

NONCROPLAND AND INDUSTRIAL SITES

General Information

Product Information

Dimension Ultra 40WP specialty herbicide provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns, commercial sod farms, ornamental and sports turf, sport fields, golf course fairways, roughs, tee boxes, unimproved turfgrass areas, container-grown ornamentals, field-grown ornamentals, landscape ornamentals, non-cropland (see list above), natural areas and Christmas trees.

This product will not control established weeds, except for crabgrass in early stages of growth. For optimum control, applications of this product should be made preemergence (prior to germination of target weeds).

This product is most effective when activated by 1/2 inch or more of rainfall or irrigation. To optimize control, ensure that activation has occurred prior to germination of most grass and broadleaf weeds.

Chemigation: Do not apply this product through any type of irrigation system.

Grass and Broadleaf Weeds Controlled by Dimension Ultra 40WP

Used as directed, Dimension Ultra 40WP controls annual grass and broadleaf weeds listed in the table of the label below if applied preemergence. This product will not control emerged broadleaf weeds or grasses, except for crabgrass in early stages of growth.

Uses

Weed Resistance Management

Dithiopyr, the active ingredient in this product, is a Group 3 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain or develop plants resistant to Group 3 herbicides.

Resistant weeds may dominate the weed population if these herbicides are used repeatedly in the same field. Such resistant weed plants may not be effectively managed using Group 3 herbicides but may be effectively managed utilizing other herbicides alone or in mixtures from a different herbicide Groups that are labeled for control of these weeds and/or by using cultural or mechanical practices.

However, a herbicide mode of action classification by itself may not adequately

address specific weeds that are resistant to specific herbicides. Consult your local company representative, state cooperative extension service, professional consultants or other qualified authorities to determine appropriate actions for treating specific resistant weeds.

Best Management Practices

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistant weeds. Scouting after a herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant weed populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in reducing the spread of resistant weed seed.

Limitations, Restrictions, and Exceptions

Preemergence Application Rates, Frequency and Timing

For preemergence grass and broadleaf weed control, apply Dimension Ultra 40WP as single or sequential application at 2 to 4 water-soluble pouches (0.25 to 0.5 pound active ingredient) per acre. Applicators may choose to make a single application or sequential applications of 2 to 4 pouches per acre at 5 to 10 week intervals based on one or more of the factors listed below.

- Length of residual weed control desired
- Height of turf (lower cut turf may require use of the higher labeled rate)
- History and success of weed control at the application site (the higher labeled application rates should be used if herbicide treatment history is unknown or weed control was poor with previous applications)
- Exposure to high temperatures and heavy rainfall or irrigation (this will shorten the residual preemergence performance)
- On turf sites adjacent to hard surfaces such as driveways, sidewalks and parking lots where residual activity may be reduced
- Some target weed species (such as but not limited to *Poa annua*, goosegrass and

sandbur) will require use of the higher labeled rates

Use Directions for Noncropland and Natural Areas

Apply Dimension Ultra 40WP for preemergence control of listed annual grasses and broadleaf weeds in non-crop land (see listing above) and natural areas as a single or sequential application.

Apply Dimension Ultra 40WP prior to germination of target weeds or to bare ground. The best weed control is obtained when applications are made preemergence and to soil that is free of clods, weeds and debris such as leaves. For total vegetation control tank mixing this product with herbicides such as Accord XRT II, Opensight or Milestone is necessary.

To be effective, Dimension Ultra 40WP must be activated by 0.5 inch or more of rainfall or irrigation prior to germination of target weeds. Once the treatment is activated, avoid excessive soil disruption such as grading roadsides that may break down the herbicide barrier. Minimal surface disruption such as raking should not break down the herbicide barrier.

Use Precautions:

- For ornamentals within non-crop areas, apply only after transplanting when soil around roots has been thoroughly settled by rainfall or irrigation and no cracks are present, and only to plants listed in the Tolerant Ornamental section of this label, or injury may result.
- Sequential applications may be made on 3 to 4 month intervals for extended preemergence weed control.

Use Restrictions:

- Do not apply when weather conditions favor drift to non-target areas. This product may injure foliage of non-target plants.
- Do not graze livestock or feed forage cut from areas treated with this product within 365 days of treatment.
- Do not exceed maximum use rates per year.
- In New York State, this product may be used by commercial applicators only, at no more than 1.25 pounds (20 ounces) or 4 water-soluble pouches per acre per year (0.5 lb active ingredient). In Nassau and Suffolk counties of New York, do not exceed 0.625 pounds (10 ounces) or 2 water-soluble pouches of this product per acre per year (0.25 lb of active ingredient).

Method

[Foliar spray](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

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Restricted Entry Interval

12 hours

Timings

[Preemergence \(Weed\)](#)