



Professional Turf™ Products

Weed & Grass Preventer with 5% Treflan* Herbicide (Dispersible Granules)

A selective, preemergence herbicide for the control of certain annual grasses and broadleaf weeds in Landscape Ornamentals, Ground Covers, Established Flowers, Ornamental Bulbs, Non-bearing Fruit and Nut Trees and Non-bearing Vineyards

ACTIVE INGREDIENT:

trifluralin: alpha, alpha, alpha-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine	5.00%
OTHER INGREDIENTS:	95.00%
TOTAL:	100.00%

EPA Reg. No. 9198-129

EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A

Underlined letter is first letter used in run code on bag.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts, if present, after the first 5 minutes, then continue rinsing. 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 for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to be a 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 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.
Have a product container or label with you when calling a poison control center or doctor or going for treatment.	

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes

User Safety Requirements: Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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 extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. 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 in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying. Not for use on plants being grown for sale or commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.

STORAGE AND DISPOSAL

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

Storage: Store in original container only. In case of leak or spill, contain material and dispose of as waste. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Completely empty bag into application equipment. Then dispose of empty bag in sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

This product is a preemergence herbicide for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers, established flowers, ornamental bulbs,

non-bearing fruit and nut trees and non-bearing vineyards. Apply this product before or after planting but prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with weed population, potting media or soil conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional applications may be needed. Repeat applications should not be made sooner than 60 days after a previous application of this product. Do not apply over 240 pounds per acre total of this product within a 12 month period.

This product does not control established weeds. Existing weeds should be controlled by cultivation or with post-emergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation, is required to activate this product. Optimum weed control is obtained when this product is activated within 3 days of application. If rainfall or irrigation has not occurred within 3 days of application and tillage is possible, this product may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate this product within 3 days of application may result in erratic weed control. Do not apply when wind conditions favor drift of this product's granules from the target area.

Optimum weed control will be obtained when followed by overhead irrigation or rainfall within a few hours after surface application. Weeds controlled by this product when applied at 80 lbs./acre (1.8 lbs./1000 sq. ft.):

Annual Grasses:		
Barley, Hare	Fescue, Rattail	Sandbar, Field
Barnyardgrass (Watergrass)	Foxtail	Signalgrass
Bluegrass, Annual	Goosegrass	Spangletop, Mexican
Brome	Junglerice	Stick Grass
Cheat	Lovegrass	Witchgrass
Crabgrass	Oat, Wild	
Cupgrass, Southwestern	Panicum, Fall	
Annual Broadleaf Weeds:		
Chickweed, Common	Kochia	Pigweed
Goosefoot, Nettleleaf	Lambsquarters, Common	Purslane, Common
Knotweed, Prostrate	Nettle, Stinging	Thistle, Russian

In addition to the weeds controlled, the following weeds will be partially controlled or suppressed at 80 lbs./acre (1.8 lbs./1,000 sq ft.)

Carpetweed	Pulsey, Florida	Johnsongrass (from seed)
Shattercane	Panicum, Texas	

Landscape Ornamentals, Ground Covers, Established Flowers, Ornamental Bulbs, Non-bearing Fruit and Nut Trees and Non-bearing Vineyards:

This product is recommended as a preemergence treatment for control of certain annual grasses and broadleaf weeds in landscape ornamentals, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards. Apply this product before or after planting but prior to germination of target weeds, or immediately after cultivation.

Refer to the "General Information", "General Precautions and Restrictions" and "Application Directions" sections of this label for general use precautions and information on application, application rates and weeds controlled.

GENERAL PRECAUTIONS AND RESTRICTIONS

Entry Restrictions: Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

Application Restrictions: 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.

To avoid possible injury, do not apply this product to:

- cuttings that have been planted in post for the first time
- ground covers until they are established and well rooted

Do not apply this product to newly transplanted ornamentals, ground covers, flowers and non-bearing fruit and nut trees until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Do not make preplant applications of this product to areas where gladioli corns less than one inch in diameter will be planted or injury may occur.

Do not apply this product in greenhouses or other enclosed structures.

Repeat applications should not be made sooner than 60 days after a previous application of this product. Do not apply over 240 pounds per acre total of this product within a 12 month period.

Users who wish to use this product on plant species not recommended on this label may determine suitability for such uses by making trial application of this product at a recommended rate to small number of plants. Prior to using this product on a larger number of plants, the treated plants should be observed for signs of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious to the target plant species. **The user assumes responsibility for any plant damage or other liability resulting from the use of this product on plant species not recommended on this label.**

APPLICATION DIRECTIONS

Apply this product using a drop or rotary-type spreader designed to apply granular herbicides or insecticides.

Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or plant injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

APPLICATION TECHNIQUES FOR APPLYING THIS PRODUCT

When using a drop-type spreader, a splash board mounted under the hopper will provide more even granule distribution.

A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips and overlaps.

For treating smaller areas or rows of nursery stock or ornamental beds, a hand-held or push-type rotary applicator such as whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.

A shaker type applicator made from a small container with holes punched in the bottom is recommended for small, hard to treat areas. Carefully measure the amount of product needed to avoid over-application.

This product may be used on the following established plant species:

TREES:		
Balsam Fir	Flowering Dogwood	Scotch Pine
White Fir	Ficus	American Sycamore
Norway Maple	White Ash	Cottonwood
Red Maple	Tuliptree	Pin Oak
Silver Maple	Crabapple	Black Locust
Sugar Maple	Southern Magnolia	Willow
Paper Birch	Norway Spruce	Giant Sequoia
European White Birch	Glauca-Colorado	
Redbud	Blue Spruce	
Palm	White Pine	

ORNAMENTAL SHRUBS:

Copper Leaf	Japanese Boxwood	Forsythia
Dwarf Japanese Maple	Korean Boxwood	Gardenia
California Gold	Common Boxwood	Holly
Temple Fire	Spreading Euonymus	Juniper

GROUND COVERS:

Asparagus Fern	Blue Fescue	English Ivy
Coreopsis	Aaronsbeard	Periwinkle
Crown Vetch	St. Johnswort	

ESTABLISHED FLOWERS:

Yarrow	Marigold, Cape	Petunia
Alyssum	Gladiolus	Rose
Snapdragon	Impatiens	Marigold

ORNAMENTAL BULBS:

This product may be applied for control of susceptible annual weeds in ornamental bulbs, e.g. bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply this product to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. This product may also be applied following bulb emergence. For fall planted bulbs, apply this product again in late winter or early spring to weed-free soil surfaces.

NON-BEARING FRUIT AND NUT TREES AND NON-BEARING VINEYARDS:*

Kiwi	Orange	Plum
Lemon	Peach	Raspberry
Macadamia Nut	Pear	Walnut, Black

*Non-bearing fruit and nut trees and non-bearing vineyards are defined as plants which will not bear fruit for at least one year after treatment.

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER and LIMITATION of LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION OT STATE/JURISDICTION.

Manufactured by:
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Net Wt. 40 Lbs. (18.14 kg)

NOT FOR TURF USE



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