

# Specimen Label



# Turflon\* Ester

## Specialty Herbicide

\*Trademark of Dow AgroSciences LLC

**For the control of annual and perennial broadleaf weeds and kikuyugrass in ornamental turf.**

### Active Ingredient:

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, butoxyethyl ester ..... 61.6%

Inert Ingredients ..... 38.4%

Total ..... 100.0%

Contains petroleum distillates

Acid equivalent:

triclopyr - 44.3% - 4 lb/gal

EPA Reg. No. 62719-258

**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.)

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**Harmful If Swallowed, Inhaled, Or Absorbed Through The Skin**

**Avoid contact with eyes, skin, or clothing. Avoid breathing mists or vapors. Avoid contamination of food.**

#### 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, 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 immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### 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 swallowed:** Call 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 the 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.

#### 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 disposing of equipment washwaters.

#### Physical or Chemical Hazards

**Do not use or store near heat or open flame.**

**Notice:** Read the entire label. Use only according to label directions. **Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" elsewhere on this label.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at [www.dowagro.com](http://www.dowagro.com).

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

#### 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 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 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.

**Entry Restrictions for Non-WPS Uses:** 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.

### Storage and Disposal

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

**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). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures. Plastic containers may also be disposed of by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**General:** Consult federal, state, or local disposal authorities for approved alternative procedures.

### General Information

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.

### General Use Precautions (Read Carefully Before Using)

**In Arizona:** The state of Arizona has not approved Turflon Ester for use on sod farms.

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. Augustine grass, or zoysiagrass, unless turf injury can be tolerated.**

**Do not apply Turflon Ester 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.**

**Do not apply Turflon Ester to exposed roots of shallow rooted trees and shrubs.**

**Do not apply to golf course greens.**

**For spot treatments, do not apply more than 2 quarts of Turflon Ester per acre in a single application.**

**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.

Do not apply to ditches used to transport irrigation water. Do not apply where runoff or irrigation water may flow onto susceptible crops.

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

### 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 Annes lace)
ground ivy	wild lettuce
kikuyugrass †	wild violet
lambsquarters	yarrow

† See control of kikuyugrass under "Application Directions".

## 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.

## 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 lb per acre.)

### Broadcast Treatment of Ornamental Turf

Apply 1/2 to 1 quart per acre 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 Use Precautions") 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.

**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 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.

### Spot Treatment of Ornamental Turf

Mix 3/8 to 3/4 ounces of Turflon Ester per 1000 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 or 1.5 ounces per 1000 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. To improve activity, MSMA herbicide may be tank mixed with the 1/2 quart per acre 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. 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 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).

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## Warranty Disclaimer

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Dow AgroSciences 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, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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## Inherent Risks of Use

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

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## Limitation of Remedies

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The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

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**Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.**

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### Revisions:

1. Revised First Aid statements.
2. Added "Non-agricultural Use Requirements" box for non-WPS uses.
3. Added clarifying text for describing use sites.
4. Added application prohibition for golf course greens.
5. Modified the 3 week reseeding restriction to exclude the practice of overseeding bermudagrass turf with perennial ryegrass.