

TURFLON* Ester

SPECIALTY HERBICIDE

For the Control of Annual and Perennial Broadleaf Weeds
and Bermudagrass in Ornamental Turf

EPA Reg. No. 17545-8
EPA Est. No. 48498-CA-1

Active Ingredient:

Triclopyr: 3,5,6-trichloro-2-pyridinyl
oxyacetic acid, butoxyethyl ester 61.6%

Other Ingredients: 38.4%

Total: 100.0%

Triclopyr acid equivalent: 44.3% (4 lb/gal).

Contains petroleum distillates.

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION:

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.)

FIRST AID

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to physician: This product may pose an aspiration pneumonia hazard. Contains petroleum distillates.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes, skin or clothing during and after application.

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 E on an EPA chemical resistance category selections chart.

Applicators and other handlers must wear:

Long-sleeved shirt and long pants; Chemical-resistant gloves [such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton]; Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are given, 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.
- 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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. 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 (PPE), 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 workers 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 [such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton]; 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.

For applications to turf other than sod farms, do not allow entry into treated areas until sprays have dried unless coveralls, chemical resistant gloves, and shoes plus socks are worn.

GENERAL INFORMATION

(Read Carefully Before Using)

TURFLON Ester herbicide is recommended for the control of actively growing annual and perennial broadleaf weeds and kikuyugrass in perennial bluegrass, perennial ryegrass or tall fescue ornamental turf including these turfgrasses in sod farms and golf courses.

In Arizona: The state of Arizona has not approved this product for use on sod farms.

DO NOT apply this product through any type of irrigation system. DO NOT apply to ditches used to transport irrigation water. DO NOT apply where runoff or irrigation water may flow onto susceptible crops.

Local conditions may affect the use of herbicides. Consult your local specialist for advice in selecting treatments from this label to best fit local conditions.

TURFLON Ester may injure certain turfgrass species. DO NOT apply to bahiagrass, bentgrass, bermudagrass, centipedegrass, St. Augustinegrass or zoysiagrass, unless turf injury can be tolerated.

DO NOT apply to golf course greens.

DO NOT apply TURFLON Ester to exposed roots of shallow rooted trees and shrubs.

DO NOT apply TURFLON Ester herbicide directly to or otherwise permit it to come in contact with or permit spray mists containing TURFLON Ester to drift onto cotton, grapes, tobacco, vegetable crops, flowers, fruit or orchard trees, shrubs or other desirable broadleaf plants.

Avoid Injurious Spray Drift: Applications should be made only when there is little or no hazard from spray drift. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. DO NOT spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured. Spray drift can be reduced by spraying when wind velocity is low, keeping the spray boom as low as possible, using nozzles that deliver larger spray droplets, and by using higher volume sprays and lower pressures.

Broadleaf weeds controlled by TURFLON Ester include:

Black medic	Lespedeza
Bull thistle	Matchweed
Burdock	Mustard
Canada thistle	Oxalis
Chicory	Plantain
Clover	Ragweed
Creeping beggarweed	Smartweed
Curly dock	Sweet clover
Dandelion	Vetch
Field bindweed	Wild carrot
Goldenrod	(Queen Anne's lace)
Ground ivy	Wild lettuce
Kikuyugrass**	Wild violet
Lambsquarters	Yarrow

**See control of Kikuyugrass under "Application Directions".

APPLICATION DIRECTIONS

Foliar sprays should be applied during warm weather, from early spring through fall, when weeds are actively growing. Broadleaf weeds germinate at different times. Only emerged weeds present at the time of application will be controlled. Newly seeded turf should be mowed 2 or 3 times before being treated. When making applications to mature plants, hard to control species, or during drought conditions, use higher rates. Application under drought conditions may provide less than desirable results. Use low pressure sprays to minimize spray drift. DO NOT water for 24 hours after application.

Reseeding Precaution: DO NOT reseed for 3 weeks after application. This precaution does not apply when bermudagrass turf is overseeded with perennial ryegrass at a minimum reseeding rate of 400 lbs. per acre.

Mixing Instructions

When TURFLON Ester is mixed with water, it forms an emulsion (not a solution) and separation may occur unless the spray mixture is agitated continuously.

Add about one-half the required amount of clean water to the spray tank. Start agitation and add the recommended amount of TURFLON Ester. Provide moderate agitation while completing the addition of water and during application.

Conversion Table

1 oz. = 2 tbsp. 1 tbsp. = 3 tsp.

Tank Mixing

To improve the spectrum of activity, TURFLON Ester may be tank mixed at a rate of 1/2 to 1 pint per acre (1/4 to 1/2 fluid ounce in 2 gallons of water per 1,000 square feet) with recommended rates of low volatile amine or ester formulations of 2,4-D, MCPP or other labeled postemergence broadleaf herbicides. Refer to tank mix product labels for specific use directions, precautions and limitations before use.

Broadcast Treatment of Ornamental Turf

Apply 1/2 to 1 quart per acre (1/3 to 3/4 fluid ounce per 1,000 square feet) of TURFLON Ester in enough water to provide uniform coverage of the target area to control actively growing broadleaf weeds growing in perennial bluegrass, perennial ryegrass, or tall fescue. DO NOT use on other turfgrass species (see "General Information" above) unless injury can be tolerated. To minimize turf injury, do not treat if turf is under heat or drought stress and make repeat applications at least 4 weeks apart.

Spot Treatment of Ornamental Turf

Mix 3/8 to 3/4 fluid ounce of TURFLON Ester per 1,000 square feet in enough water to provide uniform coverage of the target area and apply at any time broadleaf weeds are susceptible. **Note:** DO NOT apply more than 2 quarts per acre (1.5 fluid ounces per 1,000 square feet) of TURFLON Ester in a single application.

Control of Kikuyugrass

Apply TURFLON Ester at a rate of 1/2 to 1 quart per acre (1/3 to 3/4 fluid ounce per 1,000 square feet) in enough water to provide uniform coverage of the target area. To improve activity, MSMA herbicide may be tank mixed with the 1/2 quart per acre (1/3 fluid ounce per 1,000 square feet) rate of TURFLON Ester. Three to four additional applications at 4 to 6 week intervals may be required to achieve control of kikuyugrass.

Suppression of Bermudagrass

Apply TURFLON Ester at the rate of 1 quart per acre (3/4 fluid ounce per 1,000 square feet) in enough water to provide uniform coverage of the target area. Three to four additional applications at 4 week intervals will be required to give adequate suppression of bermudagrass and allow fescue or other desired turfgrass species to dominate.

To improve suppression and control of bermudagrass, 1 quart per acre (3/4 fluid ounce per 1,000 square feet) of TURFLON Ester may be tank mixed with a post-emergence grass herbicide registered for this use pattern. Three to four additional applications of this tank mix at 4 week intervals should be made to achieve control. Reseeding following application will accelerate the transition to cool season turf (see "Reseeding Precaution" above).

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store above 28°F or agitate before use.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate water that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures.

CONTAINER DISPOSAL: Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state or local ACRC recycler, visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

CONDITIONS OF SALE AND WARRANTY

Monterey Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. Monterey Chemical Company neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Plant injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and plant conditions, presence of other materials, or other influencing factors, all of which are beyond the control of Monterey Chemical Company and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.

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Manufactured for:



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