



Professional Turf™ Products



Professional Turf™ Products with 5% Treflan* Herbicide (Dispersible Granules)



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Weed & Grass Preventer with 5% Treflan* Herbicide (Dispersible Granules) Not For Turf Use

Net Wt. 40 Lbs. (18.14 kg)

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, a, a-trifluoro-2,6-dinitro-N,N-dimethyl-pyridine 5.00% OTHER INGREDIENTS 95.00% TOTAL 100.00%

EPA Reg. No. 3198-129 EPA Est. No. 9198-CH-1a, 9198-CH-2b, 9198-AL-01A 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: 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: Call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. If on skin or clothing: 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: 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.

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 clothes.

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 postemergence 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 5 days of application. If rainfall or irrigation has not occurred within 5 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 5 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, Bromusgrasses (Watergrass), Bluegrass, Annual, Brome, Cheat, Crabgrass, Cynodorus, Southwestern, Fescue, Baital, Ryegrass, St. Augustine, St. Augustine, Mexican, Wildgrass, Oat, Wild, Perennial, Fall

Annual Broadleaf Weeds: Chickweed, Common, Goosefoot, Nettleleaf, Knotweed, Prostrate, Kochia, Lambsquarters, Purslane, Common, Nettle, Stinging, Pigweed, Thistle, Russian

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.

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 pots 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 or irrigation or rainfall and no cracks are present or injury may occur. Do not make preplant applications of this product to areas where gladioli come 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 whirlbird 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

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

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

ORNAMENTAL SHRUBS: Copper Leaf Dwarf Japanese Maple, California Gold, European White Birch, Temple Fire Japanese, Korean, Euonymus, Forsythia, Common Snowing, Holly Juniper, Gardenia

GROUND COVERS: Asparagus Fern, Coreopsis, Crown Vetch, Blue Fescue, St. Johnswort, English Ivy, Parthenocle

ESTABLISHED FLOWERS: Yellow Alyssum, Snapdragon, Marigold, Rose, Petunia, Gladiolus, Impatiens, Mergold

ORNAMENTAL BULBS: This product may be applied for control of susceptible annual weeds in ornamental bulbs, e.g. bulbous iris, delphinium, 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: 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.

IMPORTANT: READ BEFORE USE: Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If items 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 the extent 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 TO STATE/JURISDICTION.

Manufactured by The Andersons, Inc. P.O. Box 181 Moline, OH 43537



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CLONDAKIN DIRECT PLASTICS logo and contact information

NOTE TO CUSTOMER - READ CAREFULLY. Includes color calibration chart and printing instructions.

Artwork Approval form with signature and date lines, and a color calibration chart.

Although every effort is made to produce the most accurate artwork possible, errors may occur. We do not assume any liabilities beyond the replacement of artwork. PLEASE CHECK CAREFULLY!



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