

HERBICIDE

Clethodim 2E

Clethodim 2E is a selective postemergence herbicide for control of annual and perennial grasses in a variety of crops. A reduction in vigor and growth is evident in treated grass weeds. Early chlorosis/necrosis of younger plant tissue is followed by a progressive collapse of the remaining foliage. Symptoms will generally be observed in 7-to 14-days depending on grass species treated and environmental conditions.

PRODUCT FEATURES:

- Clethodim 2E is a systemic herbicide which is translocated from the treated foliage to the growing points of the leaves, shoots and roots.
- Clethodim 2E provides excellent tank mix compatibility with a variety of herbicides for more complete weed control on labeled crops.
- Clethodim 2E can be applied by ground application with optimal weed control when annual grasses and volunteer cereals are in the 2-to 6-leaf stage.
- Clethodim 2E can be applied by ground, aerial or by chemigation (Onions: dry bulbs and green; and Garlic only).

ACTIVE INGREDIENT: Clethodim

HERBICIDE GROUP: 1

ACTIVE INGREDIENT PER LITER: 2.0 lbs.

MODE OF ACTION: ACCase Inhibitor

USE RATES: See label for all product use rates

PACKAGING: 4x1's, 2x2.5's and 265 gallon



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USE DIRECTIONS FOR ANNUAL GRASSES (EXCEPT FOR IN ESTABLISHED ALFALFA AND MINT)

- Apply only to actively growing grasses at recommended weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

GRASS SPECIES	Weed* Height (inches)	Rate (fl. oz./acre)	High Rate ⁽⁴⁾
Barnyardgrass, <i>Echinochloa crus-galli</i>	2-8	6	8
Broadleaf Signalgrass, <i>Brachiaria platyphylla</i>	2-6	6	8
BROME			
California, <i>Bromus carinatus</i>	2-6	6	8
Cheatgrass, <i>Bromus secalinus</i>	2-6	6	8
Downy, <i>Bromus tectorum</i>	2-6	6	8
Ripgut, <i>Bromus diandrus</i>	2-6	6	8
Canarygrass, <i>Phalaris canariensis</i>	1-4	6	8
CRABGRASS			
Hairy, <i>Digitaria adscendens</i>	2-6**	6	8
Large, <i>Digitaria sanguinalis</i>	2-6**	6	8
Smooth, <i>Digitaria ischaemum</i>	2-6**	6	8
Southern, <i>Digitaria ciliaris</i>	2-6**	6	8
Crowfootgrass, <i>Dactyloctenium aegyptium</i>	2-6**	6	8
Fall Panicum, <i>Panicum dichotomiflorum</i>	2-8	6	8
Field Sandbur, <i>Cenchrus incertus</i>	2-6	6	8
FOXTAIL			
Giant, <i>Setaria faberi</i>	2-12	6	8
Green, <i>Setaria viridis</i>	2-8	6	8
Yellow, <i>Setaria glauca</i>	2-8	6	8
Goosegrass, <i>Eleusine indica</i>	2-6**	6	8
Itchgrass, <i>Rottboellia exaltata</i>	2-6	6	8
Junglerice, <i>Echinochloa colona</i>	2-6	6	8
Lovegrass (Stinkgrass), <i>ragrostis cilianensis</i>	2-6	6	8
Rabbitsfootgrass, <i>Polygonum monspeliensis</i>	1-4	6	8
Red Rice, <i>Oryza sativa</i>	1-3	6	8
RYEGRASS			
Hardy, <i>Lolium remotum</i>	2-6	6	8
Italian, <i>Lolium multiflorum</i>	2-6	6	8
Seedling Johnsongrass, <i>Sorghum halepense</i>	4-10	6	8

USE DIRECTIONS FOR PERENNIAL GRASSES

- Make applications only to actively growing grasses at recommended weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.
- Use the high rate when grasses are at maximum height and/or under heavy grass pressure.

GRASS SPECIES	Weed* Height (inches)	Rate (fl. oz./acre)	High Rate ⁽⁴⁾
Bermudagrass, <i>Cynodon dactylon</i>			
First Application	3	8	16
Repeat Application(s) (if regrowth occurs)	3	8	16
Fescue, tall, <i>Festuca arundinacea</i>			
First Application	4-8	8	16
Repeat Application(s) (if regrowth occurs)	4-8	8	16
Foxtail Barley, <i>Hordeum jubatum</i>			
First Application	2-6	8	16
Repeat Application(s) (if regrowth occurs)	2-6	8	16
Orchardgrass, <i>Dactylis glomerata</i>			
First Application	4-8	8	16
Repeat Application(s) (if regrowth occurs)	4-8	8	16
Quackgrass*, <i>Elytrigia repens</i>			
First Application	4-12	8	16
Repeat Application(s) (if regrowth occurs)	4-12	8	16

- Do not apply more than 8 fl. oz./A of Clethodim 2E per application to the following crops: asparagus, carrot, cranberry, cucurbits, flax, fruiting vegetables (except tomato), garden beet, green onion, head and stem brassica vegetables, herbs, hops, leaf petioles, leafy brassica greens. Leafy greens, non-bearing food crops, root vegetables, safflower, sesame and strawberry. Do not apply more than 6 fl. oz./A of Clethodim 2E per application to canola, or mustard seed.

GRASS SPECIES	Weed* Height (inches)	Rate (fl. oz./acre)	High Rate ⁽⁴⁾
Shattercane, <i>Sorghum bicolor</i>	6-18	6	8
Southwestern Cupgrass, <i>Eriochloa gracillis</i>	2-6	6	8
SPRANGLETOP			
Amazon, <i>Leptochloa panicoides</i>	2-6	6	8
Bearded, <i>Leptochloa fascicularis</i>	2-6	6	8
Mexican, <i>Leptochloa uninervia</i>	2-6	6	8
Red, <i>Leptochloa filiformis</i>	2-6	6	8
Texas Panicum, <i>Panicum texanum</i>	2-6	6	8
VOLUNTEER CEREALS⁽³⁾			
Barley, <i>Hordeum vulgare</i>	2-6	6	8
Oats, <i>Avena sativa</i>	2-6	6	8
Rye, <i>Secale cereale</i>	2-6	6	8
Wheat, <i>Triticum aestivum</i>	2-6	6	8
Volunteer Corn ⁽²⁾ , <i>Zea mays</i>	4-12	4	6
Volunteer Corn (S.R.) ⁽¹⁾ , <i>Zea</i>	4-12	8	suppression only
Volunteer Corn ⁽²⁾ , <i>Zea mays</i>	12-24	6	8
Volunteer Grain Sorghum, <i>Sorghum bicolor</i>	8-12	6	8
Wild Oats, <i>Avena fatua</i>	2-6	6	8
Wild Proso Millet, <i>Panicum miliaceum</i>	2-10	6	8
Witchgrass, <i>Panicum capillare</i>	2-8	6	8
Woolly Cupgrass, <i>Eriochloa villosa</i>	2-8	6	8

* Generally occurs between 3-leaf stage and tillering

** Length of lateral growth

1. Sethoxydim - resistant volunteer corn.

2. Includes Roundup Ready®, Liberty Link® and IMI-CORN® volunteer corn.

3. When the cereal grain crop (such as wheat) is interseeded for crop establishment or is planted as wind breaks to aid crop establishment, the minimum Clethodim 2E use rate for control is 8 fl. oz./A.

4. Rates higher than 8 fl. oz./A may be applied in certain geographic areas, environmental conditions, or cropping situations, where experience has shown that higher rates are needed for satisfactory control of annual grasses. In these situations, rates from 8 to 16 fl. oz./A may be applied. Do not apply more than 8 fl. oz./A of Clethodim 2E per application to the following crops: asparagus, carrot, cranberry, cucurbits, flax, fruiting vegetables (except tomato), garden beet, green onion, head and stem brassica vegetables, herbs, hops, leaf petioles, leafy brassica greens. Leafy greens, non-bearing food crops, root vegetables, safflower, sesame and strawberry. Do not apply more than 6 fl. oz./A of Clethodim 2E per application to canola or mustard seed.

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GRASS SPECIES	Weed* Height (inches)	Rate (fl. oz./acre)	High Rate ⁽⁴⁾
Rhizome Johnsongrass, <i>Sorghum halepense</i>			
First Application	12-24	8	16
Repeat Application(s) (if regrowth occurs)	6-18	6	8
Wirestem Muhly, <i>Muhlenbergia frondosa</i>			
First Application	4-8	8	16
Repeat Application(s) (if regrowth occurs)	4-8	8	16
Perennial Bluegrass* Roughstalk, <i>Poa trivialis</i> Kentucky, <i>Poa pratensis</i>			
First Application	2-4	8	16
Repeat Application(s) (if regrowth occurs)	2-4	8	16
Bentgrass*, <i>Agrostis spp.</i>			
First Application	2-4	-	16
Repeat Application(s) (if regrowth occurs)	2-4	-	16

* Control of quackgrass, perennial bluegrass and bentgrass with Clethodim 2E may be enhanced by adding AMS at 2.5 to 4.0 lbs./acre.

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IMI-Corn is a trademark of BASF Corporation

Always read and follow label directions. | EPA Reg. No. 42750-72 | AD062713A