



ONE SHOT™

ACTIVE INGREDIENTS:	
2,4-D	0.64%
Mecoprop-p.....	0.14%
Dicamba.....	0.06%
Dithiopyr.....	0.19%
OTHER INGREDIENTS:	98.97%
TOTAL	100.00%
THIS PRODUCT CONTAINS	
12.8 lb 2,4-dichlorophenoxyacetic acid equivalent per ton.	
2.8 lb (+)-R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per ton.	
1.2 lb 3,6-dichloro-o-anisic acid equivalent per ton.	
3.8 lb dithiopyr per ton.	
Isomer Specific by AOAC Methods	
EPA REG. NO. 2217-856-7001	EPA EST. NO. 41124-OH-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW

DIRECTIONS CAREFULLY.

Notice: Read the entire label. Use only according to label directions. Before using this product, read the Warranty Section elsewhere on this label. If terms are not acceptable, return the unopened container at once.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All loaders, applicators, and other handlers must wear:

- long-sleeved shirt and long pants
- shoes plus socks
- waterproof gloves

USER SAFETY REQUIREMENTS

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. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Users should 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

IF IN EYES:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> 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 INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

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

For additional information in case of emergency, call toll free 1-877-800-5556.

ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

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. Application around a cistern or well may result in contamination of drinking water or groundwater.

DIRECTIONS FOR USE

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

16-6-8 GUARANTEED ANALYSIS

TOTAL NITROGEN (N).....	16.00%
16.00% Ammoniacal Nitrogen	
AVAILABLE PHOSPHATE(P ₂ O ₅).....	6.00%
SOLUBLE POTASH (K ₂ O).....	8.00%
Sulfur (S).....	16.00%
16.00% Combined Sulfur	
Iron (Fe).....	2.00%
0.04% Water Soluble Iron	
Derived from ammonium sulfate, monoammonium phosphate, muriate of potash and iron sucrate.	

STATE RESTRICTIONS

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-jr.com>

This product contains the micronutrient iron. Iron may stain concrete and should not be applied on dry or water dampened concrete and should be removed from these areas promptly after applications by sweeping or blowing. Do not wash off with water.

USE RESTRICTIONS

- Do not enter or allow people (or pets) to enter the treated area until dusts have settled.
- 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.
- If incorporation is accomplished by watering-in, do not enter or allow entry to the treated areas (except those involved in watering) until the watering-in is complete and the surface is dry.
- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Do not use this product on flowers, vegetables, groundcovers, gardens or landscape plantings with shrubs and trees. Do not exceed specified dosage for any area.
- Do not reseed, overseed or sprig treated areas for 8 weeks after application.
- Do not use clippings from treated areas for composting and/or mulching vegetables or fruit trees.
- Do not contaminate domestic or irrigation waters.
- Do not use this product on or near desirable plants, including within the drip line of the roots of desirable trees and shrubs, since injury may result.

PRODUCT INFORMATION

BEST® ONE SHOT™ provides broad-spectrum control of listed broadleaf weeds and annual grasses in established cool season or warm season turfgrasses. This product is effective in controlling over 200 established broadleaf weeds, such as dandelion, thistle and clover. This product provides preemergent control of annual grass weeds including crabgrass, goosegrass and barnyardgrass when applied before the emergence of crabgrass from the soil in established lawns.

Also, this product can provide late preemergent or early post emergent control of crabgrass only. This early post emergent control is limited, and the crabgrass control can be obtained only when this product is applied before the tillering stage of crabgrass. Post emergent crabgrass control will be obtained only when this product is applied before the first tiller stage of crabgrass.

The benefit of this product's early post emergent activity is that the user may have a longer period of 2 to 4 weeks to make applications to control crabgrass.

RESISTANCE MANAGEMENT

For resistance management, this product contains Group 3 and Group 4 herbicides. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 or Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of this product or other Group 3 or Group 4 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or pest control advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers mechanical control methods, cultural (e.g., timing to favor the turf and not the weeds), biological (weed-competitive varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: 1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; 2) a spreading patch of non-controlled plants of a particular weed species; 3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.

MINI 16-6-8

with Trimec® & Dimension®

DITHIOPYR	GROUP	3	HERBICIDE
MECOPROP-P 2,4-D DICAMBA	GROUP	4	HERBICIDE

- Contact your local extension specialist or pest control advisor for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of turf and weed biotypes.
- For further information or to report suspected resistance, call 877-800-5556.

RESEEDING, OVERSEEDING, OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas within eight weeks after a single application of this product, or four months after the last application of a split application program totaling more than 1.25 lb dithiopyr per acre, may inhibit the establishment of desirable turfgrasses.

Overseeding bermudagrass with perennial ryegrass may be made eight weeks after an application of this product. For best results for annual grass control, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product.

When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed-to-soil contact.

PREEMERGENT AND EARLY POSTEMERGENT CONTROL OF CRABGRASS (DITHIOPYR COMPONENT)

This product provides preemergent control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass in established lawns and ornamental turf.

This product can also provide early postemergent control of crabgrass only during the early stages of growth. Early postemergent crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you first easily see the crabgrass plants in the lawn or turf.

POSTEMERGENT CONTROL OF BROADLEAF WEEDS (2,4-D, MCPP-p and dicamba components)

This product provides postemergent control of more than 200 established broadleaf weeds as listed. 2,4-D, MCPP-p and dicamba are common names for three herbicide components formulated and marketed as Trimec® Herbicide. These herbicides are absorbed through the leaves and translocated to the roots. For adequate weed control, this product must come into contact with the leaves of broadleaf weeds.

- Mow lawn to normal height 1 to 2 days before application.
- Water lawn thoroughly at least 1 day before application to sustain moisture until next watering.
- Apply when weeds are young and actively growing, preferably in the morning when dew is on the grass. If grass is not moist at time of application, sprinkle lightly with water to hold the material on the broadleaf weeds.

BEST® ONE SHOT™ is recommended for use on the following established turf species:

Established Cool Season Turfgrasses - Kentucky bluegrass, perennial ryegrass, fine fescues (red, chewings, and hard) and tall fescue, creeping bentgrass.

Established Warm Season Turfgrasses - Bahiagrass, bermudagrass, buffalograss, centipedegrass, zoysiagrass, St. Augustinegrass.

- Do not use this product on colonial bentgrass, dichondra, carpetgrass, or turfgrass when desirable clovers are present.

- Do not use this product on 'Floratam' St. Augustinegrass.

The use of this product on certain varieties of fine fescues may result in undesirable turfgrass injury. Use of this product may result in undesirable injury on certain cultivars of fine fescues and not all cultivars have been tested. The following cultivars of fine fescues have demonstrated sensitivity to this product: 'Atlanta', 'Banner', 'Beauty', 'Biljart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf' and 'Waldina'.

- Do not use this product on golf course putting greens.

USE PRECAUTIONS

- This product may be used on seeded, sodded or sprigged lawns that are well established. The grass should have developed good root system and have received three (3) mowings following its seeding, sodding, or sprigging before it can receive the first application of this product.

- The use of BEST® ONE SHOT™ on lawns and ornamental turfgrasses that are not well established, or have been weakened by stress due to mechanical operations, chemical injury, disease, insects, pests, excessive temperatures, or lack of moisture may increase the chances for turfgrass injury. Allow turfgrass weakened by these stresses to recover before application of this product.

Tips for improved control:

- For broadleaf weed control: Do not irrigate the lawn for one day (24 hours) after application. Rainfall or irrigation (greater than 1/2 inch) at 2 to 7 days after application may optimize the weed control.

Weeds Controlled

When applied as directed, BEST® ONE SHOT™ will control and/or suppress* the following weeds:

Grassy Weeds			
Annual Bluegrass* (Poa annua)	Crabgrass (large, smooth, and Southern)	Foxtail (green and yellow)	Kikuyugrass* (seedling)
Annual Ryegrass	Crowfootgrass	Goosegrass*	Smutgrass (seedling)

Broadleaf Weeds

Annual yellow sweetclover	Clover, white	Musk thistle	Speedwell
Aster	Cockle	Mustard	Spiny amaranth
Austrian fieldcress	Cocklebur	Narrowleaf plantain	Spiny cocklebur

Use rate restrictions:

- New York State:** In New York State, dithiopyr is a restricted use product listed according to the Environmental Conservation Law, Section 326.2. This provision limits this product for use by commercial pesticide applicators only at no more than 6 lb of product per 1,000 sq ft per year (0.5 lb of dithiopyr per acre per year), and is prohibited from use in Nassau and Suffolk Counties. Use only according to label instructions. The minimum interval for split applications is 30 days.
- Other States:** Do not apply more than 4.5 lb of product per 1000 sq ft of turfgrass per application. If necessary, a second application may be made no sooner than 30 days after the first. Do not apply more than 9 lb of product per 1000 sq ft per year.

Table 1. Use rates for preemergent control of annual grasses and postemergent control of broadleaf weeds.

REGION	PROGRAM 1 (lb per 1,000 sq ft)	PROGRAM 2 (lb per 1,000 sq ft)
New York State only	3.0 lb	4.5 lb
North	3.0 lb	4.5 lb
Transition	4.5 lb	3.0 lb + 3.0 lb split application
South	3.0 lb + 3.0 lb split application	4.0 lb + 4.0 lb split application
Coastal South	3.5 lb + 3.5 lb split application	4.0 lb + 4.0 lb split application
West	3.0 lb to 4.5 lb	3.5 lb + 3.5 lb split application

North: All states not included below.

Transition: DE, KS, KY, MD, MO, NJ, VA southeastern PA, southern areas of IL, IN, OH, & coastal areas of CT, NY, & RI.

South: AL, AR, GA, LA, MS, NC, NM, OK, SC, TN & TX.

Coastal South: HI, FL & southern coastal areas of AL, GA, LA, MS, NC, SC & TX.

West: AZ, CA & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.

Fall Applications

- This product can also be applied in the late summer or early fall (late August through November) at the higher use rates listed in Program 2 of Table 1 to provide control of crabgrass through the early part of the next spring.
- The fall application may be followed by an appropriate spring application.
- Use of split (half-rate) applications spaced 6 to 8 weeks apart may provide improved weed control. Use the higher use rates when the expected weed infestations are dense when applications are made early, and/or longer residual control is desired (See Program 2 of Table 1).

RAINFALL / IRRIGATION:

- Do not irrigate the lawn for one day (24 hours) after application. Rainfall or irrigation (greater than ½ inch) at 2 to 7 days after application may optimize the weed control.

APPLICATION EQUIPMENT

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Avoid streaking, skips, or overlaps during application. Calibrate application equipment prior to usage, and apply this product uniformly over the turfgrass area.

Choose one of these application or distribution patterns:

- Single Pass** - Operate the equipment at intervals corresponding to the width or swath of the spreader. For drop spreaders, overlap the wheel tracks to ensure complete coverage. Close the spreader openings when turning to change directions or when stopping.
- Double Pass** - Reduce the application rate by one-half of the specified rate, calibrate the spreader, and adjust the settings for the desired application rate. Operate the spreader over the lawn two (2) times. Close the spreader openings when turning to change directions or when stopping.
- Cross Hatching** - Reduce the application rate by one-half of the specified rate, calibrate the spreader, and adjust the settings for the desired application rate. Operate the spreader over the lawn two (2) times. For the second trip, operate the spreader perpendicular to the wheel tracks or the spreader pattern of the first trip. Close the spreader opening when turning to change directions or when stopping.

CALIBRATION INSTRUCTIONS:

- For 3.0 lb of product per 1,000 sq ft of turfgrass: Check your spreader on 330 sq ft and adjust to apply at the rate of 1 lb of product per 330 sq ft.
- For 3.5 lb of product per 1,000 sq ft of turfgrass: Check your spreader on 285 sq ft and adjust to apply at the rate of 1 lb of product per 285 sq ft.
- For 4.0 lb of product per 1,000 sq ft of turfgrass: Check your spreader on 250 sq ft and adjust to apply at the rate of 1 lb of product per 250 sq ft.
- For 4.5 lb of product per 1,000 sq ft of turfgrass: Check your spreader on 225 sq ft and adjust to apply at the rate of 1 lb of product per 225 sq ft.

SPREADER SETTINGS

BEST® Pro	4B
Spyker/BEST® Models 34,44,64	3.7
Earthway	12
Lesco	13
Scotts R-8A (Cone 8)	J½

Note: The above spreader settings are approximate. The age and condition of spreader, speed of operation and evenness of terrain may require slightly different settings for desired coverage.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep in original container in a cool, dry area, away from extreme heat and direct sunlight. Do not store near food, feed, seeds or other pesticides.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. 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.

CONTAINER DISPOSAL: Paper and plastic bags: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

The Manufacturer warrants that this 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 not reasonably foreseeable to Manufacturer, and Buyer assumes the risk of any such use.

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 this label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricane), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. All such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES

To the extent consistent with applicable 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 Seller's election, one of the following:

- Refund of purchase price paid by Buyer or User for product bought, or
- Replacement of amount of product used.

To the extent consistent with applicable law, seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent consistent with applicable law, in no case shall Seller be liable for consequential or incidental damages or losses.

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 Product Labels, SDS and other information on BEST® products are available at www.BestFertilizer.com