural site:** Commercial sod production

### Turfgrass Species Which May be Treated:

VEXIS HERBICIDE GRANULAR may be used on the following established turfgrass species:

- **Established Cool-Season Turfgrass:** Kentucky bluegrass, fine fescues, tall fescue, perennial ryegrass, bentgrass.
- **Established Warm-Season Turfgrass:** Bermudagrass (common or hybrid), bahiagrass, buffalograss, centipedegrass, kikuyugrass, seashore paspalum, St. Augustinegrass (including improved varieties such as Bitterblue and Floratam), zoysiagrass.

### Use Restrictions:

- Do not apply more than 8.26 lb of product per 1000 sq.ft. per year, the equivalent of 0.09 lb pyrimisulfan ai per acre.
- Do not apply more than 5.5 lb of product per 1000 sq.ft. per application, the equivalent of 0.06 lb pyrimisulfan ai per acre.
- Do not retreat within 30 days of initial application.
- Do not use on carpetgrass, dichondra, legumes, or turfgrass where desirable clovers are present.
- Do not apply to bentgrass mowed under 1/2 inch.
- Do not collect grass clippings from treated turfgrass for use as mulch around plants or in compost for 3 weeks after treatment. The applicator must notify in writing the appropriate residences/individuals of this restriction when this product is applied by a lawn service/commercial applicator.
- Do not apply directly to flowers, vegetables, groundcovers, gardens or landscape plantings including ornamental shrubs or trees.

### Use Precautions:

- Delay application of this product to grass seedlings until after the second mowing.
- Delay application of this product until 3 weeks after sodding, sprigging, or plugging operations.
- Delay sodding, sprigging, seeding or plugging operations until 3 weeks after application of this product.
- Delay application of this product on Centipedegrass and improved varieties of St. Augustinegrass until after the second mowing in the spring when the lawn is fully green and actively growing.

## 5. Application Directions

### How Much to Apply:

Apply 2 lb of product per 500 sq.ft. (174 lb of product per acre). Retreatment after 30 days is allowed but do not apply more than a total of 8.26 lb per 1000 sq.ft. per year (360 lb of product per acre per year).

### When to Apply:

- Apply when weeds are actively growing. Retreatment may be necessary when weed pressures are high, when soil moisture is low, or when weeds are not actively growing.
- To avoid injury to improved varieties of St. Augustinegrass or Centipedegrass, apply when night-time temperatures are above 50°F for 7 consecutive nights.

### Application Tips:

- Moisture on leaf surface is not required. Apply when weed leaves are wet or dry.
- Temperatures below 50°F will reduce weed control activity.
- For best results, water-in granules within 48 hours after treatment.
- For best results, postpone mowing until granules are watered-in.
- For best winter annual control (henbit, false dandelion, and chickweed) apply in early fall.

This 15 lb bag covers 3750 sq.ft.

Bag Size	Application Rate	Treated Area for This Bag Size
15 lb	2 lb/500 sq.ft.	3750 sq.ft.

### Calibration Instructions and Spreader Settings:

Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended rate under actual application conditions.

Spreader	Delivers 2 lb/ 500 sq.ft.
LESCO® Rotary calibration gauge setting #	15
Ortho® Drop (5000)	5
Ortho® Rotary (6000)	6

### Distribution and Spreader Patterns:

Always apply with a properly calibrated spreader designed for granular materials such as a rotary or drop type fertilizer spreader or a shaker applicator such as Vexis Herbicide Granular Shaker Can or Gordon's Spred-Rite® G Granule Spreader. For best results, apply this product evenly and uniformly avoiding streaking, skips, or overlaps.

1. For rotary spreaders, operate at intervals corresponding to the swath width. For drop spreaders, overlap the wheel tracks to ensure complete coverage.
2. First, spread the borders of your lawn and header strips for turning around. Then apply this product to the center with straight line passes.
3. Walk at a steady pace to ensure even coverage. Close the spreader opening when turning to change directions or when stopping.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration.

## LIMITED WARRANTY AND DISCLAIMER

**IMPORTANT:** Read this LIMITED WARRANTY AND DISCLAIMER before buying or using this product. By opening and using this product, buyer and all users agree to accept the terms of this LIMITED WARRANTY AND DISCLAIMER in their entirety and without exception. If the terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full.

It is impossible to eliminate all risks inherently associated with use of this product. Damage to the treated article, ineffectiveness, or other unintended consequences can result from use of the product under abnormal conditions such as weather, presence of other materials, or the manner or use of application, etc. Such factors and conditions are beyond the control of the manufacturer, and **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BY PURCHASING AND USING THIS PRODUCT THE BUYER AND ALL USERS OF THIS PRODUCT AGREE TO ACCEPT ALL SUCH RISKS.** To the extent consistent with applicable law, buyer and all users further agree to assume all risks of loss or damage from the use of the product in any manner that is not explicitly set forth in or that is inconsistent with label instructions, warnings and cautions.

The manufacturer warrants only that this product conforms to the chemical description given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use, subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED.**

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842/7-2024 AP020524  
EPA REG. NO. 2217-1024



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