Turflon® Ester Ultra

Specialty Herbicide
For the control of annual and perennial broadleaf weeds and kikuyugrass in ornamental turf.
Active Ingredient:
triclopyr: 3,5,6-trichloro-2-pyridinyl oxyacetic acid, butoxyethyl ester ........................................... 60.45%
Other Ingredients .................................................................................................................. 39.55%
Total ..................................................................................................................................... 100.00%
Acid Equivalent: triclopyr – 43.46% - 4 lb/gal

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.)

For additional Precautionary Statements, First Aid, Storage and Disposal and other use information, see inside this label.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

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.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.
EPA Reg. No. 62719-566
EPA Est. 464-MA1-1; 11773-IA-001
Superscripts correspond to places 7 & 8 of lot number: 900-015311/00323100

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under “Agricultural Use Requirements” in the Directions for Use section for information about this standard.

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Net Contents 2.5 gal
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 gloves and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

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.

WPS Uses: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) – for this product, sod farm uses — must wear:
• Long-sleeved shirt and long pants
• Chemical-resistant gloves (≥14 mils) such as barrier laminate, nitrile rubber, neoprene rubber, or viton
• Shoes plus socks

Non-WPS Uses: Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) – for this product, non-sod farm uses — must wear:
• Long-sleeved shirt and long pants
• Chemical-resistant gloves
• Shoes plus socks

Follow the 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.

Environmental Hazards
This pesticide is toxic to fish. Do not apply directly to water, 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.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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
The requirements in this box apply to sod farm uses.

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.

Agricultural Use Requirements

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 also contact 1-800-992-5994 for emergency medical treatment information.
Agricultural Use Requirements (Cont.)
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 (≥14 mils) such as barrier laminate, nitrile rubber, neoprene rubber, or viton
- Shoes plus socks

Non-Agricultural Use Requirements
The requirements in this box apply to all use sites on this label except for sod farm uses.
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 or turf grown for seed, do not allow entry into areas until sprays have dried.

Storage and Disposal
Do not contaminate water, food, or feed by storage and disposal. Open dumping is prohibited.

Pesticide Storage: Store above 28°F or agitate before use.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

General Use Precautions and Restrictions
In Arizona: The state of Arizona has not approved Turflon Ester Ultra for use on sod farms.

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

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

To minimize turf injury, do not treat if turf is under heat or drought stress. Reapply Turflon Ester Ultra at 4-week intervals.

Mow newly seeded turf 2 or 3 times before treating. Do not water for 24 hours after application. Do not seed 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.)

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 agricultural land as injury to crops may result.
- Do not use on other turfgrass species, such as bahiagrass, bentgrass, Bermudagrass, centipedegrass, St. Augustinegrass, or zoysiagrass unless injury can be tolerated.
- Do not allow grazing to any area treated with Turflon Ester Ultra.
- Do not apply Turflon Ester Ultra 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 Ultra per acre or 1.5 fl oz per 1000 sq ft in a single application.

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 vs EPA C01-132C (W.D. WA). For information, please refer to www.epa.gov/espp/wto/.

Turflon Ester Ultra 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.

Avoiding 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 boom as low as possible; by using higher volume sprays and lower pressures; using nozzles that deliver larger spray droplets; and by spraying when wind velocity is low.

General Information
Use Turflon® Ester Ultra specialty herbicide 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.
Broadleaf Weeds Controlled
by Turflon Ester Ultra
black medic    curly dock    matchweed    vetch
bull thistle  dandelion    mustard    wild carrot
burdock   field bindweed   oxalis    (Queen
Canada thistle  goldenrod    plantain    ragweed
chicory   ground ivy     smartweed    wild lettuce
creeping  kikuyugrass    lambquarters    sweet clover
beggarweed  lespedeza    yarrow
1See control of kikuyugrass under Application Instructions.

Mixing Instructions
Add about one-half of the required amount of clean water to
the spray tank. Add Turflon Ester Ultra and complete addition
of water with agitation running. Mix thoroughly and continue
moderate agitation while spraying. When Turflon Ester Ultra 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
Ultra 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 provided the tank mix product is registered for use on
ornamental turf (perennial bluegrass, perennial ryegrass, or tall
fescue ornamental turf including these turfgrasses in sod farms
and golf courses). Refer to the product labels of tank mix
products and follow all appropriate use directions, precautions,
and limitations.

Application Instructions
Broadcast Treatment of Ornamental Turf
Apply foliage sprays during warm weather, early spring through
fall, when weeds are actively growing. Apply 1/2 to 1 quart of
Turflon Ester Ultra per acre in enough water to control broadleaf
weeds actively growing in perennial bluegrass, perennial ryegrass,
or tall fescue. Only emerged weeds present at the time of
application will be controlled. Apply using equipment that
assures uniform coverage of the target area. When treating
mature plants or hard to control species, and for applications
made during drought conditions, use the higher rates of Turflon
Ester Ultra. Applications made under drought conditions may
provide less than desirable results.

Spot Treatment of Ornamental Turf
Mix 1/2 to 3/4 fl oz of Turflon Ester Ultra per 1000 sq ft in enough
water to provide uniform coverage of the target area. Apply at
any time broadleaf weeds are susceptible.

Control of Kikuyugrass
Apply Turflon Ester Ultra 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 Ultra. Three to 4 additional
applications at 4- to 6-week intervals may be required to achieve
control of kikuyugrass.

Control of Bermudagrass
Apply Turflon Ester Ultra at the rate of 1 quart per acre. Three
to 4 additional applications at 4-week intervals are required for
adequate suppression of Bermudagrass and allow fescue or
other desired turfgrass species to dominate. To improve
suppression and control of Bermudagrass, tank mix 1 quart
of Turflon Ester Ultra per acre with a postemergence grass
herbicide registered for this use pattern. Three to 4 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.

Suppression of Bermudagrass When Overseeding with
Perennial Ryegrass in the States of Arizona, California,
Nevada, New Mexico, and Utah
Regulation of Bermudagrass growth by applying Turflon Ester Ultra
is characterized by slowing and/or stopping of growth. Some
browning of the Bermudagrass may also occur. Hybrid varieties
of Bermudagrass are more susceptible to growth regulation than
common Bermudagrass and the effects may be more pronounced.
The degree of growth regulation and browning is rate-related.
Test the growth regulation effect of Turflon Ester Ultra on small
areas until the user is comfortable with the results in his particular
turf management system. A rate can then be chosen that will
provide the desired level of response. The length of the growth
regulation effect is also rate-related with the higher rates providing
a longer period of suppression. The overseeded ryegrass will
not be affected by this treatment. Do not apply to golf course
putting greens.

Apply 4 to 8 fl oz of Turflon Ester Ultra per acre to hybrid
Bermudagrass and 6 to 10 fl oz of Turflon Ester Ultra per
acre to common Bermudagrass.

Prior to overseeding: Apply to fairways from 2 weeks period
to overseeding to just before overseeding. For best results,
apply Turflon Ester Ultra prior to any aggressive verticutting,
scalding, or other seedbed preparation practices to ensure
that adequate leaf surface of Bermudagrass is available
for update of Turflon Ester Ultra. A single application of
Turflon Ester Ultra prior to overseeding usually provides
about 30 days of Bermudagrass growth suppression.

After overseeding: If temperatures are sufficient to support
active growth of Bermudagrass, additional applications of
Turflon Ester Ultra can be made to extend the plant growth
regulation effect. If additional applications are required, make
them after the overseeded ryegrass is established, approximately
3 weeks after seeding. Allow a minimum of 4 weeks between
applications.

Terms and Conditions of Use
If terms of the following Warranty Disclaimer, Inherent Risks
of Use, and Limitation of Remedies are not acceptable, return
unopened package at once to the seller for a full refund of
purchase price paid. Otherwise, use by the buyer or any
other user constitutes acceptance of the terms under Warranty
Disclaimer, Inherent Risks of Use and Limitation of Remedies.
Warranty Disclaimer

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. To the extent permitted by law, all such risks shall be assumed by the buyer.

Inherent Risks of Use

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.

Limitation of Remedies

To the extent permitted by law, 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, Inherent Risks of Use 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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EPA accepted 10/03/06
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Specialty Herbicide

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

Active Ingredient:
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Other Ingredients: 39.55%
Total: 100.00%

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