

Onetime[®] Herbicide

 **BASF**
The Chemical Company

A New Herbicide for the Control of Broadleaves and Grasses in Turfgrass.

Onetime[®] herbicide is an effective postemergence herbicide that can provide control of numerous troublesome weeds found in non-residential and residential turf including crabgrass, foxtail, torpedograss, wild violet, dollarweed and ground ivy (see partial weed list below). **Onetime** combines the latest **Drive[®] XLR8 herbicide** technology with MCP-P and dicamba to deliver unsurpassed control of more than 70 weeds. **Drive XLR8** provides faster entry into the plant, increased rainfastness, and more effective and consistent control of grassy and broadleaf weeds. It is an excellent postemergent grass product that is effective on numerous broadleaf weeds, providing additive control to MCP-P and dicamba, resulting in excellent broadleaf activity.

- Excellent broad-spectrum (grasses/broadleaves) performance including crabgrass and troublesome broadleaf weeds.
- Fast-acting/rapid absorption.
- Does not contain 2,4-D.
- Soluble liquid formulation – overall excellent mixing, handling and spray characteristics.
- Can be used in both cool- and warm-season grasses.
- Potential to be used at reduced rates for broadleaf weed control.

Weeds Controlled

Onetime controls more than 70 weeds, including:

- | | |
|-----------------------------|--------------------------|
| • Barnyardgrass | • Speedwell |
| • Crabgrass | • Spurge |
| • Dollarweed
(Pennywort) | • Torpedograss |
| • English Daisy | • Virginia
Buttonweed |
| • Foxtail | • Wild Garlic/Onion |
| • Ground Ivy | • Wild Violet |
| • Kikuyugrass | • And More |
| • Oxalis
(Woodsorrel) | |



Use Sites: Golf courses, athletic fields, residential and commercial lawns, parks, playgrounds, cemeteries, school grounds, roadsides, airports, picnic grounds, military and other institutions

Formulation: 2.45 lb. a.e./gal. SL (soluble liquid)

Packaging: 1 gallon container (4 x 1 gal. case)

Active Ingredient: Quinclorac: 1.5 lbs./gal.; MCP-P: .75 lb./gal.; Dicamba: .20 lb./gal.

Chemical Family: Dicamba: benzoic acid; MCP-P: phenoxy; Quinclorac: quinolinecarboxylic acid

Mode of Action: Dicamba: mimics plant hormones; MCP-P: auxin growth regulator; Quinclorac: auxin-like in broadleaf plants and affects cellulose biosynthesis in grasses

Behavior in Plant: Dicamba: Absorbed and translocated from both leaves and roots with major accumulation in apical meristems; MCP-P: absorbed by leaves and moves downward in plants; Quinclorac: absorbed by roots, shoots and foliage and translocated throughout the plant.

Control Symptoms: Dicamba: causes epinasty, destruction of conductive tissues and ultimately necrosis; MCP-P: bending and twisting of leaves and stems causing the plant to collapse and die; Quinclorac: in broadleaf weeds, leaf and stem curl or twisting and chlorosis, while grasses demonstrate stunting, chlorosis and gradual reddening followed by necrosis and death.

Use Rates: 0.5 to 1.45 oz./1,000 sq. ft. (21 to 64 oz./A); use the lower rates for weed control in bentgrass.

Preferred Adjuvant: Methylated seed oil at 24 oz./A (1.5 pts.)

Signal Word: WARNING

REI: 48 hours for agricultural workers; non-agricultural workers must wait until sprays have dried

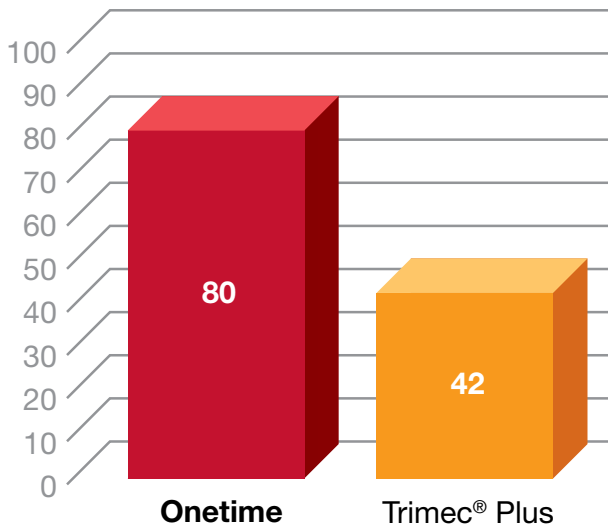
PPE: Long-sleeved shirt and pants; chemical-resistant gloves; shoes plus socks; protective eyewear

Onetime[®]
HERBICIDE

Keys to Success

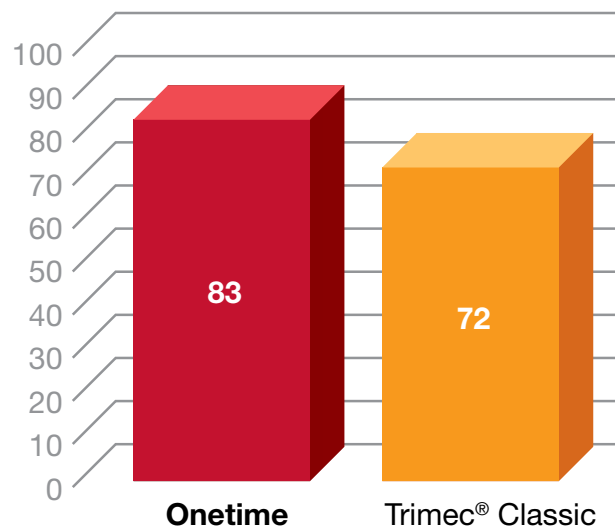
Onetime can be applied to almost all turfgrasses (not labeled for putting greens or collars — refer to label for more information). Do not water for 24 hours. Avoid extreme temperatures (apply when temperatures are between 50° F and 80° F). A sequential application may be required for complete control. **Onetime** can be tank-mixed with a number of other commonly used products. Perform a jar test to determine compatibility. For extended grass activity, **Onetime** can be tank mixed with **Pendulum®** herbicide to enhance residual control.

Crabgrass Control



Summary of data from eight locations in 2005. Applications made at each location from 2-3 leaf to tillered growth stage.

Broadleaf Weed Control



Summary of data from 11 trials in 2007. 11 different broadleaf weeds were evaluated for control.



Golf courses



Residential lawns



Cemeteries

Always read and follow label directions.

Drive, Onetime and Pendulum are registered trademarks of BASF.

Trimec is a registered trademark of PBI/Gordon Corporation.

©2009 BASF Corporation. All rights reserved. APN 08-14-002-0063

Onetime[®]
HERBICIDE