

228-316

6-23-2003

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RIVERDALE®

TURFLON™ II (Logo)AMINE

For the control of annual and perennial broadleaf weeds in ornamental turf and Sod farms. To be applied only under the direct supervision of commercial applicators responsible for turf weed control program.

ACCEPTED JUN 23 2003 Under the Federal Insecticide Fungicide and Rodenticide Act provided for the pesticide registered under EPA Reg. No. 228-316

Active Ingredients:

2,4-dichlorophenoxyacetic acid, dimethylamine salt*	34.2%
Triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid** as the triethylamine salt	15.2%
Inert Ingredients:	50.6%
TOTAL	100.0%

Isomer specific AOAC Method, Equivalent to:

*2,4-dichlorophenoxyacetic acid	28.4%, 2.78 lb/gal.
**Triclopyr acid	10.9%, 1.07 lb/gal.

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

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.)

Refer to inside of label booklet for precautionary information, First Aid and Directions for Use including STORAGE AND DISPOSAL.

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

In case of an emergency endangering life or property involving this product, call collect 517/636-4400.

Riverdale is a Registered Trademark of Riverdale - A Nufarm Company Turflon is a Trademark of Dow AgroSciences, LLC

EPA Reg. No. 228-316

Net Contents gal.

EPA Est. No. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS, INC., BURR RIDGE, ILLINOIS 60527-0866

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
Danger

Corrosive. Causes irreversible eye damage. Harmful if swallowed or inhaled. Do not get in eyes, on skin, or on clothing.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear. **For containers of over 1 gallon, but less than 5 gallons:** Mixers and loaders who do not use a mechanical system (such as probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to other required PPE.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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. After each day of use, clothing or PPE must not be reused until it has been cleaned.

Engineering Controls Statements: For containers of 5 gallons or more: A mechanical system (such as probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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 PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID STATEMENT

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

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 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.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 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 further treatment advice.

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NOTE TO**PHYSICIAN:** Probable mucosal damage may contraindicate use of gastric lavage.**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. 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 disposing of equipment washwaters.

Mixing and Loading: Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

PHYSICAL OR CHEMICAL HAZARDS

Do not cut or weld container.

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 48 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, waterproof gloves, shoes plus socks and protective eyewear.

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. **Restricted Entry Interval:** For use on residential and other turf sites (excluding sod farms), do not allow people (other than applicator) or pets on treatment area during application. Do not enter into treated areas until sprays have dried or dust has settled.

GENERAL INFORMATION

Turflon II Amine herbicide is for use on ornamental turf such as lawns, golf courses (fairways, aprons, tees, and roughs), parks, highways, cemeteries, and similar non-crop areas; and sod farms.

GENERAL USE PRECAUTIONS

Be sure that use of this product conforms to all applicable regulations.

Restrictions on Retreatment: Do not apply more than 2 broadcast applications per year per treatment site.

Do not apply Turflon II Amine directly to, or otherwise permit it to come into direct contact with, cotton, grapes, tobacco, vegetable crops, flowers, fruit or ornamental trees, or other desirable broadleaf plants and do not permit spray mists containing it to drift onto them. Very small amounts of spray drift may injure susceptible plants, including ornamental trees or shrubs.

Do not use for manufacturing or formulating.

Do not apply to exposed roots of shallow rooted trees or shrubs.

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

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

Avoid Injurious Spray Drift. Applications should be made only when hazards from spray drift are at a minimum. 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.

With ground broadcast equipment, drift can be reduced by keeping the spray boom as low as possible; by applying no less than 20 gallons of spray per acre; by using no more than 20 pounds spraying pressure with flat fan or flooding flat fan nozzle tips; and by spraying when wind velocity is low.

In handgun applications drift can be reduced by using low pressure Teejet flat fan, Raindrop or other drift controlling nozzles. Standard flat fan nozzles may also be used at no more than 20 psi. At this pressure the spray pattern may be narrower.

WEEDS CONTROLLED AND APPLICATION RATES

Weeds Controlled		Rate/Acre	Rate/1000 sq. ft.
black medic	henbit	2-1/2 pints	1 fl. oz. or 2 tbs.
carpet weed	hop clover		
catnip	knawel		
chamise	lambsquarters		
chickweeds	lespedeza		
chicory	little starwort		
cinquefoil	mallow		
clovers	matchweed		
cocklebur	plantain		
coffeeweed	purslane		
cornflower	speedwell		
creeping beggarweed	smartweed		
dandelion	sowthistle		
dayflower	spiderwort		
docks	spotted catsear		
dwarf beggarweed	spurweed		
field bindweed	vetch		
goldenrod	yarrow		

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Weeds Controlled		Rate/Acre	Rate/1000 sq. ft.
burdock buttercup mustard	poison ivy poison oak wild carrot	3 to 3-1/2 pints	1.3 fl. oz. or 2-1/2 tbs.
cornspeedwell ground ivy oxalis (stricta and corniculata)	parsley-piert prostrate spurge wild violet	3 pints (2 applications, 4 to 6 weeks apart)	1.3 fl. oz. or 2-1/2 tbs. (2 applications, 4 to 6 weeks apart)

Preparing the Spray

Add about one-half the desired amount of clean water to spray tank. Add Turflon II Amine and complete addition of water with agitation running. Mix thoroughly and continue moderate agitation while spraying.

Approved Uses**Turf****Broadcast Treatment of Ornamental Turf and Sod Farms**

Apply 1 to 2 quarts of Turflon II Amine in enough water to make 20 to 200 gallons total spray per acre to control broadleaf weeds growing in perennial bluegrass, tall fescue, or perennial ryegrass. **Do not** use on other grass species, such as bentgrass or St. Augustinegrass, unless injury can be tolerated. Apply from early spring through fall when weeds are actively growing. Broadleaf weed species germinate at different times. Only emerged weeds present at time of application are controlled. Additional applications should be made four weeks apart to minimize grass injury. Newly seeded turf should be mowed two or three times before being treated. Do not water for 24 hours after application. Do not reseed for 3 weeks after application.

Spot Treatment of Ornamental Turf and Sod Farms Using Portable Sprayers

Mix 1 to 2 fluid ounces of Turflon II Amine in enough water to make 3 gallons of spray (1 to 2 quarts per 100 gallons of spray) and apply at any time broadleaf weeds are susceptible by wetting foliage of undesirable plants to point of runoff.

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 wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Plastic Container Disposal: **Do not reuse container.** Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or incineration, or if allowed by local authorities, by burning. If burned, stay out of smoke. Consult federal, state, or local disposal authorities for approved alternative procedures.

Metal Container Disposal: **Do not reuse container.** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. Consult federal, state, or local disposal authorities for approved alternative procedures.

WARRANTY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer and the limit of liability of any such use. The exclusive remedy of user or buyer and the limit of liability of Nufarm is the purchase price paid for the quantity of product involved. (RV 030703)