

7969-267

8/12/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

*Replacement letter dated 8/4/09*  
AUG 12 2009 to letter

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Rebecca L. Johnston  
Senior Global Regulatory Affairs Manager  
BASF  
26 Davis Drive  
Research Triangle Park, NC 27709-3528

Dear Ms. Johnston:

Subject: Review of Basic Confidential Statement of Formula (CSF)  
and Acute Toxicology Review  
Onetime Herbicide  
EPA Registration No. 7969-267  
Submission Dated: August 12, 2009

1. The labeling referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide act, as amended is acceptable.
2. The Basic CSF (dated 03/18/09) referred to above, submitted in connection with the application under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.
3. The Agency has reviewed the acute toxicity data. The primary eye irritation study has been classified as acceptable in Toxicity Category II and the signal word may be changed to Warning.

Submit 1 (one) copy of your final printed labeling before you release the product for shipment. A stamped copy of the label is enclosed for your records.

Sincerely,  
  
Jim Tompkins  
Product Manager (25)  
Herbicide Branch  
Registration Division (7505P)

2011

Group 4 Herbicide

# Onetime™

H E R B I C I D E

**Active Ingredients:**

quinclorac: 3,7-dichloro-8-quinolinecarboxylic acid	15.95%
mecoprop: (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid	7.98%
dicamba (3,6-dichloro-o-anisic acid)	2.13%
<b>Other Ingredients:</b>	<u>73.94%</u>
<b>Total:</b>	100.00%

**Equivalent to:**

- 1.50 lbs quinclorac: 3,7-dichloro-8-quinolinecarboxylic acid equivalent per gallon
- 0.75 lb (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon
- 0.20 lb 3,6-dichloro-o-anisic acid equivalent per gallon
- Isomer-specific by AOAC Methods
- Contains the single isomer form of mecoprop-p

EPA Reg. No. 7969-267

EPA Est. No.

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated:  
AUG 12 2009

**KEEP OUT OF REACH OF CHILDREN  
WARNING/AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

7969-267

**In case of an emergency endangering life or property involving this product, call day or night, 1-800-832-HELP (4357).**

**Net Contents:**

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<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>
<p><b>Note to Physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	
<b>HOTLINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).</p>	

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**WARNING.** Causes substantial but temporary eye injury. **DO NOT** get in eyes or on clothing. Wear protective eye-wear such as goggles. Harmful if swallowed.

#### Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. For more options, refer to **Category A** on an EPA chemical-resistance category selection chart.

##### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as butyl rubber ≥ 14 mils, or natural rubber ≥ 14 mils, or neoprene rubber ≥ 14 mils, or nitrile rubber ≥ 14 mils
- Shoes plus socks
- Protective eyewear

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

### Engineering Controls Statement

When handlers use closed systems or enclosed cabs 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.

### Environmental Hazards

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

This pesticide may adversely affect nontarget plants.

Keep out of lakes, ponds and streams. **DO NOT** apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark.

**DO NOT** contaminate water by cleaning of equipment or disposal of rinsate.

### Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with this labeling.

All applicable directions, restrictions and precautions are to be followed. This labeling must be in the possession of the user at time of application.

**DO NOT** apply this product by air or through any type of irrigation equipment. BASF Corporation does not recommend or authorize the use of this product in manufacturing, processing or preparing custom blends with other products for application to turf.

**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 specified 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, and water, is:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made of any waterproof material (such as nitrile, butyl, neoprene, and/or barrier laminate)
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

**NONAGRICULTURAL 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, nurseries, or greenhouses.

Professional applications to residential and nonresidential turf are not within the scope of the Worker Protection Standard.

- **DO NOT enter or allow others to enter the treated area until sprays have dried.**

**STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food, or feed by storage or disposal.

**Pesticide Storage**

**DO NOT** store box under dampness or high humidity. Store product in original container only.

**Pesticide Disposal**

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

**Container Disposal**

**Nonrefillable Container. DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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.

**Triple rinse containers too large to shake (capacity > 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or 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.

## In Case of Emergency

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

### Steps to be taken in case material is released or spilled:

- Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal.
- Remove contaminated clothing, and wash affected skin areas with soap and water.
- Wash clothing before reuse.
- Keep the spill out of all sewers and open bodies of water.

## General Information

**Onetime™ herbicide may be applied postemergence to residential and nonresidential turfgrasses** (refer to **Table 1**) for the control of many broadleaf and grass weeds. Examples of such sites include, but are not limited to:

- Grounds or lawns around residential and commercial establishments
- Multifamily dwellings
- Military and other institutions
- Parks
- Airports
- Roadsides
- Schools
- Picnic grounds
- Athletic fields
- Houses of worship
- Cemeteries
- Golf courses

## Mode of Action

**Onetime** is an auxin agonist and is absorbed by foliage and roots and translocated throughout the plant. The control symptoms exhibited by broadleaf weeds include leaf and stem curl or twisting, and chlorosis. Susceptible grasses demonstrate stunting, chlorosis, and gradual reddening followed by necrosis and death. Refer to **Table 1**, **Table 2**, and **Table 3** for turfgrass tolerance and susceptible weed species.

## Resistance Management

**Onetime** has a low probability of selecting for resistant weed biotypes. However, repeated applications of a single mode of action in a weed management plan increase the probability of selecting for naturally occurring biotypes with less susceptibility to herbicides using that mode of action.

Therefore, weed management programs should include rotations using herbicides with different modes of action.

## Application Information

Apply **Onetime** to actively growing weeds as postemergence broadcast or spot sprays using the turf species, rate, and growth stages indicated in **Table 1**, **Table 2**, and **Table 3**. **DO NOT** exceed the labeled application rate or fail to comply with use restrictions listed in **General Restrictions and Limitations**.

For best results, weeds should not be under stress from lack of water, excessive water, low fertility, mowing shock, excessive hot or cold temperatures, or injury from other herbicide applications.

To achieve consistent weed control, use methylated seed oil. Refer to **Table 2** and **Table 3** for rates.

Adding adjuvants may cause slight leaf burn, but new growth is normal, and turf vigor is not reduced. The potential for leaf burn is increased when relative humidity and temperature are high. Additional stress from low mowing heights may also increase the possibility of turf injury. Chelated iron or sprayable soluble nitrogen fertilizer will reduce a slight yellowing that may occur on some turfgrass species. Not all chelated iron or sprayable nitrogen fertilizers are compatible with **Onetime**. Always perform a compatibility test to ensure proper mixing. See **Compatibility Test for Mix Components** section of label for directions.

## Spot Applications

Postemergence spot applications of **Onetime** may be made to susceptible weeds in tolerant turfgrass (see **Table 1** and **Table 2**). Apply 1.45 ozs of **Onetime** per 1000 square feet of treated area. Spray coverage should be uniform and complete. See **Table 4** for spot spray mix instructions.

## Mowing Information

**DO NOT** mow 2 days before or after applying **Onetime** to maximize weed control and minimize potential turf injury. **Clippings from the first three mowings after application should be left on the treated area.**

## Irrigation and Rainfall

If soil moisture is not sufficient prior to **Onetime** application, irrigation may improve weed control. For best results, **DO NOT** water or irrigate for 24 hours after application. If rainfall does not occur in 2 to 7 days after application, irrigation of at least 1/2 inch is desirable.

## Extended Grass Control

To extend grass control, **Onetime** can be tank mixed with **Pendulum® herbicide** or **PRE-M® herbicide** to provide residual control of annual grasses. Consult the respective tank mix labels for additional weeds controlled.

## Seeding/Overseeding/Sprigging

### New Seedings

Applications of **Onetime™ herbicide** to newly seeded turf identified as highly or moderately tolerant (see **Table 1**) should be delayed until 28 days after emergence.

Turf species listed as highly or moderately tolerant (see **Table 1**) can be seeded into the treated areas at 21 to 28 days after the application of **Onetime**.

### Newly established sprigged or plugged areas

Applications of **Onetime** to turf species listed as highly or moderately tolerant (see **Table 1**) should be delayed until 21 to 28 days after initial establishment.

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## Addition of Adjuvants

### Additives in Spray Mix to Achieve Control

Methylated seed oil (MSO) is the preferred adjuvant for postemergence applications. However, if an MSO is not available in your region, the use of a crop oil concentrate (COC) or other high quality surfactant must be used in the spray tank at the time of application. Refer to actual product label for use rates and general use directions.

Additives should not be used when tank mixing with emulsifiable concentrate (EC) products because turf phytotoxicity may occur.

The methylated seed oil or crop oil concentrate used as the adjuvant with **Onetime** must meet all the following criteria:

- Nonphytotoxic
- Contain only EPA-exempt ingredients
- Provide good mixing quality in the jar test
- Successful in local experience

The exact composition of suitable products will vary; however, any methylated seed oil or crop oil concentrate used should contain emulsifiers to provide good mixing quality.

When an adjuvant (or a specific adjuvant product, such as a drift control agent) is to be used with this product, the use of a Chemical Producers and Distributors Association (CPDA) certified adjuvant is recommended.

Consult your local BASF representative or distributor for instructions for your area.

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## Mixing Instructions

1. **Water** - Begin by agitating a thoroughly clean sprayer tank 3/4 full of clean water.
2. **Agitation** - Maintain constant agitation throughout mixing and application.
3. **Inductor** - If an inductor is used, rinse it thoroughly after each component has been added.
4. **Products in PVA bags** - Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.

5. **Water-dispersible products** (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions)
6. **Water-soluble products** (such as **Onetime**)
7. **Emulsifiable concentrates** (such as methylated seed oil)
8. **Water-soluble additives** (such as chelated iron or soluble nitrogen fertilizer when applicable; not all chelated iron or sprayable nitrogen fertilizers are compatible with **Onetime**. Always perform a compatibility test to ensure proper mixing. See **Compatibility Test for Mix Components** section of label for directions.)
9. **Remaining quantity of water**

Maintain constant agitation during application.

### Backpack Sprayer

Begin with a clean spray tank. Fill the spray tank 1/2 full with clean water and add the required amount of **Onetime** to the sprayer. Cap sprayer and agitate to ensure mixing. Uncap sprayer and add appropriate amount of methylated seed oil. Cap sprayer and agitate once again. Uncap sprayer and finish filling tank to desired level. During application, periodically agitate the mixture to ensure mixing. If the mixture is allowed to settle for any period of time, thorough agitation is essential before spraying is resumed.

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## Spraying Instructions

Apply with properly calibrated ground equipment in sufficient water per acre to provide uniform spray distribution (at least 20 gallons of water per acre or at least 0.5 gallon per 1000 sq ft). Use low pressure sprayers at 20 to 40 psi. Maintain continuous agitation during spraying with good mechanical or bypass agitation. Nozzle screens must be no finer than 50 mesh (100 mesh is finer than 50 mesh). Check sprayer routinely to determine proper calibration. Flat fan, flood or cone nozzles may be used. Nozzles should be arranged to obtain uniform coverage for turf and weeds to be controlled. Boom height, nozzle selection, and pressure should be adjusted to provide uniform coverage and minimize spray drift.

Avoid overlaps that will increase rates above those labeled for use. Avoid application when winds may cause drift.

### Spray Drift Management

A variety of factors including weather conditions (e.g. wind direction, wind speed, temperature, relative humidity) and method of application (e.g. groundboom sprayer) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

### Droplet Size

Use only medium or coarser spray nozzles according to ASAE (S572) definition of standard nozzles.

### Wind Speed

**DO NOT** apply at wind speed greater than 10 mph.

## Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if:

- Conditions of temperature inversion exist
- Stable atmospheric conditions exist at or below nozzle height

**DO NOT** make applications into areas of temperature inversion or stable atmospheric conditions.

## Additional Requirements for Groundboom Application

**DO NOT** apply with a nozzle height greater than 4 feet above the target site.

## Cleaning Spray Equipment

Clean application equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying this product.

## Compatibility Test for Mix Components

Add components in the following sequence using 2 teaspoons for each pound or 1 teaspoon for each pint of labeled rate per acre.

1. **Water** - For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly. Use only water from the intended source at the source temperature.
2. **Products in PVA bags** - Cut an opening in the water-soluble PVA bag just large enough to use a teaspoon for measuring purposes. Use the opened, water-soluble PVA bag first when preparing spray solution. Boron-containing fertilizers can be incompatible with PVA material. Include PVA material if a boron fertilizer is intended to be used. Cap the jar and invert 10 cycles.
3. **Water-dispersible products** (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions) - Cap the jar and invert 10 cycles.
4. **Water-soluble products (Onetime™ herbicide)** - Cap the jar and invert 10 cycles.
5. **Emulsifiable concentrates** (methylated seed oil) - Cap the jar and invert 10 cycles.
6. **Water-soluble additives** - Cap the jar and invert 10 cycles.
7. **Let the solution stand for 15 minutes.**
8. **Evaluate** the solution for uniformity and stability. The spray solution should not have free oil on the surface or thick (clabbered) texture. For water-dispersible granule (WG) or wettable powder (WP) products, a fine precipitate that is easily resuspended is normal; large, nondispersible particles (> 300 microns) that precipitate on standing are a sign of tank mix incompatibility. **DO NOT** use any spray solution that could clog spray nozzles.

## General Restrictions and Limitations

- **DO NOT** apply more than 128 ozs of **Onetime** per acre (or 2.9 ozs per 1000 sq ft) in one year (1.5 lbs quinclorac ae, 0.75 lb mecoprop ae, and 0.20 lb dicamba ae per acre per year).
- **DO NOT** apply more than 2 applications per year.
- **DO NOT** make repeat applications in less than 30-day intervals.
- **DO NOT** apply to golf course collars or greens.
- **DO NOT** apply to turfgrass grown for sod.
- **DO NOT** make applications of **Onetime** to drought-stressed turfgrass and/or drought-stressed weeds.
- **DO NOT** apply to fine fescue unless it is part of a seed blend.
- **DO NOT** apply to Bahiagrass, carpetgrass, St. Augustinegrass, centipedegrass, dichondra, or lawns or turf where desirable clovers are present.
- **DO NOT** apply to exposed feeder roots of trees or ornamentals. **DO NOT** apply within the drip line of trees and other ornamental species.
- **DO NOT** apply into any ornamental bed.
- **DO NOT use clippings as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.**
- **DO NOT** plant eggplants or tobacco within 12 months to areas treated with **Onetime**.
- **DO NOT** plant tomatoes or carrots within 24 months to areas treated with **Onetime**.
- Apply when wind speed is less than 10 mph because drift may cause damage or death of nontarget area vegetation. **DO NOT** apply when conditions favor drift from target area.
- Use a lawn-type sprayer with coarse spray because wind drift is less likely.
- Avoid mist and spray onto vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants, **especially plants belonging to the Solanaceae family, such as tomatoes, eggplants, and bell peppers.**
- **DO NOT** discard rinsate on or near desirable plants.
- **DO NOT** apply through any type of irrigation system.
- **DO NOT** use to formulate or reformulate any other pesticide product that is not registered by EPA.

## Turfgrass Tank Mixes

Read and follow the applicable restrictions and limitations and directions for use on all products involved in tank mixing.

The most restrictive label applies to any tank mix. To increase spectrum of control of broadleaf weed species, a tank mix with 2,4-D, triclopyr, or other broadleaf herbicide may be used. For extended residual control, apply **Onetime™ herbicide** with **Pendulum® herbicide** or **PRE-M® herbicide**.

For sedge control, applications of **Onetime** with **Basagran® T/O herbicide**, **Image® 70 DG herbicide**, **Lescogran® herbicide**, or MSMA may be made. Combinations with MSMA will aid in control of certain grassy weeds, such as Bahiagrass or kikuyugrass. Consult labels for turfgrass tolerance when tank mixing. Separate applications should be made if all target weeds are not at the correct growth stage for treatment at the same time.

Physical incompatibility, reduced weed control, or turf injury may result from mixing **Onetime** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers.

Before tank mixing, a simple jar test is required to ensure compatibility of herbicides or other pesticides and/or additives. Refer to manufacturer's labels for specific use directions, precautions, and limitations before tank mixing with **Onetime**, and follow those that are most restrictive.

**Table 1. Turf Tolerance (Established)**

Highly Tolerant	Moderately Tolerant	Susceptible
Bermudagrass, common <sup>1</sup> Bluegrass, annual Bluegrass, Kentucky Buffalograss Fescue, tall Ryegrass, annual Ryegrass, perennial Zoysiagrass	Bentgrass, creeping <sup>1</sup> Bermudagrass, hybrid <sup>1</sup> Bluegrass, rough ( <i>Poa trivialis</i> ) Fescue, Chewing's Fescue, fine <sup>2</sup> Fescue, hard Fescue, red Paspalum, seashore	Bahiagrass Bentgrass, colonial Bentgrass, seaside Centipedegrass Dichondra St. Augustinegrass
<sup>1</sup> Yellowing that occurs on these species can be reduced by the addition of chelated iron or sprayable soluble nitrogen fertilizer (see <b>Application Information</b> and <b>Addition of Adjuvants</b> ). <sup>2</sup> Apply <b>Onetime</b> to fine fescue only when it is part of a blend. <b>DO NOT use on golf course greens and collars.</b>		

**Table 2. Application of Onetime to Established Creeping Bentgrass**

Turfgrass Species	Application Rate/Timing	Additive Rate
Bentgrass, creeping <sup>1</sup>	<b>Onetime</b> must be applied in 2 split applications at 0.5 to 1.0 oz per 1000 sq ft (not to exceed 128 ozs of product per acre [2.9 ozs of product per 1000 sq ft] per year). A repeat application may be made 30 days after the initial application.	Use methylated seed oil at 0.55 oz per 1000 sq ft (1.5 pints per acre).
<sup>1</sup> Yellowing that occurs on these species can be reduced by the addition of chelated iron or sprayable soluble nitrogen fertilizer (see <b>Application Information</b> and <b>Addition of Adjuvants</b> ). <b>DO NOT use on golf course greens and collars.</b>		



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**Table 3. Application Rates and Timing for Postemergence Weed Control in Turf**

Weed Species		Onetime™ herbicide Rate	Additive Rate
<b>Grasses Controlled</b>		<b>Broadcast Applications</b>	Apply 1.5 pints per acre (0.55 oz per 1000 sq ft) methylated seed oil.
Barnyardgrass	Foxtail, yellow <sup>1</sup>	64 ozs of product per acre or 1.45 ozs per 1000 sq ft	
Crabgrass, large <sup>1,4</sup>	Junglerice	<b>Spot Applications</b> Apply 1.45 ozs of <b>Onetime</b> per 1000 sq ft of treated area. Refer to footnotes in <b>Table 2</b> and <b>Table 3</b> for specific turfgrass or weed instructions.	
Crabgrass, smooth <sup>1,4</sup>	Kikuyugrass <sup>2,3</sup>		
Foxtail, giant <sup>1</sup>	Signalgrass, broadleaf <sup>1</sup>		
Foxtail, green <sup>1</sup>	Torpedograss <sup>3</sup>		
<b>Broadleaf Weeds Controlled</b>			
Bedstraw	Ivy, ground		
Betony, Florida	Kochia		
Bindweed, field	Knotweed, prostrate		
Burweed, lawn	Lambsquarters, common		
Buttercup, creeping	Lespedeza, common		
Buttonweed, Virginia <sup>2</sup>	Mallow, common		
Carpetweed	Medic, black		
Carrot, wild	Moneywort		
Chickweed, common	Morningglory spp.		
Chickweed, mouseear	Mugwort		
Chicory	Mustard, wild		
Cinquefoil	Onion, wild <sup>2</sup>		
Clover, hop	Parsley-piert		
Clover, red	Pennycress, field		
Clover, white	Pennywort, lawn		
Cudweed	Pepperweed, field		
Daisy, English <sup>2</sup>	Pigweed		
Daisy, oxeye <sup>2</sup>	Plantain, broadleaf		
Dandelion, common	Plantain, buckhorn		
Dandelion, false	Puncturevine		
Deadnettle	Shepherd's-purse		
Dichondra	Sorrel, red		
Dock, broadleaf	Sowthistle, annual		
Dock, curly	Speedwell		
Filaree	Spurge, prostrate		
Garlic, wild <sup>2</sup>	Strawberry, wild		
Geranium, Carolina <sup>2</sup>	Thistle, bull		
Hawkweed <sup>2</sup>	Thistle, Canada		
Healall	Violet, wild <sup>2</sup>		
Henbit	Woodsorrel, yellow		
Horseweed	Yarrow, common		

<sup>1</sup> Under certain conditions, application of **Onetime** made to annual grasses at 2 to 4 tillers may not provide complete control. A sequential application with **Drive® XLR8 herbicide** will be required for grass control in these situations. **DO NOT** exceed 1.5 lbs quinclorac active ingredient per acre per year. See **Drive XLR8** label. Optimum control is achieved when applications of **Onetime** + methylated seed oil are applied either before second tiller or as weed grasses mature.

<sup>2</sup> Tank mix partner or sequential application at 30 days after initial treatment may be required for control.

<sup>3</sup> **Additional sequential** applications with **Drive XLR8** are required for best control. **DO NOT** exceed 1.5 lbs quinclorac active ingredient per acre per year. See **Drive XLR8** label.

<sup>4</sup> Biotypes of large and smooth crabgrass in California have shown varied response to **Onetime**. If control failure occurs following a full or split application, **DO NOT** reapply **Onetime**. Change to a herbicide with a different mode of action.

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**Table 4. Spot Spraying with Onetime™ herbicide**

<b>Spray Mix Volume</b> (gallons)*	<b>Onetime in Mix</b> (tablespoons)	<b>MSO Adjuvant in Mix</b> (tablespoons)
1	3	1.5
2	6	3.0
3	9	4.5

\* Apply at the rate of 1 gallon per 1000 sq ft.  
1 tablespoon = 0.5 oz of **Onetime** product.

**NOTE:** For consistent results, make **Onetime** application to newly germinated crabgrass, to 1-tiller crabgrass, and when crabgrass has matured to 5 tillers or greater.

Under certain conditions, applications of **Onetime** made to annual grasses at 2 to 4 tillers may not provide complete control. A sequential application with **Drive® XLR8 herbicide** will be required for grass control in these situations.

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### Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

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BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709



The Chemical Company