Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2011-2013 LIC. NO.

Zipper 1.5" from top

Department of Agriculture
STATE OF HAWAII

Department of Agriculture
STATE OF HAWAII

LICENSED

LICENSED PERIOD 2014-2016 LIC. NO.

PERIOD 2008-2010 LIC. NO. 9786.216

Dow AgroSciences™

Dimension® Ultra 40WP

Specialty Herbicide

Provides control of listed annual grasses and broadleaf weeds in:

- **Established lawns**
- **Commercial sod farms**
- **Non-cropland and industrial sites**
- **Ornamental turf (including golf course fairways, roughs, and tee boxes)**
- **Container grown ornamentals**
- **Field-grown ornamentals**
- **Landscape ornamentals**

In New York State, this product may only be used by commercial applicators at no more than 0.625 pounds per acre per year (10 ounces) or 2 water-soluble pouches per acre per year (0.25 pounds active ingredient).

Active Ingredient
dithiopyr: 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)- S,S-dimethyl ester 40.0%
Other Ingredients 60.0%
Total 100.0%

Each 5 ounce water-soluble pouch contains 0.125 lb of active ingredient.

Keep Out of Reach of Children

CAUTION

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to back panel of bag for additional precautionary information including Personal Protective Equipment (PPE), User Safety Recommendations and Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-445

0G 49

EPA Est. 065387-AR-001; 5905-GA-01
Superscripts correspond to places 7 and 8 of lot number.
900-015071 / 00192321

®Trademark of Dow AgroSciences LLC

Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

8 x 5 oz Water-Soluble Pouches

Zipper Location 1.5" from Top

18"

36" Finish

.25" x 1" Eyemark

.375" Seals

1" No Print Zone Each Side of Center Fold

hed Web

PLACE BOOKLET HERE

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Eye Irritation •Harmful If Absorbed Through The Skin

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing dust. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE):

Applicators and other handlers (other than mixer loaders) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Mixer and Loaders must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meet the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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: 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 or clothing: 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 swallowed: 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 a unconscious person.

First Aid (Cont.)

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

Environmental Hazards

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. 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 apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Read all Directions for Use carefully before applying.

REFORMULATION OR REPACKAGING OF THIS PRODUCT IS PROHIBITED.

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Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.
Pesticide Storage: Store this product only in its original container in a dry, cool, secured storage area. Store this product above 32°F.
Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Refer to label for additional precautionary information and Directions for Use.

(01) 0 06 62974 40377 7

GCMI 340 C Green Job# 135628 DAS Dimension Ultra 40W Bag

Zipper 1.5" from top

Dow AgroSciences™

Dimension® Ultra 40WP

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Produced for Dow AgroSciences LLC
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Applicators and other handlers (other than mixer loaders) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

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Directions for Use

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Read all Directions for Use carefully before applying.

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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. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements:

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE)and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Non-Agricultural Use Requirements:

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

- **Keep unprotected persons out of treated area until sprays have dried.**

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.
Pesticide Storage: Store this product only in its original container in a dry, cool, secured storage area. Store this product above 32°F.
Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

General Information

Dimension® Ultra 40WP specialty herbicide provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns, commercial sod farms, noncropland and industrial sites and ornamental turf (including but not limited to golf course fairways, roughs, tee boxes), container-grown ornamentals, field grown ornamentals and landscape ornamentals.

Except for control of crabgrass up to initiation of tillering, this product will not control emerged weeds. This stage of crabgrass growth generally corresponds to the time when seedlings are first visible in established turfgrasses and individual plants have five leaves or less. Applications to crabgrass after initiation of tillering will not provide satisfactory control. All other applications of this product should be made preemergence (prior to germination of target weeds).

This product is not effective until activated by 1/2 inch or more of rainfall or irrigation. Applications should be timed to ensure that activation has occurred prior to tillering stage of crabgrass development or prior to germination of all other weeds.

Note: In New York State this product may be applied only by commercial applicators.

Mixing Instructions

Handling of Water Soluble Pouches: The enclosed pouches are water soluble. Do not allow pouches to become wet prior to adding to the spray tank. Do not handle the pouches with wet hands or wet gloves. Always reseal over-wrap bag to protect remaining unused pouches. Do not remove water-soluble pouches from over-wrap except to add directly to the spray tank.

Dimension Ultra 40WP Alone with Water as the Carrier:

Be sure the sprayer is clean and not contaminated with other materials prior to use. Place a 20 to 35 mesh screen or wetting basket over the filling port. Fill the mixing tank 1/2 to 3/4 full with clean water and begin agitation. Be certain that the agitation system is working properly and creates a rolling or rippling on the liquid surface. Turn off the agitator and add the required number of unopened Dimension Ultra 40 water soluble packets to the tank. Be careful not to drop on top of each other. Wait 5 to 10 minutes to allow the packets to thoroughly dissolve before turning on the agitation, or adding any additional materials to the tank. Continue filling tank with the remainder of the water. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the water source. Resume agitation and maintain agitation of spray mixture during application to ensure uniformity of spray mixture and prevent settling.

Dimension Ultra 40WP Alone with Fluid Fertilizer as the Carrier

First, determine the compatibility of this product with the desired fluid fertilizer by mixing small proportional quantities in advance. Follow instructions in the “Physical Compatibility Test” section of this label. Then follow the mixing procedure listed below for tank mixtures.

Tank Mixtures

Dimension Ultra 40 WP may be applied in tank mix combination with labeled rates of fluid fertilizers or other herbicides provided (1) the tank mix product is labeled for the timing and method of application for the use site to be treated; and (2) tank mixing is not prohibited by the label of the tank mix product. Read carefully and follow all applicable use directions, precautions, and limitations on the respective product labels. Tank mixtures with Gallery 75 DF will control a broader spectrum of weeds. First, determine the compatibility of this product and the desired tank mixture partner product(s) in the appropriate carrier (water or fluid fertilizer) by mixing small proportional quantities in advance. See the “Physical Compatibility Test” section of this label below. Then adhere to the following mixing procedure:

Note: Dimension Ultra 40WP is compatible with boron and spray oils; however, the water soluble pouches must be completely dissolved before adding spray oils or products containing boron to spray mixtures.

Mixing Procedure:

1. Place a 20 to 35 mesh screen or wetting basket over the filling port.
2. Fill the previously cleaned sprayer half full with the appropriate carrier and start agitation.
3. Add a compatibility agent if needed. Read and follow all of the information found on the product label for the selected compatibility agent. Check that agitation is working properly and creates a rolling or rippling on the liquid surface. .
4. Add Dimension Ultra 40WP to the tank and allow sufficient time for the water-soluble pouches to dissolve and contents to mix completely before adding other materials.
5. Wait 5 to 10 minutes to allow the packets to thoroughly dissolve before turning on the agitation, or adding any additional materials to the tank.
6. Resume agitation.
7. Add any other wettable powder or dry flowable formulation. **When mixing this product or any other wettable powder or dry flowable product with fluid fertilizer, premix with water to form a slurry and then add slowly to the mixing tank.**
8. If a flowable pesticide formulation is used, premix with one part water, and add **slowly** to tank.
9. Add emulsifiable concentrate pesticide formulations to the tank.
10. Add water-soluble liquid pesticide formulations followed by surfactants, marker dyes or foams, or drift control additives while continuing the filling process.

Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the carrier source. Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, agitate thoroughly to re-suspend the mixture before resuming spraying.

Physical Compatibility Test

Before mixing this product with fluid fertilizers and/or other pesticides, it is recommended that the compatibility of the tank mixture be tested by mixing proportionate amounts of each component in a small glass jar according to the following instructions:

Compatibility Test Mixing Instructions

Pesticide Formulation	If Rate per Acre Is:	Amount of Pesticide added to Spray Carrier (assuming volume is 25 GPA) ADD: Level Teaspoons per Pint Jar of Carrier Solution
Dry	1 lb	1 1/2
Liquid	1 qt	1

This compatibility test is designed for 25 gallons of spray solution per acre. The table above gives general guidelines for use rate ratios of pesticides to be tank-mixed with this product. Determine the amount of pesticide to tank-mix by referring to the pesticide label(s). Then, calculate the amount of pesticide to add to jar based on use rate ratios in table. For a use rate of 1 pound per acre of dry pesticide add 1 1/2 teaspoons to the jar, and for a use rate of 1 quart per acre of liquid pesticide, add 1 teaspoon to the jar. This product should be added based on use rate ratios for liquid pesticides (for a use rate of 1 quart per acre, add 1 teaspoon to the jar). For changes in spray volume or herbicide rate, make appropriate changes in the ingredients for the test. Shake well to mix.

If pesticide(s) does not form crystals, flakes, sludge, gels, oily films or layers, then the tested components are compatible. Incompatibility in any of the above-described forms will usually occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Repeat the above compatibility test with a suitable compatibility agent (one-half teaspoon per pint jar is equivalent to 2 pints per 100 gallons of spray solution). Do not use mixtures that show incompatible signs such as formation of crystals, flakes, sludge, gels, oil films or layers.

Grass and Broadleaf Weeds Controlled by Dimension Ultra 40 WP

Used as directed, Dimension Ultra 40WP controls annual grass and broadleaf weeds listed in the table below if applied prior to their emergence. This product will not control emerged broadleaf weeds or grasses, (except for crabgrass up to tillering stage of development, and when individual plants have five leaves or less). Therefore, the area to be treated must be free of weeds prior to application.

Grasses

barley	*Hordeum* spp.
barnyardgrass	*Echinochloa crus-galli*
bluegrass, annual	*Poa annua*
brome	*Bromus* spp.
crabgrass, large	*Digitaria sanguinalis*
crabgrass, smooth	*Digitaria ischaemum*
crabgrass, Southern	*Digitaria ciliaris*
crowfootgrass	*Dactyloctenium aegyptium*
dallisgrass (seedling)	*Paspalum dilatatum*
foxtail, giant	*Setaria faberi*
foxtail, green	*Setaria verdi*
foxtail, yellow	*Pennisetum dandestinum*
goosegrass	*Eleusine indica*
kikuyugrass	*Pennisetum clandestinum*
Mary's grass	*Microstegium vimineum (Trin.) A. Camus var. imberbe*
oats, wild	*Avena fatua*
ryegrass (annual & perennial)	*Lolium* spp.
sandbur	*Cenchrus* spp.
smutgrass	*Sporobolus indicus*

Broadleaf Weeds

bittercress	*Cardamine* spp.
geranium, Carolina	*Geranium carolinianum*
henbit	*Lamium* spp.

Broadleaf Weeds (Cont.)

knotweed, prostrate	*Polygonum aviculare*
lespedeza, common	*Lespedeza striata*
marestail	*Conyza canadensis*
medic, black	*Medicago lupulina*
mulberry weed	*Fatoua villosa*
mustard	*Brassica* spp.
oxalis, buttercup	*Oxalis pes-caprae*
parsley-piert	*Alchemilla arvensis*
pigweed, redroot	*Amaranthus retroflexus*
pineappleweed	*Matricaria matricarioides*
purslane, common	*Portulaca oleracea*
rocket, London	*Sisymbrium irio*
shepherdspurse	*Capsella bursa-pastoris*
speedwell, corn	*Veronica arvensis*
spurge, garden	*Euphorbia hirta*
spurge, prostrate	*Euphorbia humistrata*
spurge, spotted	*Euphorbia maculata*
woodsorrel, creeping	*Oxalis corniculata*
woodsorrel, yellow	*Oxalis stricta*

Uses

Turfgrass

Use Dimension Ultra 40 WP on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. Newly established turf must have developed a good root system and a uniform stand, and have received at least two mowings following seeding, sodding,

or sprigging before making the first application of this product. Use of this product on turf that is not well-established, or has been weakened by weather-, pest-, disease-, chemical-, mechanical or other related stress, may result in turf injury.

Specific Use Precautions and Restrictions:

- Do not apply this product on golf course putting greens
- Dimension will prevent the germination of annual bluegrass. Dimension will not affect established annual bluegrass. If maintenance of annual bluegrass is desired, using this product during the time of annual bluegrass germination is not recommended. In the states of AZ, CA, NV, OR, WA, NM, ID, MT and UT Dimension may contribute to the thinning or stand reduction in established stands of annual bluegrass.
- It is recommended that sod be established for at least six (6) months before a Dimension Ultra 40WP application is made.
- **Do not** apply this product within three (3) months of harvesting sod.
- Early postemergence applications of this product will control crabgrass only if applied prior to when individual plants have five leaves or less (first tiller) stage of growth of crabgrass.
- For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product.
- **Do not** apply this product until the grass has recovered from cultural practices such as core-, spike-, or hydro-aerification, and verticutting,.
- **Do not** use clippings from treated turf for mulching around vegetables or fruit trees.
- **Do not** graze livestock or feed foliage cut from areas treated with this product.
- **Do not** apply more than 0.5 lb ai/acre per application. This is equivalent to 4 water-soluble pouches per acre or 0.46 oz/1000 sq ft (1.25 lb/acre of product) per application.
- **Do not apply** more than 1.5 lb ai/acre per year using split or sequential applications. This is equivalent to 12 water-soluble pouches per acre or 1.38 oz/1000 sq ft (3.75 lb/acre of product) per year.
- **In New York State,** do not apply more than 0.25 lb ai per year. This is equivalent to 2 water-soluble pouches (0.625 lb/acre) per acre or 0.23 oz/1000 sq ft of Dimension Ultra 40WP.

Dimension Ultra 40 WP should only be applied to turf that is composed of the following turfgrass species that have been determined to be tolerant to applications of this product. When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

Established Cool-Season Turfgrasses

Common Name	**Scientific Name**
bentgrass, creeping†	*Agrostis palustris*
bluegrass, Kentucky	*Poa pratensis*
fescue, fine††	*Festuca rubra*
fescue, tall	*Festuca arundinacea*
ryegrass, perennial	*Lolium perenne*

Established Warm-Season Grasses

Common Name	**Scientific Name**
bahiagrass	*Paspalum notatum*
bermudagrass†††	*Cynodon dactylon*
buffalograss††††	*Buchloe dactyloides*
carpetgrass	*Axonopus affinis*
centipedegrass	*Eremochloa ophiuroides*
kikuyugrass	*Pennisetum clandestinum*
seashore paspalum	*Paspalum vaginatum*
St. Augustinegrass	*Stenotaphrum secundatum*
zoysiagrass	*Zoysia japonica*

† Do not use this product on certain varieties of creeping bentgrass, such as ‘Cohansey’, ‘Carmen’, ‘Seaside’, and ‘Washington’ as undesirable turfgrass injury may result. Not all varieties of creeping bentgrass have been tested. **Do not** apply this product to colonial bentgrass (*Agrostis tenuis)* varieties.

†† Do not use this product on certain varieties of fine fescue as use may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: ‘Atlanta’, ‘Banner’, ‘Beauty’, ‘Bilgart’, ‘CF-2’, ‘Enjoy’,

'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf', and 'Waldina'. Not all varieties of fine fescue have been tested.

††† Do not use this product on 'Tifgreen' (328) hybrid bermudagrass as use may result in undesirable turfgrass injury. Other common and hybrid Bermudagrass varieties are tolerant

†††† **Do not** use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

Reseeding, Overseeding, or Sprigging

Reseeding, overseeding, or sprigging of treated areas within 3 months after a single application of this product, or 4 months after a split application program totaling more than 0.46 oz/1000 sq ft (1.25 lb/acre), may inhibit the establishment of desirable turfgrasses. However, overseeding of bermudagrass with perennial ryegrass 8 weeks after an application or as early as 6 weeks after application if slight injury to perennial ryegrass can be tolerated, is a recommended exception.

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.

Application Directions

Application Equipment and Instructions

Apply Dimension Ultra 40 WP through conventional liquid application equipment in a sufficient volume of carrier solution to provide a uniform spray distribution. Applying this product through cluster nozzles or other boomless spray equipment may not give satisfactory results due to variability in application volume and spray pattern. A hand held spray gun may be used. Calibrate application equipment prior to usage. Avoid streaking, skips, or excess overlaps during application. The use of marker dyes or foams aids in making more accurate applications.

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

Crabgrass Control

Preemergence and Early Postemergence Control.

This product provides “preemergence” control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass in established lawns and ornamental turfs. It can also provide “early postemergence” control of crabgrass during the early stages of crabgrass growth after the crabgrass has emerged. However, it is often difficult to see the very small, early stages of crabgrass in well-established lawns and ornamental turfs. Early post-emergence 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 can first easily see the crabgrass plants in the lawn or turf. The practical benefit of this product’s additional, early postemergence activity is a “window of application” during which control of crabgrass can be achieved that is 2 to 8 weeks longer than products that provide only preemergence control. Depending upon climatic conditions and rate of growth, the time from crabgrass emergence until tillering will vary from 2 to 8 weeks. The addition of a nonionic surfactant at 0.5% by volume (2 qt per 100 gallons of spray) may improve early postemergence control. Read and follow the surfactant manufacturer’s label recommendations.

Tank Mixtures for Postemergence Control of Crabgrass

Application of this product alone provides early postemergence control of crabgrass when treated prior to the tillering stage of growth. For postemergence control of tillered crabgrass up to 3 tillers, this product may be applied in tank mix combination with either MSMA or Acclaim.

If preemergence herbicides have been applied prior to a postemergence application, use the applicable Program 1 or Program 2 use rate of Dimension Ultra 40WP for your area; otherwise, apply the Program 3 use rate.

A compatibility test (see the “Physical Compatibility Test” in “Mixing Instructions” section) is required before tank mixing this product with fluid fertilizers and/or either MSMA or Acclaim herbicide.

Refer to the labels for MSMA or Acclaim for information on tolerance of specific turfgrass species and observe all limitations, precautionary statements, and use restrictions on the respective labels when using them in tank mixtures.

Application Frequency and Timing.

This product may be applied as a single application, as a split application, or as a sequential application for crabgrass control in the spring, summer, or fall.

Early Summer or Spring Applications

For applications made in the spring or early summer, this product should be applied at the appropriate rate corresponding to one of the three control programs listed in the table below. The rate used depends on the user's location, the mowing height of the turfgrass, and whether the use is considered to be preemergence or early postemergence at the time of the application. The duration of residual weed control provided by this product is directly related to the total rate applied, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.

Late Summer or Fall Applications

This product can also be applied in the late summer or early fall (late August through November) at the "Program 3" use rates listed in the table below to provide control of crabgrass through the early part of the next spring. A fall application followed by an appropriately timed spring application can provide season-long weed control. Do not exceed the maximum use rate per year. For *Poa annua* control see Section titled "Poa annua (Annual Bluegrass) Control" below Recommended Use Rate table.

Use Program 1 for preemergence control in turfgrass that is cut relatively high (e.g., residential lawns). This program provides 3-5 months of preemergence crabgrass control and will also provide early postemergence control of crabgrass up to the 3-leaf stage at sites where turfgrass is cut relatively high.

Use Program 2 for preemergence control at sites where (a) turfgrass is cut relatively low (e.g., golf fairways), and (b) turfgrass maintenance or weed control has been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control and may also be used for early postemergence control up to crabgrass tillering at sites where turfgrass is cut relatively high.

Use Program 3 for preemergence control at sites where (a) turfgrass is cut relatively low (e.g., golf fairways) and (b) turf maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control and may also be used for early postemergence control up to crabgrass tillering at sites where turfgrass is cut relatively low (e.g., golf fairways). Make subsequent, sequential pre and/or postemergence applications where longer periods of control are desired. Split applications may also be made, with the rates in the Recommended Use Rates table being split across two applications made 5 to 10 weeks apart. Split applications may provide improved weed control.

Use Rate Table

Region	Application Rates	Program 1	Program 2	Program 3
All states except NY[a] and parts of states not listed in transition, south, coastal south or west.	**Number of square feet per water-soluble pouch per treatment**	29,040	21,780	14,520
	Number of pouches per acre	1.5[b]	2	3
	Pounds per acre	0.47	0.625	0.95
	Pounds ai/per acre	0.188	0.25	0.38
Transition - DE, KS, KY, MD, MO, NJ, VA, southeastern PA, southern areas of IL, IN, OH, & coastal areas of CT, & RI	**Number of square feet per water-soluble pouch per treatment**	21,780	14,520	10,900
	Number of pouches per treated acre	2	3	4
	Pounds per acre	0.625	0.95	1.25
	Pounds ai/per acre	0.25	0.38	0.5
South - AL, AR, GA, LA, MS, NC, NM, OK, SC, TN, & TX	**Number of square feet per water-soluble pouch per treatment**	14,520	21,780	17,424
	Number of pouches per acre	3	2 + 2[c]	2.5 + 2.5 [b,c]
	Pounds per acre	0.95	0.625 + 0.625	0.78 + 0.78
	Pounds ai/per acre	0.38	0.25 + 0.25	0.31 + 0.31

Coastal South – HI, FL, & southern coastal areas of AL, GA, LA, MS, NC, SC, & TX	**Number of square feet per water-soluble pouch per treatment**	21,780	17,424	14,520
	Number of pouches per acre	2 + 2[c]	2.5 + 2.5 [b,c]	3 + 3[c]
	Pounds per acre	0.625 + 0.625	0.78 + 0.78	0.95 + 0.95
	Pounds ai/per acre	0.25 + 0.25	0.31 + 0.31	0.38 + 0.38
WEST - AZ, CA, & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.	**Number of square feet per water-soluble pouch per treatment**	29,040 - 21,780	21,780 - 14,520	21,780
	Number of pouches per acre	1.5 - 2 [b]	2 - 3	2 + 2[c]
	Pounds per acre	0.47 - 0.625	0.625 - 0.95	0.625 + 0.625
	Pounds ai/per acre	0.18 - 0.25	0.25 - 0.38	0.25 + 0.25

a) In New York State, do not apply more than 2 water-soluble pouches per acre or 0.23 oz/1000 sq ft (0.625 lb/acre) per year.
b) The water-soluble bag should not be opened. The water -soluble bag is not designed to be re-measured or subdivided. Treat an appropriate number of acres to use a whole number of bags.
c) Preemergence applications totaling more than 0.5 lb ai/acre (greater than 1.25 lb/acre of Dimension Ultra 40WP) must be applied as a split application. The recommended interval for split applications is 5 to 10 weeks apart. Early postemergence applications are limited to 0.5 lb ai/acre (1.25 lb of Dimension Ultra 40WP) per application.

Maximum Use Rates (All Turf Uses)

- **Do not** apply more than 0.5 lb ai/acre per application or more than 1.5 lb ai/acre per year using split or sequential applications. This is equivalent to 4 water-soluble pouches per acre or 0.46 oz/1000 sq ft (1.25 lb/acre of product) per application, and 12 water-soluble pouches per acre or 1.38 oz/1000 sq ft (3.75 lb/acre of product) per year.

Poa Annua (annual bluegrass) Control

Apply Dimension Ultra 40WP for preemergence control of *Poa annua* (annual bluegrass) at a rate of 0.38 to 0.5 lbs active ingredient per acre. This is equivalent to 3 to 4 pouches per acre. Use the higher recommended use rates where weed infestations are dense and/or applications are made early and longer residual control is desirable.

- Apply 6 to 8 weeks before overseeding bermudagrass with perennial ryegrass. Specific to perennial ryegrass; not for *Poa trivialis* or bentgrass.
- Minimum seeding rate of perennial ryegrass is 400 lbs per acre.
- Use limited to fairways and roughs for *Poa annua* (annual bluegrass) control
- Perennial varieties of *Poa annua* (var. repens) may not be controlled as well as the true annual.
- Do not apply earlier than 16 weeks after over-seeding unless injury to the ryegrass can be tolerated.
- A follow-up treatment 16 weeks after overseeding offers an early season crabgrass treatment and helps suppress some winter annual broadleaf weeds

Use Directions for Noncropland and Industrial Sites

Apply Dimension Ultra 40WP for preemergence control of annual grasses and broadleaf weeds listed in Grass and Broadleaf Weeds Controlled Table in terrestrial noncrop areas including farm yards, fence rows, highway or roadside utility and railroad rights-of-way, airports, recreation areas, campgrounds, and industrial sites, lumber yards, tank farms, and storage areas.

Applied preemergence, Dimension Ultra 40WP controls weeds as they germinate. This product will not control established weeds. Apply prior to germination of target weeds or to bare ground. The best weed control is obtained when applications are made to soil that is free of clods, weeds and debris such as leaves. Prior to applying, control existing vegetation by cultivation, hand weeding, or use of a postemergence herbicide.

To be effective, Dimension Ultra 40WP must be activated by 1/2 inch or more of rainfall or irrigation prior to germination of target weeds. Once the treatment is activated, avoid excessive soil disruption that may break down the herbicide barrier. Minimal surface disruption such as raking should not break down the herbicide barrier.

Specific Use Precautions for Noncrop Areas

- 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.
- 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 or injury may result.

Application Rates:

Dimension Ultra 40WP		
Rate per acre	**Rate per 1000 sq ft**	**Square feet per water soluble pouch**
20 oz	0.46 oz	10,890

Sequential applications may be made at 3 to 4 month intervals for extended preemergence weed control. Do not exceed maximum use rates per year

Maximum Use Rates

- **Do not** apply more than 0.5 lb ai/acre per application or more than 1.5 lb ai/acre per year. This is equivalent to 4 water-soluble pouches per acre or 0.46 oz/1000 sq ft (1.25 lb/acre) per application, and 12 water-soluble pouches per acre or 1.375 oz/1000 sq ft (3.75 lb/acre) per year.
- **In New York State,** do not apply more than 0.25 lb ai per year. This is equivalent to 2 water-soluble pouches (0.625 lb/acre) per acre or 0.23 oz/1000 sq ft of Dimension Ultra 40WP.

Use Directions For Ornamentals (Landscape, Field Grown, and Container Grown)

Dimension® Ultra 40WP specialty herbicide provides preemergence control of listed annual grass and broadleaf weeds in areas planted with tolerant ornamental plants listed on this label. It is intended for use on plants being grown for aesthetic purposes in landscaped areas or in container or field grown production nurseries. When applied as directed, the ornamental plants listed on this label have shown tolerance to applications of Dimension Ultra 40WP herbicide.

Specific Use Precautions and Restrictions

- Apply this product only to established ornamentals (after transplanting when soil around roots has been thoroughly settled by rainfall or irrigation).
- **Do not** apply this product to bare roots of ornamental plants as injury may result.
- **Do not** incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- **Do not** apply to or around ornamental plants that have been weakened or are under stress (due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes or diseases).
- Drift or direct sprays of this product may injure foliage of non-target plants. **Do not** make applications when weather conditions favor drift to non-target areas.
- **Do not** apply this product to grasses grown for seed.
- **Do not** graze livestock or feed forage cut from areas treated with this product.
- **Do not** apply this product in enclosed structures and greenhouses.
- **Do not** apply more than 0.5 lb ai/acre per application or more than 1.5 lb ai/acre per year. This is equivalent to 4 water-soluble pouches per acre or 0.46 oz/1000 sq ft (1.25 lb/acre) per application, and 12 water-soluble pouches per acre or 1.375 oz/1000 sq ft (3.75 lb/acre) per year.
- **In New York State,** do not apply more than 0.25 lb ai per year. This is equivalent to 2 water-soluble pouches (0.625 lb/acre) per acre or 0.23 oz/1000 sq ft of Dimension Ultra 40WP

Treatment of Turf or Ornamental Species not listed on the Label for Dimension Ultra 40WP
Although this label contains a large number of ornamental species, it is not possible to include all of the ornamental plants that may be encountered in nursery or landscape settings. Users who wish to use this product on a plant species not listed on this label may determine the suitability for such use by treating a small area or small number of plants at a recommended rate. Prior to treatment of larger areas, the treated area/plants should be observed for any sign of herbicidal injury during 30 to 60 days of typical growing conditions. **The user assumes the responsibility for any plant damage or other liability resulting from use of Dimension Ultra 40WP on species not recommended on this label.**

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

Application Timing

Apply Dimension Ultra 40WP as a directed or over the top spray around established ornamentals as directed on the tolerance ornamentals table. When making directed spray applications, direct spray to the soil at the base of the ornamentals avoiding contact or drift to foliage.

To reduce injury potential:

- Apply product with calibrated equipment using a minimum of 2 gallons of water per 1000 square feet.
- After application apply overhead irrigation to activate the herbicide and wash Dimension Ultra 40 WP from plant surface onto soil surface.
- In the spring when buds are rapidly growing and expanding, over the top application of Dimension Ultra 40 WP may temporarily injure new growth of desirable plants. To reduce the possibility of injury at this time, wait to apply Dimension Ultra over the top of newly emerged vegetation until it has hardened off, unless your experience indicates that the ornamental plant will not be injured by over the top application.
- Do not apply to plants that are under stress such as heat, drought or frost damage.

Dimension Ultra 40WP is a preemergence herbicide that will control germinating weeds. It will not control weeds that are established. Make applications prior to weed seed germination. The best weed control is obtained when applications are made to soil that is free of clods, weeds and debris such as leaves. Prior to making an application, existing vegetation should be controlled by hand weeding, by cultivation or with a postemergence herbicide. Once an application of this product has been made, do not disturb

the soil surface as the herbicide barrier will be broken. Care must be taken that soil or planting mixes have settled firmly following transplanting and that there are no cracks that would allow direct contact of this product and plant roots.

Application Rates

Make applications prior to germination of target weed species in spring, summer or fall. Sequential applications may be made at 3 to 4 month intervals to maintain weed control. Do not exceed maximum use rates per year

Apply Dimension Ultra 40WP with a calibrated sprayer that will assure accurate, uniform, spray distribution. In general, Dimension Ultra 40WP should be thoroughly mixed with clean water at 4 water-soluble pouches per acre or 0.46 oz of product /1000 square feet (1.25 lb/acre) per application and applied at 20 to 40 psi in a minimum of one gallon of water per 1000 square feet. One 5 ounce water-soluble pouch treats 10, 890 square feet. This product may be applied as a single application or as a split application prior to weed seed germination.

Application Rates:

Dimension Ultra 40WP		
Rate per acre	**Rate per 1000 sq ft**	**Square feet per water soluble pouch**
20 oz	0.46 oz	10,890

Maximum Use Rates

- **Do not** apply more than 0.5 lb ai/acre per application or more than 1.5 lb ai/acre per year using split or sequential applications. This is equivalent to 4 water-soluble pouches per acre or 0.46 oz/1000 sq ft (1.25 lb/acre) per application, and 12 water-soluble pouches per acre or 1.375 oz/1000 sq ft (3.75 lb/acre) per year.
- **In New York State,** do not apply more than 0.25 lb ai per year. This is equivalent to 2 water-soluble pouches (0.625 lb/acre) per acre or 0.23 oz/1000 sq ft of Dimension Ultra 40WP.

Tolerant Ornamentals

When applied as directed under the conditions described on this label, ornamentals listed below have shown tolerance.

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
abelia, dwarf *(Abelia x grandiflora)*	nana		x		x
abyssinian red banana *(Ensete ventricosum)*	maurelii	x	x	x	x
Ajuga carpet bugle *(Ajuga reptans)* *(Ajuga genevensis)*	 bronze bronze beauty		 x x		 x x
almond, flowering *(Prunus gladulosa)*			x		x
apple† *(Malus pumila)*			x		x
arborvitae *(Thuja occidentalis)*	nigra pyramidalis smaragh techny woodwardii		x x x x x		x x x x x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
arborvitae, dwarf golden *(Thuja orientalis)*	aurea nana	x	x	x	x
ash, green *(Fraxinus pennsylvanica)*			x		x
ash, autumn purple *(Fraxinus americana)*	autumn purple		x		x
aster, Chinese *(Callistephus chinensis)*	dwarf queen		x		x
azalea *(Rhododendron* spp.*)*	brilliant		x		x
	buccaneer		x		x
	carror		x		x
	chimes (Belgian)		x		x
	Elsie Lee		x		x
	exbury		x		x
	fashion		x		x
	hardijzer beauty		x		x
	hershey red		x		x
	higasa		x		x
	hinocrimson		x		x
	Holland (hybrid)		x		x

	Marion Lee northern lights orange cup orchid lights snow southern charm		x x x x x x		x x x x x x
azalea, flame *(Rhododendron calendulaceum)*			x		x
azalea, kirishima *(Rhododendron obtusum*)			x		x
bamboo, heavenly *(Nandina domestica*)	compacta nana		x x		x x
barberry, Japanese *(Berberis thunbergii)*	aurea dwarf pygmy green kobold pygmy red rose glow		x x x x x x		x x x x x x
barberry, purple *(Berberis thunbergii* var atropurpurea)	atropurpurea		x		x
basket flower *(Gaillardia grandiflora)*			x		x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
beach grass *(Ammophila breviligulata)*			x		x
bearberry (common) *(Arctostaphylos uva-ursi)*	Massachusetts		x		x
bee balm *(Monarda didyma)*			x		x
begonia *(Begonia* spp.)			x		x
birch, river *(Betula nigra)*			x		x
blackeyed Susan *(Rudbeckia hirta)*	goldstrum		x		x
blanket flower *(Gaillardia* spp.)			x		x
blue fescue *(Festuca ovina*			x		x
blueberry† *(Vaccinium* spp.)	bluecrop blue jay		x x		x x

	Jersey north blue northland		x x x		x x x
bottlebrush *(Callistemon citrinus)*	Little John	x	x	x	X
bougainvillea *(Bougainvillea spectabilis)*	James Walker Scarlet O' Hara	 x	x x	 x	x x
boxwood *(Buxus microphylla*)	japonica		x		X
boxwood, green beauty *(Buxus microphylla japonica)*	green beauty	x	x	x	x
boxwood, welleri *(Buxus sempervirens)*	winter gem	x	x	x	x
broom *(Cytisus scoparius*) *(Genista pilosa)*	 moonlight Vancouver gold		 x x		 x x
camellia *(Camellia japonica*) *(Camellia sasanqua)*	 debutante mathotiana supreme chansonette setsukgekka	 x x	 x x x x	 x x	 x x x x
candytuft *(Iberis sempervirens*)	snow white		x		x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
carex, variegated *(Carex spp.)*			x		x
carpet bugle *(Ajuga reptans)* *(Ajuga genevensis)*	bronze bronze beauty		x x		x x
cedar, red *(Juniperus virginiana)*			x		x
celosia *(Celosia* spp.)			x		x
centaura *(Centaurea montana)*			x		x
cockscomb, plumosa *(Celosia cristata)*	scarlet plumosa		x		x
coleus *(Coleus blumei)*	red kewpie		x		x
columbine *(Aquilegia* spp.)			x		x
coneflower, purple *(Echinacea purpurea)*	magnus purple	x	x x	x	x x

copper leaf *(Acalypha wilkesiana)*			x		x
coreopsis *(Coreopsis* spp.)	moonbeam		x		x
corn flower *(Centaurea* spp.)			x		x
cotoneaster *(Cotoneaster apiculatus)*			x		x
coyotebrush *(Baccharis pilularis)*			x		x
cycad *(Cycas revoluta)*			x		x
cypress, bald *(Taxodium distichum)*			x		x
cypress, hinoki false *(Chamaecyparis obtusa)*	gracilis torulosa	 x	x x	 x	x x
cypress, Italian *(Cupressus sempervirens)*	glauca		x		x
cypress, leyland *(Cupressocyparis leylandii)* *hybrid*			x		x
daffodil *(Narcissus* spp.)	King Alfred		x		x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
daylilly *(Hemerocallis* spp.)	Aztec gold bright yellow (hybrid) single gold (evergreen) Wilson's yellow		x x x x		x x x x
dianthus (sweet William) *(Dianthus* spp.)			x		x
delphinium *(Delphinium* spp.)	magic fountain		x		x
dogwood *(Cornus florida)*			x		x
dogwood, American *(Cornus sericea)*	flavarimea		x		x
Douglas fir *(Pseudotsuga menziesii)*			x		x
dusty miller *(Senecio cineraria)*		x	x	x	x
elm *(Ulmus parvifolia)*	drake		x		x

eulaliagrass *(Miscanthus sinensis)*	maiden grass	x	x	x	x
euonymus *(Euonymus japonicus)* *(Euonymus fortunei)*	Argenteo-variegata Auereomarginata colorata emerald gaiety emerald n' gold gold edge gold princess Manhattan silver king tricolor vegetus	 x	x x x x x x x x x x x	 x	x x x x x x x x x x x
euryops, green leaved *(Euryops pectinatus)*	viridis	x	x	x	x
fan palm, European *(Chamaerops humilis)*			x		x
fan palm, Mexican *(Washingtonia robusta)*			x		x
fern (various) *(Asparagus* spp.)			x		x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
fescue *(Festuca glauca)*			x		x
fetterbush *(Leucothoe fontanesiana)*	rainbow		x		x
ficus *(Ficus retusa)*	nitidia		x		x
fir fraser *(Abies fraseri)*			x		x
Forsythia (*Forsythia* x 'Arnold Dwarf) *(Forsythia viridissima)* *(Forsythia xintermedia)* *(Forsythia x 'Meadowlark')* *(Forsythia x intermedia)* *(Forsythia suspensa)*	 arnold dwarf bronxensis dwarf lynwood gold meadowlark spring glory weeping	 x 	 x x x x x x	 x 	 x x x x x x
fountain grass, purple *(Pennisetum setaceum)*	rubrum	x	x	x	x
fuchsia *(Fuchsia spp.)*			x		x

galium *(Galium ordoratum)*			x		x
gardenia *(Gardenia jasminoides)*	mystery radicans white gem	 x	x x x	 x	x x x
Garlic, variegated society *(Thulbaghia violacea)*	variegata	x	x	x	x
geranium *(Pelargonium x hortorum)*			x		x
gum *(Eucalyptus citriodora)*			x		x
hawthorn *(Crataegus* spp.)	cockspur white crimson cloud enchantress Jack Evans Washington white		x x x x x		x x x x x
hawthorn, Indian *(Rhaphiolepsis indica)*	ballerina	x	x	x	x
heather, twisted *(Erica cinerea)*	Mediterranean pink		x		x
hemlock, Canada *(Tsuga canadensis)*			x		x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
hibiscus *(Hibiscus spp.)*	blue bird brilliant hula girl		x x x		x x x
holly *(Ilex x 'Nellie R. Stevens')* *(Ilex x attenuata)*	Nellie R. Stevens fosteri Savannah	x	x x x	x	x x x
holly, blue *(Ilex x meserveae)*	blue boy blue girl China girl		x x x		x x x
holly, cassine *(Ilex cassine)*		x	x	x	x
holly, Chinese *(Ilex cornuta)*	burfordii needlepoint		x x		x x
holly, Japanese *(Ilex crenata)*	compacta hellerie Japanese northern beauty steeds	 x	x x x x	 x	x x x x

holly, yaupon *(Ilex vomitoria)*			x		x
honeysuckle *(Lonicera* xylosteum *)* *(Lonicera japonica)* *(Lonicera tatarica)*	 Claveyí dwarf halliana Canadian white Zabelli		 x x x x		 x x x x
hosta (Hosta sieboldii) *(Hosta lancifolia)*	 albo marginata		 x x		 x x
ice plant *(Carpobrotus edulis)*		x	x	x	x
ice plant, white trailing *(Delosperma alba)*		x	x	x	x
impatiens *(Impatiens spp.)*			x		x
iris *(Iris spp)*	dwarf blue wedgewood		x x		x x
ivy, English *(Hedera helix)*	Bulgaria thorndale		x x		x x
jasmine, Asian *(Trachelospermum asiaticum)*			x		x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
jasmine, star *(Trachelospermum jasminoides)*			x		x
juniper (*Juniperus* spp.)	Arcadia		x		x
	Armstrong		x		x
	bar harbor		x		x
	blue chip		x		x
	blue Pacific		x		x
	blue rug		x		x
	blue star		x		x
	broadmoor		x		x
	buffalo		x		x
	calgary carpet		x		x
	emerald sea		x		x
	emerald spreader		x		x
	endora compacta		x		x
	fruitlandi		x		x
	green		x		x
	gold tip		x		x
	hetzi		x		x
	hughes		x		x
	Manhattan blue		x		x

	parsoni pfitzeriana plumosa Prince of Wales procumbens dwarf San Jose sargent blue sargent green scandia scopulorum moonglow spartan tamariscifolia weberi Youngstown Yukon belle		x x x x x x x x x x x x x x x		x x x x x x x x x x x x x x x
juniper *(Juniperus chinensis)*	gold coast torulosa – Hollywood twisted	x x	x x	x x	x x
juniper *(Juniperus procumbnes nana)*	prostrate Japanese garden	x	x	x	x
juniper *(Juniperus sabina 'tamariscifolia')*	tamarix	x	x	x	x
juniper *(Juniperus scopulorum)*	scopulorum skyrocket	x	x	x	x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
king palm *(Archontophoenix cunninghamiana)*		x	x	x	x
laurel, Carolina cherry *(Prunus caroliniana)*	bright n' tight	x	x	x	x
laurel, mountain *(Kalmia latifolia)*			x		x
leucothoe *(Leucothoe fontanesiana)*			x		x
ligustrum, Japanese *(Ligustrum japonicum)*			x		x
lily *(Agapanthus spp.)*	streamline		x		x
Lily of the Nile *(Agapanthus africanus)*	albus Peter Pan		x x		x x
lilyturf *(Liriope muscari)*	evergreen giant lilac beauty majestic monroe white	 x 	x x x x	 x 	x x x x

	silvery sunproof variegata	x	x x	x	x x
lilyturf, creeping *(Liriope spicata)*			x		x
maple, amur *(Acer ginnala)*	emerald elf	x	x	x	x
maple, Japanese *(Acer palmatum)*			x		x
maple, Norway *(Acer platanoides)*			x		x
maple, red† *(Acer rubrum)*	red sunset	x	x	x	x
maple, silver *(Acer saccharinum)*			x		x
maple sugar† *(Acer saccharum)*			x		x
marigold *(Tagetes patula)*	honeycomb variegata wheelerís dwarf		x x x		x x x
mock orange† *(Philadelphus spp)*	golden snowflake double white		x x		x x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
mondo grass *(Ophiopogon japonicus)*			x		x
moss rose *(Portulaca grandiflora)*	sunnyside		x		x
mountainash *(Sorbus aucuparia)*			x		x
myrtle, crape *(Lagerstroemia indica)*	faurei langer muskogee standard pink		x x x x		x x x x
myrtle, wax *(Myrica californica)*			x		x
narcissus *(Narcissus spp.)*			x		x
oak, laurel *(Quercus laurifolia)*			x		x
oak, pin *(Quercus palustris)*			x		x

oak, red *(Quercus rubra)*			x		x
oak, southern *(Quercus virginiana)*			x		x
oak, willow *(Quercus phellos)*			x		x
oleander *(Nerium oleander)*	hardy red petite pink sister agnes		x x x		x x x
osteospermum *(Osteospermum fruticosum)*	whirligig		x		x
pachysandra *(Pachysandra terminalis)*			x		x
palm, bangalow *(Archontophoenix cuninghamiana)*			x		x
palm, queen *(Syagrus romanzoffianum)*		x	x	x	x
pampas grass *(Cortaderia selloana)*			x		x
pansy *(Viola x wittrockiana)*			x		x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
paper flower *(Bougainvillea glabra)*	Barbara Karst	x	x	x	x
peach† *(Prunus persica)*			x		x
periwinkle, dwarf *(Vinca minor)*			x		x
petunia *(Petunia x hybrida)*	picoti		x		x
photinia, red tip *(Photinia x fraseri)*			x		x
pieris *(Pieris taiwanensis)*			x		x
pieris, Japanese *(Pieris japonica)*	mountain fire		x		x
pine, Afghan *(Pinus eldarica)*		x	x	x	x
pine, Austrian black *(Pinus nigra)*		x	x	x	x

pine, Japanese black *(Pinus thunbergiia)*			x		x
pine, loblolly *(Pinus taeda)*			x		x
pine, longleaf *(Pinus palustris)*			x		x
pine, mugo or Swiss Mt. *(Pinus mugo)*			x		x
pine, Scotch *(Pinus sylvestris)*			x		x
pine, slash *(Pinus elliottii)*			x		x
pine, Virginia *(Pinus virginiana)*			x		x
pine, white *(Pinus strobus)*		x	x	x	x
pineapple, guava† *(Feijoa sellowiana)*			x		x
pittosporum, tobira *(Pittosporum tobira)*	Wheeler's dwarf	x	x	x	x
plumbago, cape *(Plumbago auriculata)*	royal cape	x	x	x	x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
potentilla *(Potentilla fruticosa))* *(Potentilla nepalensis)*	abbotswood		x *x*		x *x*
privet *(Ligustrum x vicaryii)* *(Ligustrum japonicum)*	golden vicary regal texanum yellow tipped	x	x x x x	x	x x x x
privet, glossy *(Ligustrum lucidum)*			x		x
Pyracantha or firethorn *(Pyricantha x 'Gnome')* *(Pyricantha coccinea)* *(Pyracantha koidzumii)*	gnome lalandei victory	x	x x x	x	x x x
queen palm *(Arecastrum rammanzoffianum)*			x		x
quince, Japanese† *(Chaenomeles japonica)*			x		x

Rhododendron *(Rhododendron spp)*	album Cunningham white PJM purple gem silvery pink		x x x x x		x x x x x
rhododendron, Carolina *(Rhododendron carolinianum)*			x		x
rhododendron, catawba *(Rhododendron catawbiense)*			x		x
rhododendron, rhodie max – rosebay *(Rhododendron maximum)*			x		x
ribbon grass *(Phalaris arundinacea)*			x		x
rockcress *(Arabis caucaisca)*	snowcap		x		x
rose† *(Rosa banksiae)*	luta		x		x
rose, knockout shrub *(Rosa* spp. hybrid)	knockout	x	x	x	x
rosemary† *(Rosmarinus officinalis)*			x		x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
rosemary, bog *(Andromeda polifolia)*	nana		x		x
salvia *(Salvia farinacea)*	rhea		x		x
sedum *(Sedum spurium)*	dragon blood red red carpet yellow		x x x		x x x
smoketree, royal purple *(Cotinus coggygria)*	royal purple		x		x
snapdragon *(Antirrhinum* spp.)			x		x
snowball, common *(Viburmum opulus)*	sterile	x	x	x	x
sourwood *(Oxydendrum arboreum)*			x		x
spiraea *(Astilbe X arendsii)*	fanall		x		x
spiraea *(Spiraea* spp.)	Anthony Waterer red dolchica		x x		x x

	froebeli pink goldenflame red snowmound white Van Houtte white		x x x x		x x x x
spiraea, garland *(Spiraea x arguta)* .)			x		x
spruce, Black Hills *(Picea glauca var densata)*			x		x
spruce, Colorado blue *(Picea pungens)*	glauca	x	x	x	x
spruce, Norway *(Picea abies)*			x		x
spruce, white *(Picea glauca)*	conica		x		x
sweetflag grass *(Acorus calimus)*			x		x
sweetgum *(Liquidambar styraciflua)*			x		x
sycamore, American *(Platanus occidentalis)*			x		x
tea tree, New Zealand *(Leptospermum scoparium)*	ruby glow	x	x	x	x

Tolerant Ornamentals (Cont.)

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Container Grown**	**Field/ Landscape Grown**
tree fern (tiki fern) *(Asparagus virgatus)*			x		x
trumpet flower or Carolina Jessamine *(Gelsemium sempervirens)*			x		x
tulip *(Tulip spp)*	apeldoorn		x		x
tufted hairgrass *(Deschampsia caespitosa)*			x		x
verbena, shrub *(Lantana sellowiana)*			x		x
Verbena, St. Paul's *(Verbena peruviana.)*	St. Paul		x		x
viburnum *(Viburnum* spp.)	American cranberry bush arrowood European cranberry bush linden Mohican wright		x x x x x x		x x x x x x

vinca (periwinkle) *(Vinca minor)*			x		x
windmill palm *(Trachycarpus fortunei)*			x		x
xylosma *(Xylosma congestum)*			x		x
yarrow *(Achillea* spp.)			x		x
yaupon *(Ilex vomitoria)*	dwarf		x		x
yew *(Taxus cuspidata)* *(Taxus x media)*	 capitata denisiformis	x	 x x	x	 x x

†Ornamental species only. Do not use on food-producing trees and plants.

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

Warranty Disclaimer

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent permitted by law, Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Crop 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 the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. To the extent permitted by law, all such risks shall be assumed by buyer.

Limitation of Remedies

To the extent permitted by 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 Dow AgroSciences' election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent permitted by law, Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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Contents In Plastic
Do Not Cut To Open

Dow AgroSciences

Dimension® Ultra 40WP

Specialty Herbicide

Provides control of listed annual grasses and broadleaf weeds in:
- **Established lawns**
- **Commercial sod farms**
- **Non-cropland and industrial sites**
- **Ornamental turf (including golf course fairways, roughs, and tee boxes)**
- **Container grown ornamentals**
- **Field-grown ornamentals**
- **Landscape ornamentals**

In New York State, this product may only be used by commercial applicators at no more than 0.625 pounds per acre per year (10 ounces) or 2 water-soluble pouches per acre per year (0.25 pounds active ingredient).

Active Ingredient	
dithiopyr: 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-, S,S-dimethyl ester	40.0%
Other Ingredients	60.0%
Total	100.0%

Each 5 ounce water-soluble pouch contains 0.125 lb of active ingredient.

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Eye Irritation •Harmful If Absorbed Through The Skin

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing dust. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE):
Applicators and other handlers (other than mixer loaders) must wear:
- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Mixer and Loaders must wear:
- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meet the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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: 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 or clothing: 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 swallowed: 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 a unconscious person.
If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

Environmental Hazards

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. 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 apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.
Pesticide Storage: Store this product only in its original container in a dry, cool, secured storage area. Store this product above 32°F.
Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal

Storage and Disposal (Cont.)

facility.
Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Refer to label booklet for Directions for Use.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

(DG) (49)

EPA Reg. No. 62719-445 EPA Est. 065387-AR-001; 5905-GA-01
Superscripts correspond to places 7 and 8 of lot number.

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Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

8 x 8 x 5 oz Water-Soluble Pouches

00172853

Dow AgroSciences

Dimension® Ultra 40WP

Specialty Herbicide 8 x 8 x 5 oz Water-Soluble Pouches

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- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

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Storage and Disposal (Cont.)

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Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-445 EPA Est. 065387-AR-001; 5905-GA-01 (0G) (49)
Superscripts correspond to places 7 and 8 of lot number.

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Produced for
Dow AgroSciences LLC
9330 Zionsville Road
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8 x 8 x 5 oz Water-Soluble Pouches