

# Turflon® Ester

## Specialty Herbicide

**Controls Annual and  
Perennial Broadleaf Weeds  
& Bermudagrass in Ornamental Turf**



**Active Ingredient:**

Triclopyr: [(3,5,6-trichloro-2-pyridinyl)  
oxy]acetic acid, butoxyethyl ester ..... 60.45%  
Other Ingredients:..... 39.55%  
Total: ..... 100.00%

Triclopyr acid equivalent: 43.46% (4 lb/gal).

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EPA Reg. No. 17545-8-54705

EPA Est. No. 48498-CA-1

**Net Contents:** ½ Pint (8 Fl Oz.) and 1 Pint

Manufactured For:

**LAWN AND GARDEN PRODUCTS, INC.**  
P. O. Box 35000 • Fresno, CA 93745 • (559) 499-2100  
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### KEEP OUT OF REACH OF CHILDREN CAUTION

#### FIRST AID

**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 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 eye. Call a poison control center or doctor for treatment advice.

**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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may call the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt, long pants, shoes, socks, and gloves when mixing and applying this product.

Do not allow people or pets to enter the treated areas until sprays have dried. Do not apply this product in a way that will contact any person or pet, either directly or through drift.

#### User Safety Recommendations

Users should:

- Wash hands before eating, drinking chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove clothing 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

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 system.

#### 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.

#### PRODUCT INFORMATION

(Read Carefully Before Using)

Use TURFLON ESTER specialty herbicide for the control of actively growing annual and perennial broadleaf weeds, Bermudagrass and kikuyugrass in perennial bluegrass, perennial ryegrass or tall fescue ornamental turfgrass.

#### Use Restrictions and Precautions

Do not apply TURFLON ESTER directly to, or otherwise permit it to come into direct contact with cotton, grapes, peanuts, soybeans, tobacco, vegetable crops, flowers, citrus, fruit or orchard trees, shrubs or other desirable broadleaf plants. Do not permit spray mists containing TURFLON ESTER to drift onto such plants.

To minimize turfgrass injury, do not treat if turfgrass is under heat or drought stress. Reapply TURFLON ESTER at 4-week intervals.

Mow newly seeded turfgrass 2 or 3 times before treating. Do not water for 24 hours after application. Do not reseed for 3 weeks after application. (This precaution does not apply when Bermudagrass turfgrass is overseeded with perennial ryegrass at a minimum reseed rate of 9.2 lbs. per 1,000 sq. ft.)

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.

- Do not apply to ditches currently being used to transport irrigation water.
- Do not apply where runoff or irrigation water may flow onto susceptible plantings as injury may result.
- Do not use on other turfgrass species such as bahiagrass, bentgrass, Bermudagrass, centipedegrass, St. Augustinegrass, or zoysiagrass unless turfgrass injury can be tolerated.
- Do not allow grazing to any area treated with TURFLON ESTER.
- Do not apply TURFLON ESTER to exposed roots of shallow rooted trees and shrubs.
- Do not apply more than 5.87 fl. oz. TURFLON ESTER per 1,000 sq. ft. per year.
- Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order of Injunctive Relief in Washington Toxics Coalition et. al. v. EPA, C01-0132C (W.D. WA). For more information, please refer to <http://www.epa.gov/espp/litstatus/wtc/>.

TURFLON ESTER is formulated as a low volatile ESTER. However, the combination of spray contact with impervious surfaces, such as roads and rocks, and increasing ambient air temperatures, may result in an increase in the volatility potential for this herbicide, increasing a risk for off-target injury to sensitive crops such as grapes and tomatoes.

**Avoid Injurious Spray Drift:** Make applications 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 that are near enough to be injured. Spray drift can be reduced by keeping the spray as low as possible, by using high volume sprays and lower pressures, by using nozzles that deliver larger spray droplets, and by spraying when wind velocity is low.

**Broadleaf weeds controlled:**

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

\*\*See control of Kikuyugrass under "Application Instructions".

**APPLICATION DIRECTIONS**

Apply foliage sprays 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. When making applications to mature plants, hard to control species, and for applications made during drought conditions, use higher rates of TURFLON ESTER. Applications made under drought conditions may provide less than desirable results.

**Mixing Instructions**

Add about one-half the required amount of clean water to the spray tank. Add specified amount of TURFLON ESTER and continue filling the sprayer. For best results, the spray mixture should be well mixed and often. When TURFLON ESTER is mixed with water it forms an emulsion, not a solution; separation may occur unless the spray mixture is agitated continuously.

**Tank Mixing**

To improve the spectrum of activity, TURFLON ESTER may be tank mixed at a rate of 1/4 to 1/3 fl. oz. in 2 gallons of water per 1,000 square feet with recommended rates of low volatile amine formulations of 2,4-D, MCPP or other labeled postemergence broadleaf herbicides provided the tank mix product is registered for use on ornamental turfgrass (perennial bluegrass, perennial ryegrass, or tall fescue ornamental turfgrass). Refer to the product labels of tank mix products and follow all appropriate use directions, precautions, and limitations.

Do not apply this product through any type of irrigation system.

**Control of Kikuyugrass**

Apply TURFLON ESTER at a rate of 1/3 to 3/4 fl. oz. per 1,000 sq. ft. in enough water to provide uniform coverage of the target area. Three to four additional applications at 4 to 6 week intervals may be required to achieve control of kikuyugrass.

**Control of Bermudagrass**

Apply TURFLON ESTER at the rate of 3/4 fl. oz. per 1,000 sq. ft. in enough water to provide uniform coverage of the target area. Three to four additional applications at 4 week intervals are required for adequate suppression of bermudagrass and allow fescue or other desired turfgrass species to dominate.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in original container only. Keep in a cool, dry place inaccessible to children or animals, preferably in a locked storage area.

**Pesticide Disposal and Container Handling:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**CONDITIONS OF SALE AND WARRANTY**

Lawn and Garden Products, Inc. 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. Lawn and Garden Products, Inc. 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 must 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 Lawn and Garden Products, Inc. and Seller. To the extent consistent with applicable law, 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. To the extent consistent with applicable law, neither Lawn and Garden Products, Inc. or the Seller shall 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 Lawn and Garden Products, Inc. and is accepted as such by the Buyer.

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**Conversion Table**

1 ounce = 2 tablespoons
1 tablespoon = 3 teaspoons

**Broadcast Treatment of Ornamental Turfgrass**

Apply 1/3 to 3/4 fl. oz. per 1,000 sq. ft. 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 "Product Information" above) unless injury can be tolerated.

**Spot Treatment of Ornamental Turfgrass**

Any time broadleaf weeds are susceptible, apply TURFLON ESTER at a rate of 3/8 to 3/4 fl. oz. per 1,000 sq. ft. in enough water to provide uniform coverage of the target area. NOTE: DO NOT apply more than 1.5 fl. oz. per 1,000 sq. ft. of TURFLON ESTER in a single application.