CORDONES®

# SPEED ZONE LAWN WEED KILLER

#### **DEAD WEEDS - FAST**

#### **ACTIVE INGREDIENTS:**

2,4-D, 2-ethylhexyl ester	28.57%
Mecoprop-p acid	5.88%
Dicamba acid	1.71%
Carfentrazone-ethyl	0.62%
INERT INGREDIENTS:	63.22%
TOTAL	100 00%

#### THIS PRODUCT CONTAINS:

2,4-dichlorophenoxyacetic acid equivalent, 18.95%.

Isomer Specific by AOAC Methods.

Contains the single isomer form of Mecoprop-p.

Contains petroleum distillates, xylene or xylene range aromatic solvent.

# KEEP OUT OF REACH OF CHILDREN CAUTION

See below for additional Precautionary Statements and First Aid.



#### DIRECTIONS FOR USE

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

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

#### PRODUCT DESCRIPTION:

This product is a combination of four proven weed killers: 2,4-D, mecoprop-p, dicamba and carfentrazone-ethyl. Postemergent applications of this product control a wide range of broadleaf lawn weeds in residential lawns including dandelion, chickweed, spurge, pennywort (dollarweed), knotweed, plantain, and clover.

This product offers these advantages:

- Rapid and effective weed control for common and troublesome weed species in turfgrass
- Superior cool weather performance.
- Injury symptoms on broadleaf weeds can be noticed within hours of the application and plant death can occur within 7-14 days.

#### WHERE TO USE:

This product is intended for use on most ornamental lawns including:

#### Cool-Season Turfgrass

Kentucky bluegrass Perennial ryegrass Tall fescue Red or fine leaf fescues Colonial bentgrass Mixtures of cool-season species

#### Warm-Season Turfgrass

Common bermudagrass Hybrid bermudagrass Zoysiagrass

#### Turfgrass tolerance:

The turfgrass tolerance to SPEED-ZONE® Lawn Weed Killer may vary and temporary turfgrass yellowing may occur on certain varieties (F1 hybrids) of hybrid bermudagrass.

SPEED-ZONE® Lawn Weed Killer may injure certain turfgrass species. To reduce risk of lawn injury, avoid spraying drought stressed lawns or when temperatures are above 85°F.

#### **Prohibitions:**

- Do not use this product on bahiagrass, buffalograss, carpetgrass, centipedegrass, dichondra, St. Augustinegrass, or lawns containing desirable clovers.
- · Do not spray roots of trees and ornamentals.
- Do not allow spray to drift onto vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants since injury may result.
- Do not exceed specified dosages for any area. Be particularly careful within dripline of trees and other ornamental species.

#### WHEN TO APPLY:

Spray when broadleaf weeds are young and actively growing for best results.

SPEED-ZONE® Lawn Weed Killer may be applied in the spring, summer, or fall. Spring and fall treatments under adequate soil moisture conditions are preferred to the summer treatments.

Broadcast (entire areas) applications or follow-up applications at 2-6 week intervals are recommended for more mature weeds, for dense infestations, and for adverse environmental conditions.

Spot treatments during the summer may be appropriate for sparse infestations, or as a follow-up treatment, or any time broadleaf weeds are susceptible.

## CULTURAL TIPS FOR IMPROVED CONTROL: Irrigation:

 Do not apply this product immediately before rainfall or irrigation. Rain or watering within 4 hours after treatment may reduce effectiveness.

#### Mowing

Delay moving 1 to 2 days before and after the application of this product.

#### Reseeding Interval:

• Treated areas may be reseeded 2 weeks after application.

#### THREE EASY STEPS TO MIX AND APPLY:

- Determine (Measure) the lawn area to be sprayed. Calculate square feet by multiplying length by width. The application rate for this product is presented as fl. oz. (tablespoons) per 1,000 sq. ft. of lawn.
- Use hand-operated sprayers (backpack sprayers, compression (pump-up) sprayers, knapsack sprayers or tank type) or hose end sprayers. Carefully measure and mix the proper amount of product with water. See below for instructions for the various types of sprayers.
- 3. Spray evenly over the lawn.

#### HOW MUCH TO USE:

#### BROADCAST TREATMENTS FOR COOL-SEASON TURFGRASS:

Use rates of SPEED-ZONE® Lawn Weed Killer on cool-season turfgrass as broadcast treatments are presented in Table 1.

#### TABLE 1. RATE RECOMMENDATIONS FOR COOL-SEASON TURFGRASS.

Species	Amount of Product fl. oz./ 1,000 sq. ft.	Treated area for 20 fl. oz. container
Kentucky bluegrass, perennial ryegrass, tall fescue, red or fine leaf fescues, colonial bentgrass and mixtures of cool-season species	1.4	14,300 sq. ft.

#### HOW TO APPLY:

#### FOR ORTHO HOSE-END SPRAYERS FOR COOL-SEASON TURFGRASS

 For Ortho® Dial'N Spray Hose-End Sprayer or Gilmour® Dial-A-Mix® Lawn and Garden Sprayer:

SET THE DIAL: Set dial on 3 tsp. (1 Tbs.) per gallon.

*FILL:* Determine (Measure) the lawn area to be sprayed. Calculate square feet by multiplying length by width. The application rate for this product is 1.4 fl. oz. per 1,000 sq. ft. of lawn. Add an adequate amount of herbicide to the spray bottle to treat the *total* lawn area.

SPRAY: Spray evenly over the lawn.

**Example:** Measure 4.0 fl. oz. (8 Tbs.) into sprayer jar. Do not add water. Set dial on 3 teaspoons (tsp.) and spray uniformly on 3,000 sq. ft. of lawn.

The maximum application rate to turf is 0.8 pound 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

# SPOT TREATMENTS FOR COOL-SEASON TURFGRASS

#### For Hand-Operated Sprayers:

For cool-season turfgrass, mix 1.0 fl. oz. of SPEED-ZONE® Lawn Weed Killer per 1.0 gallon of water for treatment of approximately 1,000 sq. ft. of turfgrass. Apply any time the emerged broadleaf weeds are susceptible.

### SPRAY PREPARATION FOR SPOT TREATMENTS ON COOL-SEASON TURFGRASS

Spray volume, gals. of water	Fluid ounces (fl. oz.) of product	Tablespoons (tbs.) of product	Area to be treated, sq. ft.
1 gallon	1 fl. oz.	2 tbs.	1,000 sq. ft.
2 gallons	2 fl. oz.	4 tbs.	2,000 sq. ft.
3 gallons	3 fl. oz.	6 tbs.	3,000 sq. ft.

Equal measures: 1.0 fl. oz. = 2 tablespoons.

#### **BROADCAST TREATMENTS FOR WARM-SEASON TURFGRASS:**

Use rates of SPEED-ZONE® Lawn Weed Killer on warm-season turfgrass as broadcast treatments are presented in Table 2.

#### TABLE 2. RATE RECOMMENDATIONS FOR WARM-SEASON TURFGRASS.

Species	Amount of Product fl. oz./ 1,000 sq. ft.	20 fl. oz. sprayer jar or retail container
Common bermudagrass	1.5	13,300 sq. ft.
Hybrid bermudagrass and zoysiagrass	1.1	18,200 sq. ft.

#### **HOW TO APPLY:**

FOR ORTHO HOSE-END SPRAYERS FOR WARM-SEASON TURFGRASS

For common bermudagrass:

 For Ortho® Dial'N Spray Hose-End Sprayer or Gilmour® Dial-A-Mix® Lawn and Garden Sprayer:

SET THE DIAL: Set dial on 3 tsp. (1 Tbs.) per gallon.

*FILL:* Determine (Measure) the lawn area to be sprayed. Calculate square feet by multiplying length by width. The application rate for this product is 1.5 fl. oz. per 1,000 sq. ft. of lawn. Add an adequate amount of herbicide to the spray bottle to treat the *total* lawn area.

SPRAY: Spray evenly over the lawn.

**Example:** Measure 4.4 fl. oz. (9 Tbs.) into sprayer jar. Do not add water. Set dial on 3 teaspoons (tsp.) and spray uniformly on 3,000 sq. ft. of lawn.

For hybrid bermudagrass and zoysiagrass:

 For Ortho® Dial'N Spray Hose-End Sprayer or Gilmour® Dial-A-Mix® Lawn and Garden Sprayer:

SET THE DIAL: Set dial on 2 tsp. per gallon.

*FILL:* Determine (Measure) the lawn area to be sprayed. Calculate square feet by multiplying length by width. The application rate for this product is 1.1 fl. oz. per 1,000 sq. ft. of lawn. Add an adequate amount of herbicide to the spray bottle to treat the *total* lawn area.

SPRAY: Spray evenly over the lawn.

**Example:** Measure 3.3 fl. oz. (6.6 Tbs.) into sprayer jar. Do not add water. Set dial on 2 teaspoons (tsp.) and spray uniformly on 3,000 sq. ft. of lawn.

# SPOT TREATMENTS FOR WARM-SEASON TURFGRASS

• For Hand-Operated Sprayers:

For warm-season turfgrass, mix 0.75-1.0 fl. oz. of SPEED-ZONE® Lawn Weed Killer per 1.0 gallon of water for treatment of approximately 1,000 sq. ft. of turfgrass. Apply any time the emerged broadleaf weeds are susceptible.

# SPRAY PREPARATION FOR SPOT TREATMENTS ON WARM-SEASON TURFGRASS

Spray volume, gals. of water	Fluid ounces (fl. oz.) of product	Tablespoons (tbs.) of product	Area to be treated, sq. ft.
1 gallon	0.75- 1 fl. oz.	1½-2 tbs.	1,000 sq. ft.
2 gallons	1.5- 2 fl. oz.	3-4 tbs.	2,000 sq. ft.
3 gallons	2.25- 3 fl. oz.	4½-6 tbs.	3,000 sq. ft.

Equal measures: 1.0 fl. oz. = 2 tablespoons.

The maximum application rate to turf is 0.8 pound 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

#### **BROADLEAF WEEDS CONTROLLED:**

SPEED-ZONE® Lawn Weed Killer will control or suppress the following broadleaf weeds and will control or suppress other broadleaf weeds that are susceptible to 2,4-D. A partial list is presented below.

#### - BROADLEAF WEEDS -

Aster, white heath & white prairie; Bedstraw; Beggarweed, creeping; Bindweed; Black medic; Broadleaf plantain; Buckhorn plantain; Bull thistle; Burclover; Burdock, common; Buttercup, creeping; Carpetweed; Chickweed, common; Chicory; Cinquefoil; Clover; Compassplant; Curly dock; Dandelion; Dayflower; Deadnettle; Dock; Dogfennel; English daisy; False dandelion (\*spotted catsear & common catsear); Field bindweed (\*morningglory & creeping jenny); Field oxeyedaisy (\*creeping oxeye); Filaree, whitestem & redstem; Florida betony; Florida pusley; Ground ivy; Groundsel; Hawkweed; Healall; Henbit; Innocence (Blue-eyed Mary); Lambsquarters; Lawn burweed; Lespedeza, common; Mallow, common; Matchweed; Mouseear chickweed; Old world diamond flower; Oxalis (\*yellow woodsorrel & creeping woodsorrel); Parsley-piert; Pennsylvania smartweed; Pennywort (\*dollarweed); Pepperweed; Pigweed; Pineappleweed; Plantain; Poison ivy; Poison oak; Prostrate knotweed (\*knotweed); Puncturevine; Purple cudweed; Purslane; Ragweed; Redweed; Red sorrel (\*sheep sorrel); Shepherdspurse; Spotted spurge; Spurge; Thistle; Veronica (\*corn speedwell); Virginia buttonweed; White clover (\*Dutch clover, honeysuckle clover, white trefoil, & purplewort); Wild carrot; Wild garlic; Wild geranium; Wild lettuce; Wild mustard; Wild onion; Wild strawberry; Wild violet; Yarrow; Yellow rocket and many more broadleaf weeds.

#### STORAGE & DISPOSAL

**STORAGE:** Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** For Plastic Containers – Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke.

#### PRECAUTIONARY STATEMENTS

#### **Hazards to Humans and Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### **Personal Hygiene Statements:**

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

#### **FIRST AID**

If swallowed:	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>Do not give any liquid to the person.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
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 on skin:	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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may contact 1-877-800-5556 for emergency medical treatment information.

 $\ensuremath{\mathsf{NOTE}}$  TO PHYSICIAN: Contains petroleum distillates — vomiting may cause aspiration pneumonia.

#### **ENVIRONMENTAL HAZARDS:**

Carfentrazone-ethyl is very toxic to algae and moderately toxic to fish. This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water, or 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 washwater. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP-p have been associated with mixing, loading and disposal sites.

<sup>\*</sup>Synonyms

Caution should be exercised when handling 2,4-D and MCPP-p 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.

#### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Ilsa

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

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