Dow AgroSciences

Dimension® 2EW

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 but not limited to golf course fairways, roughs, tee boxes) • Container grown ornamentals • Field-grown ornamentals • Landscape ornamentals.

In New York State, this product may be used by commercial applicators only at no more than 2 pints (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).

Active Ingredient
dithiopyr: S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate 24%
Other Ingredients 76%
Total 100%

Contains petroleum distillates
Contains 240 grams per liter or 2 lb active ingredient per U.S. gallon.

Keep Out of Reach of Children

WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

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.

For additional Precautionary Statements, First Aid, Storage and Disposal and other use information, see inside the back bottle label.

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.

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

EPA Reg. No. 62719-542 EPA Est. 5905-IA-01
900-017095 / 00278778

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

Net Contents 0.5 gal

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2012-2014 LIC. NO.

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STATE OF HAWAII

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9786.260

(01) 0 06 62974 59202 0

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

Causes Skin Irritation • Causes Moderate Eye Irritation • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals

Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical-resistance category selection chart.

WPS Uses: Applicators and other handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses are covered - must wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves ≥14 mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear plus socks

WPS Uses: Mixers and loaders must wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves ≥14 mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear plus socks
- Chemical-resistant apron

Non-WPS Uses: Applicators and other handlers, mixers and loaders who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses are covered - must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves >14 mils such as barrier laminate or butyl rubber

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

Engineering Controls

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (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 clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

User Safety Recommendations (Cont.)

- 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 on skin or on 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 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.

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.

Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

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 be hazardous to aquatic organisms in water adjacent to treated areas. 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 washwater or rinsate.

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.

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,

Agricultural Use Requirements (Cont.)

and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protective equipment, restricted-entry interval, and notification to workers (as applicable). 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.

For early entry into 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, wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves $\geq$14 mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear 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

Non-Agricultural Use Requirements (Cont.)

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, food, or feed by storage and disposal.
Pesticide Storage: Store this product only in its original container in a dry, cool, secured storage area. Store this product above 32°F to avoid crystallization.
If crystals form or product freezes, move product to area with ambient temperature above 32°F and shake well until crystals have dissolved.
Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.
Triple rinse or pressure rinse container (or equivalent) promptly after emptying.
Triple rinse as follows: Empty the remaining contents into application

Storage and Disposal (Cont.)

equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Product Information

Dimension® 2EW specialty herbicide provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns, commercial sod farms, non-cropland and industrial sites, ornamental turf (including but not limited to golf course fairways, roughs, tee boxes), container-grown ornamentals, field-grown ornamentals, and landscape ornamentals.

This product will not control established weeds, except for emerged crabgrass, up to initiation of tillering. This stage of growth for crabgrass generally corresponds to the time when crabgrass 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 used by commercial applicators only at no more than 2 pints (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).

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

Mixing Directions

Dimension 2EW Alone with Water as the Carrier

Fill a previously cleaned spray tank with water to about three-fourths of the desired volume. Add the recommended amount of Dimension 2EW to the tank. Complete the filling process while maintaining agitation. Remove the hose

from the mixing tank immediately after filling to avoid siphoning back into the water source.

Dimension 2EW Alone with Fluid Fertilizer as the Carrier

Determine the compatibility of Dimension 2EW with the desired fluid fertilizer by mixing small proportional quantities in advance. See the Physical Compatibility Test section of this label. Then follow the mixing procedure listed below for tank mixtures.

Tank Mixtures

Dimension 2EW 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 Mix Combinations
Tank mix with Gallery® 75 DF and apply preemergence to ornamental areas to control a wider spectrum of broadleaf weeds. Tank mix combinations with glyphosate (such as Accord XRT II) and other labeled herbicides may be used to control undesirable vegetation in ornamental areas. Applied as directed, Dimension 2EW plus glyphosate will provide postemergence control of susceptible weed species listed on the label for glyphosate and residual preemergence control of susceptible weed species listed on the label for Dimension 2EW. Refer to the label for glyphosate for specific use directions, precautions, and limitations before use. Precautions: Do not apply sprays containing glyphosate over the top of ornamental plants. Extreme care must be exercised to prevent sprays containing glyphosate from coming in contact with foliage and stems of turfgrasses, trees, shrubs, or other desirable vegetation since severe damage or death may result. If spraying with glyphosate in areas adjacent to desirable plants, use a shield to prevent spray from contacting foliage and stems of desirable plants. The addition of a nonionic surfactant may improve control. Always read and follow the surfactant manufacturer's label recommendations.

When tank mixing Dimension 2EW with other materials, a compatibility test (jar test) using relative proportions of the tank mix ingredients should be conducted prior to mixing ingredients in the spray tank. See the Compatibility Test Mixing Instructions section of this label.

Mixing Order for Tank Mixes: Place a 20 to 35 mesh screen or wetting basket over the filling port. Fill the spray tank 1/2 full with the appropriate carrier. Start agitation. Slowly add different formulation types in the order indicated below, allowing time for complete dispersion and mixing after addition of each product.

1. Compatibility agent (if needed)
2. Wettable powder or water dispersible granules (if used)
3. Suspension concentrates
4. Dimension 2EW and liquid (emulsifiable concentrate or liquid concentrate) pesticide (if used)
5. Water solutions

During the final filling of the tank, add water soluble liquid pesticide formulations (if used), followed by surfactants, marker dyes or foams, or drift control additives. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the carrier source. Maintain continuous agitation during mixing, final filling and throughout application. If spraying and agitation must be stopped before the spray tank is empty, the materials may settle to the bottom. Settled materials must be resuspended before spraying is resumed.

Premixing: Dry and flowable formulations should be premixed with water (slurried) and added to the spray tank through a 20 to 35 mesh screen. This procedure assures good initial dispersion of these formulation types. If a liquid (emulsifiable concentrate, liquid concentrate, flowable) pesticide formulation is used, premix it with one part water before adding to the spray tank.

Physical Compatibility Test

Before mixing this product with fluid fertilizers and/or other pesticides, test compatibility by mixing all the components in a small jar in proportionate quantities.

Compatibility Test Mixing Instructions

Pesticide Formulation	If	Amount of Pesticide added to Spray Carrier (assuming volume is 25 gpa) ADD:
	Rate per Acre is:	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 the jar based on use rate ratios in table. For a use rate of 1 lb per acre of dry pesticide, add 1 1/2 teaspoons to the jar. For a use rate of 1 quart per acre of liquid pesticide, add 1 teaspoon to the jar. Dimension 2EW 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 after mixing.

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, a compatibility agent should be used.

Repeat the above compatibility test with a suitable compatibility agent (1/2 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 2EW

Used as directed, Dimension 2EW controls annual grass and broadleaf weeds listed in the table below if applied preemergence. This product will not control emerged broadleaf weeds or grasses (except for crabgrass prior to tillering stage of growth). Therefore, the area to be treated must be free of weeds prior to application.

Common Name	Scientific Name
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 glaucum*
goosegrass	*Eleusine indica*
Grasses (Cont.)	
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.
carpetweed	*Mollugo verticillata*
chickweed	*Stellaria* spp.
dandelion	*Taraxacum officinale*
geranium, Carolina	*Geranium carolinianum*
henbit	*Lamium* spp.
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*

Common Name	Scientific Name
Broadleaf Weeds (Cont.)	
rocket, London	*Sisymbrium irio*
shepherdspurse	*Capsella bursa-pastoris*
sowthistle	*Sonchus oleraceus*
speedwell, corn	*Veronica arvensis*
spurge, garden	*Euphorbia hirta*
spurge, prostrate	*Euphorbia humistrata*
spurge, spotted	*Euphorbia maculata*
willowherb	*Epilobium* spp.
woodsorrel, creeping	*Oxalis corniculata*
woodsorrel, yellow	*Oxalis stricta*

Uses

Turfgrass

Use Dimension 2EW on seeded, sodded, or sprigged lawns and ornamental turfgrass 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 to golf course putting greens.
- Dimension 2EW will prevent the germination of annual bluegrass. Dimension 2EW 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 2EW may contribute to the thinning or stand reduction in established stands of annual bluegrass.
- It is recommended that sod be established for at least 6 months before applying Dimension 2EW.
- Do not apply this product within 3 months of harvesting sod.
- Early postemergence applications of this product will control crabgrass only if applied prior to the fifth leaf (first tiller) stage of growth.
- For best results, cultural practices that disturb the soil, such as verticutting and core-, spike-, or hydro-aerification, should be done before applying this product.
- Do not apply this product until the turfgrass has recovered from cultural practices such as verticutting or core-, spike-, or hydro-aerification.

- Do not use clippings from treated turf for mulching around vegetables or fruit trees.
- Do not apply more than 0.73 oz of Dimension 2EW per 1000 sq ft (2 pints per acre) per application.
- Do not apply more than 2.2 oz of Dimension 2EW per 1000 sq ft (6 pints per acre) per year using split or sequential applications.
- In New York State, do not apply more than 2 pints of Dimension 2EW (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).

Dimension 2EW should only be applied to turf that is composed of the following turfgrass species that have been determined to be tolerant to application 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	*Lolium arundinaceum*
ryegrass, perennial	*Lolium perenne*

Established Warm Season Turfgrasses

Common Name	Scientific Name
bahiagrass	*Paspalum notatum*
Bermudagrass†††	*Cynodon dactylon*

Established Warm Season Turfgrasses (Cont.)

Common Name	Scientific Name
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 undesirable turf injury may result. 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 undesirable turfgrass injury may result. 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 within 4 months after a split application program totaling more than 0.73 oz per 1000 sq ft (2 pints per 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

Apply Dimension 2EW 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.

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 crabgrass emergence in established lawns and ornamental turf. This product also provides early postemergence control of crabgrass during early crabgrass seedling growth following emergence. However, it is often difficult to observe very small crabgrass seedlings at early stages of growth in well-established turfgrass. Early postemergence crabgrass control is obtained only when this product is applied prior to the tillering of crabgrass (less than 5 leaves per plant), which generally corresponds to the time when crabgrass seedlings are easily observed in 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 Early Postemergence Control:
Application of this product alone provides early postemergence control of crabgrass when treated prior to reaching the tillering stage of growth. If applied in combination with either MSMA herbicide or Acclaim herbicide, control of crabgrass with up to 3 tillers may be achieved.

If preemergence herbicides have been applied prior to a postemergence application, use the applicable Program 1 or Program 2 use rate of Dimension 2EW for your area; otherwise, apply the Program 3 use rate in combination with MSMA or Acclaim.

A compatibility test (see Compatibility Test in Mixing Directions section) is suggested before tank mixing this product with fluid fertilizers and/or either MSMA or Acclaim. Refer to the labels for MSMA or Acclaim for information on tolerance of specific turfgrass species. 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, a split application, or a sequential application for crabgrass control in the spring, summer, or fall.

Early Summer or Spring Application: For applications made in the spring or early summer, apply Dimension 2EW at the appropriate rate corresponding to one of the three control programs listed in the table below. The rate used depends upon 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 upon weather, weed pressure, turfgrass competitiveness, and the user's location within a region.

Late Summer or Fall Application: 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. A fall application followed by an appropriately timed spring application provides 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 Use Rate table.

Program 1: Use Program 1 for preemergence control in turfgrass that is cut relatively high (e.g., residential lawns). This program provides 3 to 5 months of preemergence crabgrass control and also provides early postemergence control of crabgrass up to the 3-leaf stage at sites where turfgrass is cut relatively high. Split applications may also be made, with the rates in the Use Rates table being split across two applications made 5 to 10 weeks apart. Split applications may provide improved weed control.

Program 2: Use Program 2 for preemergence control in turf: (a) where turfgrass is cut relatively low (e.g., golf fairways); and (b) where turfgrass maintenance or weed control has been conducted during the previous year.

This program provides 4 to 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. Split applications may also be made, with the rates in the Use Rates table being split across two applications made 5 to 10 weeks apart. Split applications may provide improved weed control.

Program 3: Use Program 3 for preemergence control in turf: (a) where turfgrass is cut relatively low (e.g., golf fairways); and (b) where turf maintenance or weed control was not conducted during the previous year. This program provides 4 to 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 Use Rates table being split across two applications made 5 to 10 weeks apart. Split applications may provide improved weed control.

Use Rate Table
Note: 1 oz equals 6 teaspoons

Region	Application Rates	Program 1	Program 2	Program 3
All states, except NY †	pt/acre	.75	1	1.5
and parts of states	oz/1000 sq ft	0.28	0.37	0.55
not listed in transition, south, coastal south or west	lb ai/acre	0.188	0.25	0.38
Transition: DE, KS,	pt/acre	1	1.5	2†
KY, MD, MO, NJ, VA,	oz /1000 sq ft	0.37	0.55	0.73†
southeastern PA, southern areas of IL,	lb ai/acre	0.25	0.38	0.5†
IN, OH, coastal areas of CT, & RI				
South: AL, AR, GA, LA,	pt/acre	1.5	1 + 1	1.2 + 1.2
MS, NC, NM, OK, SC,	oz /1000 sq ft	0.55	0.37 + 0.37	0.46 + 0.46
TN, TX	lb ai/acre	0.38	0.25 + 0.25†	0.31 + 0.31†

Use Rate Table (Cont.)
Note: 1 oz equals 6 teaspoons

Region	Application Rates	Program 1	Program 2	Program 3
Coastal South: HI, FL, southern coastal areas of AL, GA, LA, MS, NC, SC, TX	pt/acre	1 + 1	1.25 + 1.25	1.5 + 1.5
	oz /1000 sq ft	0.37 + 0.37	0.46 + 0.46	0.55 + 0.55
	lb ai/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.	pt/acre	0.75 + 1	1 + 1.5	1 + 1
	oz /1000 sq ft	0.28 + 0.37	0.37 + 0.55	0.37 + 0.37
	lb ai/acre	0.18 + 0.25	0.25 + 0.38	0.25 + 0.25

† **In New York State, this product may be used by commercial applicators only at no more than 2 pints (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).**

Maximum Use Rates (All Turf Uses)
Do not apply more than 0.73 oz of Dimension 2EW per 1000 sq ft (2 pints per acre) per application.
Do not apply more than 2.2 oz of Dimension 2EW per 1000 sq ft (6 pints per acre) per year using split or sequential applications.

Poa Annua (annual bluegrass) Control

Apply Dimension 2EW 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 1.5 to 2 pints per acre.

- Apply 6 to 8 weeks before overseeding bermudagrass with perennial ryegrass. Specific to perennial ryegrass; not recommended for *Poa trivialis* or bentgrass.
- Minimum seeding rate of perennial ryegrass is 400 lbs per acre.
- Use limited to fairways and roughs
- 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 2EW for preemergence control of annual grasses and broadleaf weeds listed in Grass and Broadleaf Weeds Controlled by Dimension 2EW in terrestrial non-crop areas including farm yards, fence rows, highway, utility and railroad rights-of-way, airports, recreation areas, campgrounds, and industrial sites (lumber yards, tank farms, and storage areas).

Applied preemergence, Dimension 2EW 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 2EW 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 and 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.
- 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 will result.

Equivalent Application Rates:

Equivalent Rates of Dimension 2EW			
(pt/acre)	**(oz/1000 sq ft)**	**(oz/100 sq ft)**	**(mL/100 sq ft)**
2	0.73	0.073	2.2

Make sequential applications at 3 to 4 month intervals for extended preemergence weed control. Do not exceed maximum use rates per year

Maximum Use Rates

- **Split or sequential applications:** Do not use more than 0.73 oz of Dimension 2EW per 1000 sq ft (2 pints per acre) per application or more than 2.2 oz of Dimension 2EW per 1000 sq ft (6 pints per acre) per year.

In New York State, do not apply more than 2 pints of Dimension 2EW (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).

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

Dimension® 2EW specialty herbicide provides preemergence control of listed annual grasses and broadleaf weeds in areas planted with tolerant ornamental plants listed on this label. It is intended for use on plants 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 over-the-top applications of Dimension 2EW.

Specific Use Precautions and Restrictions:

- Apply Dimension 2EW to established ornamentals only.
- Do not apply this product to bare roots of ornamental plants as injury may result.
- Do not incorporate this product into the soil. Dilution of active ingredient and possible injury to plant roots may occur.
- Do not apply 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, heat stress, nematodes or diseases).
- Do not apply when weather conditions favor drift to non-target areas. This product may injure foliage of non-target plants unless they are listed on this label.
- 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 directly to plants that are grown for food (e.g., fruit trees or maple trees tapped for syrup).
- Do not apply this product in enclosed structures and greenhouses.
- Do not apply more than 0.73 oz of Dimension 2EW per 1000 sq ft (2 pints per acre) per application and no more than 2.2 oz of Dimension 2EW per 1000 sq ft (6 pints per acre) per year using split or sequential applications.
- In New York State, do not apply more than 2 pints of Dimension 2EW (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).

Shadehouse Areas

Dimension 2EW may be applied in open shadehouse-type structures where the natural flow of air is unimpeded. Do not apply within three weeks prior to enclosing greenhouses or poly-type structures.

Treatment of Ornamental Species Not Listed on the Label for Dimension 2EW: It is impossible to evaluate tolerance to this product on all ornamental plant species or varieties or under all possible growing conditions. Users who wish to use Dimension 2EW on ornamental species not recommended on this label may determine the suitability for use by treating a small number of ornamental plants at a recommended rate. Prior to treatment of larger areas, treated plants should be observed for any symptoms of herbicidal injury, such as foliar damage, reduced vigor or stand reduction, during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious.

Application Directions

Apply Dimension 2EW as a directed spray in established ornamentals or as a broadcast over-the-top spray to certain established ornamentals (see ornamental plant listing). Make directed sprays to the soil at the base of the ornamentals.
To reduce injury potential:

- Apply product with calibrated equipment using a minimum of 2 gallons of water per 1000 sq. ft.
- Shortly after application apply overhead irrigation to activate the herbicide and wash Dimension 2EW from plant surface onto soil surface.
- In the spring when buds are rapidly growing and expanding, over the top application of Dimension 2EW may temporarily injure new growth of desirable plants. To reduce the possibility of injury at this time, wait to apply Dimension 2EW 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 the over the top application.
- Do not apply to plants that are under stress such as heat, drought or frost damage.

Dimension 2EW is a preemergence herbicide that controls weeds during germination. Dimension 2EW does not control emerged broadleaf or grass weeds except crabgrass up to tillering stage of growth. Apply prior to germination of target weeds to bare ground.
Optimum 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. After applying Dimension 2EW, excessive soil disruption may breakdown the herbicide barrier. Minimal surface disruption such as raking should not break down the herbicide barrier. Following transplanting, care must be taken that soil or planting mixes have settled firmly through irrigation, rainfall or packing and that there are no cracks that would allow direct contact of this product to the plant roots or plant injury may occur.

Application Rates

Apply Dimension 2EW prior to germination of target weed species. Make sequential applications at 3 to 4 month intervals for extended preemergence weed control. Do not exceed maximum use rates per year.

When treating a small area, apply Dimension 2EW with a calibrated sprayer that assures accurate, uniform spray distribution. In general, Dimension 2EW should be thoroughly mixed with clean water at 0.5 to 0.73 oz of product per 1000 sq ft per application and applied at 20 to 40 psi in a minimum of 1 gallon of water per 1000 sq ft.

Equivalent Rates of Dimension 2EW			
(pt/acre)	**(oz/1000 sq ft)**	**(oz/100 sq ft)**	**(mL/100 sq ft)**
2	0.73	0.073	2.2

Tolerant Ornamentals

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

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
abelia *(Abelia x grandiflora)*	nana grand surprise	 x	x x	 x	x x
acacia, redolens *(Acacia redolens)*		x	x	x	x
abyssinian red banana *(Ensete ventricosum)*	maureli	x	x	x	x
Ajuga carpet bugle *(Ajuga reptans)* *(Ajuga genevensis)*	 bronze bronze beauty		 x x		 x x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
almond, flowering *(Prunus gladulosa)*			x		x
apple† *(Malus pumila)*			x		x
aralia, Japanese *(Fatsia japonica)*			x	x	x
arborvitae *(Thuja occidentalis)*	nigra pyramidalis smaragh techny woodwardii		x x x x x		x x x x x
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 buccaneer carror chimes (Belgian) Elsie Lee exbury fashion Girard's Rose hardijzer beauty hershey red		x x x x x x x x x x	 x 	x x x x x x x x x x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
azalea (Cont.) *(Rhododendron* spp.*)*	higasa		x		x
	hinocrimson		x		x
	Holland (hybrid)		x		x
	Marion Lee		x		x
	northern lights		x		x
	Nuccio's Wild Cherry	x	x	x	x
	orange cup		x		x
	orchid lights		x		x
	snow		x		x
	southern charm		x		x
azalea, flame *(Rhododendron calendulaceum)*			x		x
azalea, kirishima *(Rhododendron obtusum)*			x		x
bamboo, heavenly *(Nandina domestica)*	compacta		x		x
	nana		x		x
	plum passion	x	x	x	x
barberry, Japanese *(Berberis thunbergii)*	aurea		x		x
	crimson pygmy		x	x	x
	dwarf pygmy		x		x
	green		x		x
	kobold		x		x
	pygmy red		x		x
	rose glow		x		x
barberry, purple *(Berberis thunbergii var atropurpurea)*	atropurpurea		x		x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
basket flower *(Gaillardia grandiflora)*			x		x
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
birch, European white *(Betula pendula)*			x	x	x
blackeyed Susan *(Rudbeckia hirta)*	goldstrum		x		x
blanket flower *(Gaillardia* spp.*)*			x		x
blood grass *(Imperata cylindrica)*	rubra	x	x	x	x
blue fescue *(Festuca ovina)*			x		x
bluebeard *(Caryopteris x clandonensis)*	dark knight	x	x	x	x
blueberry† *(Vaccinium* spp.*)*	bluecrop blue jay		x x		x x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
blueberry† *(Vaccinium* spp.*)* (Cont.)	Jersey		x		x
	north blue		x		x
	northland		x		x
bottlebrush *(Callistemon citrinus)*	Little John	x	x	x	X
bougainvillea *(Bougainvillea sp.)*	James Walker		x		x
	pink dream		x	x	x
	purple queen	x	x	x	x
	rosenka	x	x	x	x
	Scarlet O' Hara	x	x	x	x
bower vine *(Pandorea jasminoides)*	rosea	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)	moonlight		x		x
(Genista pilosa)	Vancouver gold		x		x
camellia					
(Camellia japonica)	debutante		x		x
	mathotiana supreme	x	x	x	x
(Camellia sasanqua)	chansonette	x	x	x	x
	setsukgekka	x	x	x	x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
candytuft *(Iberis sempervirens)*	snow white		x		x
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
Chinese pistache *(Pistacia chinensis)*			x	x	x
chrysanthemum *(Chrysanthemum sp.)*	mandarin time	x	x	x	x
clivia *(Clivia miniata)*		x	x	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

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
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, Italian *(Cupressus sempervirens)*	glauca tiny tower	 x	x x	 x	x x
cypress, hinoki false *(Chamaecyparis obtusa)*	gracilis torulosa	 x	x x	 x	x x
cypress, leyland *(Cupressocyparis leylandii) hybrid*		x	x	x	x
daffodil *(Narcissus* spp.)	King Alfred		x		x
daylilly *(Hemerocallis* spp.)	Aztec gold bright yellow (hybrid) single gold (evergreen) Wilson's yellow		x x x x		x x x x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
dianthus (sweet William) *(Dianthus* spp.) (Dianthus gratianopolitanus)	 firewatch	 x	x x	 x	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
dracaena *(Cordyline indivisa)* *(Cordyline australis)*		 x x	 x x	 x x	 x x
dusty miller *(Senecio cineraria)*		x	x	x	x
elm *(Ulmus parvifolia)*	drake		x		x
eulaliagrass/maiden grass *(Miscanthus sinensis)*	gracillimus variegatus morning light	x x x	x x x	x x x	x x x
euonymus *(Euonymus fortunei)*	Argenteo-variegata colorata emerald gaiety emerald n' gold		x x x x		x x x x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
euonymus (Cont.)					
(Euonymus fortunei)	gold edge		x		x
	golden princess		x		x
	tricolor		x		x
	vegetus		x	x	x
(Euonymus japonicus)	Aureomarginata		x		x
	microphylla variegata	x	x	x	x
	‘Moness” silver princess	x	x	x	x
	silver king		x		x
(Euonymus kiatschovicus)	Manhattan	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
fescue *(Festuca glauca)*			x		x
fescue, blue *(Festuca cinerea)*	Elijah blue		x	x	x
fetterbush *(Leucothoe fontanesiana)*	rainbow		x		x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
ficus *(Ficus retusa)*	nitidia		x		x
fir fraser *(Abies fraseri)*			x		x
fortnight lily *(Moraea bicolor)*		x	x	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)* *(Gardenia thunbergia)*	mystery radicans veitchii white gem	 x x x	x x x x x	 x x x	x x x x x
Garlic, variegated society *(Thulbaghia violacea)*	variegata	x	x	x	x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
gayfeather *(Liatris spicata)*	floristan violet	x	x	x	x
geranium *(Pelargonium x hortorum)*			x		x
globe thistle *(Echinops ritro)*		x	x	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
heliotrope *(Heliotropum arborescens)*	Iowa		x	x	x
hemlock, Canada *(Tsuga canadensis)*			x		x
hibiscus *(Hibiscus sp.)* *(Hibiscus rosa-sinensis)*	blue bird brilliant hula girl Seminole pink		x x x 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

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
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)* *(Lonicera x brownii)*	 Claveyí dwarf halliana Canadian white Zabelli dropmore scarlet	 x	 x x x x x	 x	 x x x x x
hop bush, purple *(Dodonea viscosa)*	purpurea	x	x	x	x
hosta (Hosta sieboldii) *(Hosta lancifolia)*	 albo marginata		 x x		 x x
ice plant *(Carpobrotus edulis)*		x	x	x	x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
ice plant, rosea *(Drosanthemum floribundum)*		x	x	x	x
ice plant, white trailing *(Delosperma alba)*		x	x	x	x
ice plant, purple *(Lampranthus productus)*		x	x	x	x
ice plant, red spike *(Cephalophyllumalstonii)*		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
jasmine, star *(Trachelospermum jasminoides)*			x		x
juniper (Juniperus *spp*.)	Arcadia Armstrong bar harbor blue chip blue Pacific blue rug blue star broadmoor	 x x 	x x x x x x x x	 x x 	x x x x x x x x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
juniper (Cont.) (Juniperus *spp*.)	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
	icee blue	x	x	x	x
	Manhattan blue		x		x
	parsoni		x		x
	pfitzeriana		x		x
	plumosa		x		x
	Prince of Wales		x		x
	procumbens dwarf		x		x
	San Jose		x		x
	sargent blue		x		x
	sargent green		x		x
	scandia		x		x
	scopulorum moonglow		x		x
	spartan		x		x
	tamariscifolia		x		x
	weberi		x		x
	Youngstown		x		x
	Yukon belle		x		x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
juniper *(Juniperus chinensis)*	blue point gold coast torulosa – Hollywood twisted	x x x	x x x	x x x	x x x
juniper, shore *(Juniperus conferta)*	sea of gold	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
king palm *(Archontophoenix cunninghamiana)*		x	x	x	x
lantana *(Lantana sellowiana)*		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

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
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 silvery sunproof variegata	 x x 	x x x x x x	 x x 	x x x x x x
lilyturf, creeping *(Liriope spicata)*			x		x
magnolia, saucer *(Magnolia x soulangeana)*		x	x	x	x
mandevilla *(Mandevilla splendens)* *(Mandevilla x amabilis)*	 Red Riding Hood crimson jewel	 x x	 x x	 x x	 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

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
maple sugar† *(Acer saccharum)*			x		x
marguerite, blue *(Felicia amelloides)*		x	x	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
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 zuni	 x	x x x x x	 x	x x x x x
myrtle, wax *(Myrica californica)*			x		x
narcissus *(Narcissus spp.)*			x		x
New Zealand flax *(Phormium sp.)* *(Phormium tenax)*	 rainbow chief rainbow queen Jack Spratt	 x x x	 x x x	 x x x	 x x x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
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 Mrs. Roeding petite pink sister agnes	 x 	x x x x	 x 	x x x x
osmanthus, holly leaf *(Osmanthus heterophyllus)*	goshiki	x	x	x	x
osteospermum *(Osteospermum fruticosum)*	whirligig		x		x
pachysandra *(Pachysandra terminalis)*			x		x
palm, bangalow *(Archontophoenix cuninghamiana)*			x		x
palm, bismark *(Bismarckia nobilis)*			x	x	x
palm, California fan *(Washingtonia filifera)*		x	x	x	x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
palm, cardboard *(Zamia furfuracea)*		x	x	x	x
palm, majesty *(Ravenea rivularis)*		x	x	x	x
palm, paurotis *(Acoelorraphe wrightii)*		x	x	x	x
palm, queen *(Syagrus romanzoffianum)*		x	x	x	x
pampas grass *(Cortaderia selloana)*	ivory feathers	x	x x	x	x x
pansy *(Viola x wittrockiana)*			x		x
paper flower *(Bougainvillea glabra)*	Barbara Karst	x	x	x	x
peach† *(Prunus persica)*			x		x
pepper tree, California *(Schinus molle)*		x	x	x	x
periwinkle, dwarf *(Vinca minor)*			x		x
petunia *(Petunia x hybrida)*	picoti		x		x
philodendron, tree *(Philodendron selloum)*		x	x	x	x
photinia, red tip *(Photinia x fraseri)*			x		x
pieris *(Pieris taiwanensis)*			x		x

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Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
pieris, Japanese *(Pieris japonica)*	mountain fire		x		x
pine, Afghan *(Pinus eldarica)*		x	x	x	x
pine, aleppo *(Pinus halapensis)*		x	x	x	x
pine, Austrian black *(Pinus nigra)*		x	x	x	x
pine, Canary Island *(Pinus canariensis)*		x	x	x	x
pine, Japanese black *(Pinus thunbergiia)*		x	x	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

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
pittosporum, *(Pittosporum tobira)*	Wheeler's dwarf shimi creme de menth golf ball	x x x	x x x	x x x	x x x
plumbago, cape *(Plumbago auriculata)*	royal cape	x	x	x	x
plume grass *(Erianthus ravennae)*		x	x	x	x
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 x
queen palm *(Arecastrum rammanzoffianum)*			x		x
quince, Japanese† *(Chaenomeles japonica)*			x		x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
red hot poker *(Kniphofia uvaria)*	flamenco	x	x	x	x
redbud, eastern *(Cercis canadensis)*			x	x	x
redwood, coast *(Sequoia sempervirens)*		x	x	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

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
rose, groundcover (Rosa x Noare) (Rosa x Noaschnee) (Rosa x Noatrum)	 flower carpet red flower carpet white flower carpet pink	 x x x	 x x x	 x x x	 x x x
rose, knockout shrub (*Rosa* spp. hybrid)	knockout	x	x	x	x
rosemary† *(Rosmarinus officinalis)*			x		x
rosemary, bog *(Andromeda polifolia)*	nana		x		x
salvia *(Salvia farinacea)*	rhea		x		x
sedge, leather leaf *(Carex buchananii)*		x	x	x	x
sedum *(Sedum spurium)*	dragon blood red red carpet yellow		x x x		x x x
silk tree *(Albizia julibrissin)*		x	x	x	x
smoketree, royal purple *(Cotinus coggygria)*	royal purple		x		x
snapdragon (*Antirrhinum* spp.)			x		x
snow-in-summer *(Cerastium tomentosum)*		x	x	x	x
snowball, common *(Viburmum opulus)*	sterile	x	x	x	x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
sourwood *(Oxydendrum arboreum)*			x		x
spiraea *(Astilbe X arendsii)*	fanall		x		x
spiraea *(Spiraea* spp.)	Anthony Waterer red		x		x
	dolchica		x		x
	froebeli pink		x		x
	goldenflame red		x		x
	snowmound white		x		x
	Van Houtte white		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, dwarf Alberta *(Picea glauca v. albertiana)*	conica	x	x	x	x
spruce, Norway *(Picea abies)*			x		x
spruce, white *(Picea glauca)*	conica		x		x
spurge, Japanese *(Pachysandra terminalis)*	green sheen	x	x	x	x
sweet bay *(Laurus nobilis)*			x	x	x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
sweetflag *(Acorus calamus)* *(Acorus gramineus)*	 ogon	 x	 x x	 x	 x x
sweetgum *(Liquidambar styraciflua)*			x		x
sweet olive *(Osmanthus fragrans)*			x	x	x
sycamore *(Platanus occidentalis)* *(Platanus racemosa)*	 American California	 x	 x x	 x x	 x x
tea tree, New Zealand *(Leptospermum scoparium)*	ruby glow martini	x x	x x	x x	x x
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		x		x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		**Field/Landscape Grown Ornamentals** Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
viburnum (Cont.) *(Viburnum* spp.)	arrowood European cranberry bush linden Mohican wright		x x x x x		x x x x x
vinca (periwinkle) *(Vinca minor)*			x		x
windmill palm *(Trachycarpus fortunei)*			x		x
wisteria, Japanese *(Wisteria floribunda)*	Texas purple	x	x	x	x
xylosma *(Xylosma congestum)*			x		x
yarrow *(Achillea* spp.)			x		x
yaupon *(Ilex vomitoria)*	dwarf		x		x
yellow bells *(Tecoma stans)*		x	x	x	x
yesterday-today-and-tomorrow *(Brunfelsia pauciflora)*	floribunda	x	x	x	x
yew *(Taxus cuspidata)* *(Taxus x media)*	capitata denisiformis	x	x x	x	x x
yucaa, red *(Hesperaloe parvifolia)*		x	x	x	x

		Container Grown Ornamentals Acceptable Application Method Noted by a (X)		Field/Landscape Grown Ornamentals Acceptable Application Method Noted by a (X)	
Name (Cont.)	**Tolerant Cultivars**	**Over the Top**	**Directed**	**Over the Top**	**Directed**
yew *(Taxus cuspidata)* *(Taxus x media)*	 capitata denisiformis	 x 	 x x	 x 	 x x

† Ornamental species only. Do not use on plants grown for food.

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 Limitations of Remedies.

Warranty Disclaimer

Seller 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, SELLER 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. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, 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 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 Seller's 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, seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Seller 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 Seller 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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EPA accepted 01/03/11

Dow AgroSciences™

Dimension® 2EW

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 but not limited to golf course fairways, roughs, tee boxes)**
- **Container grown ornamentals**
- **Field-grown ornamentals**
- **Landscape ornamentals.**

In New York State, this product may be used by commercial applicators only at no more than 2 pints (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).

Active Ingredient
dithiopyr: S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate 24%
Other Ingredients 76%
Total 100%

Contains petroleum distillates
Contains 240 grams per liter or 2 lb active ingredient per U.S. gallon.

Keep Out of Reach of Children

WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Skin Irritation • Causes Moderate Eye Irritation • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals

Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical-resistance category selection chart.

WPS Uses: Applicators and other handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses are covered - must wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves >14 mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear plus socks

WPS Uses: Mixers and loaders must wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves >14 mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear plus socks
- Chemical-resistant apron

Non-WPS Uses: Applicators and other handlers, mixers and loaders who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses are covered - must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves >14 mils such as barrier laminate or butyl rubber

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

Engineering Controls

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (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 clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 on skin or on 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 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.

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.

Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

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 be hazardous to aquatic organisms in water adjacent to treated areas. Do not apply directly to water, or to

(Continued on side panel)

4 x 0.5 gal

00278316

Environmental Hazards (Cont.)

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 washwater or rinsate.

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, food, or feed by storage and disposal.
Pesticide Storage: Store this product only in its original container in a dry, cool, secured storage area. Store this product above 32°F to avoid crystallization. If crystals form or product freezes, move product to area with ambient temperature above 32°F and shake well until crystals have dissolved.
Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.
Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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.

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

EPA Reg. No. 62719-542 EPA Est. 5905-IA-01

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

(01) 5 06 62974 59202 5

Dow AgroSciences™

Dimension® 2EW

Specialty Herbicide 4 x 0.5 gal

00278316

Dow AgroSciences™

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Specialty Herbicide 4 x 0.5 gal

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Provides control of listed annual grasses and broadleaf weeds in:
- **Established lawns**
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Total 100%

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- Chemical-resistant footwear plus socks

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- Chemical-resistant gloves >14 mils such as barrier laminate or butyl rubber
- Chemical-resistant footwear plus socks
- Chemical-resistant apron

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Engineering Controls

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(Continued on side panel)

4 x 0.5 gal

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2009-2011 LIC. NO.

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2012-2014 LIC. NO.

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2015-2017 LIC. NO.
9786.260

Supplemental Labeling

Dow AgroSciences

Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Dimension® 2EW

EPA Reg. No. 62719-542

For Over the Top Applications to Landscape, Field Grown and Container Grown Ornamentals

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Dimension 2EW specialty herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Dimension 2EW according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Dimension Ultra 2EW.

Use Directions

Dimension® 2EW specialty herbicide provides preemergence control of listed annual grasses and broadleaf weeds in areas planted with tolerant ornamental plants listed on this label. It is intended for use on plants 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 over-the-top applications of Dimension 2EW.

Specific Use Precautions and Restrictions:

- Apply Dimension 2EW to established ornamentals only.
- Do not apply this product to bare roots of ornamental plants as injury may result.
- Do not incorporate this product into the soil. Dilution of active ingredient and possible injury to plant roots may occur.
- Do not apply 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, heat stress, nematodes or diseases).
- Do not apply when weather conditions favor drift to non-target areas. This product may injure foliage of non-target plants unless they are listed on this label.
- 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 directly to plants that are grown for food (e.g., fruit trees or maple trees tapped for syrup).
- Do not apply this product in enclosed structures and greenhouses.
- Do not apply more than 0.73 oz of Dimension 2EW per 1000 sq ft (2 pints per acre) per application and no more than 2.2 oz of Dimension 2EW per 1000 sq ft (6 pints per acre) per year using split or sequential applications.
- In New York State, do not apply more than 2 pints of Dimension 2EW (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).

Treatment of Ornamental Species Not Listed on the Label for Dimension 2EW: It is impossible to evaluate tolerance to this product on all ornamental plant species or varieties or under all possible growing conditions. Users who wish to use Dimension 2EW on ornamental species not recommended on this label may determine the suitability for use by treating a small number of ornamental plants at a recommended rate. Prior to treatment of larger areas, treated plants should be observed for any symptoms of herbicidal injury, such as foliar damage, reduced vigor or stand reduction, during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious.

Application Directions

Apply Dimension 2EW as a directed spray in established ornamentals or as a broadcast over-the-top spray to certain established ornamentals (see ornamental plant listing). Make directed sprays to the soil at the base of the ornamentals.
To reduce injury potential:

- Apply product with calibrated equipment using a minimum of 2 gallons of water per 1000 sq. ft.
- Shortly after application apply overhead irrigation to activate the herbicide and wash Dimension 2EW from plant surface onto soil surface.
- In the spring when buds are rapidly growing and expanding, over the top application of Dimension 2EW may temporarily injure new growth of desirable plants. To reduce the possibility of injury at this time, wait to apply Dimension 2EW 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 the over the top application.
- Do not apply to plants that are under stress such as heat, drought or frost damage.

Dimension 2EW is a preemergence herbicide that controls weeds during germination. Dimension 2EW does not control emerged broadleaf or grass weeds except crabgrass up to tillering stage of growth. Apply prior to germination of target weeds to bare ground. Optimum 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. After applying Dimension 2EW, excessive soil disruption may breakdown the herbicide barrier. Minimal surface disruption such as raking should not break down the herbicide barrier. Following transplanting, care must be taken that soil or planting mixes have settled firmly through irrigation, rainfall or packing and that there are no cracks that would allow direct contact of this product to the plant roots or plant injury may occur.

Application Rates

Apply Dimension 2EW prior to germination of target weed species. Make sequential applications at 3 to 4 month intervals for extended preemergence weed control. Do not exceed maximum use rates per year.

When treating a small area, apply Dimension 2EW with a calibrated sprayer that assures accurate, uniform spray distribution. In general, Dimension 2EW should be thoroughly mixed with clean water at 0.5 to 0.73 oz of product per 1000 sq ft per application and applied at 20 to 40 psi in a minimum of 1 gallon of water per 1000 sq ft.

Equivalent Rates of Dimension 2EW			
(pt/acre)	**(oz/1000 sq ft)**	**(oz/100 sq ft)**	**(mL/100 sq ft)**
2	0.73	0.073	2.2

Tolerant Ornamentals

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

		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)*	maureli	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
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 buccaneer carror chimes (Belgian) Elsie Lee exbury fashion hardijzer beauty hershey red higasa hinocrimson Holland (hybrid) Marion Lee northern lights orange cup orchid lights snow southern charm		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 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
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 Jersey north blue northland		x x x x 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
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, Italian *(Cupressus sempervirens)*	glauca		x		x
cypress, Japanese false *(Chamaecyparis obtusa)*	gracilis		x		x
cypress, leyland *(Cupressocyparis leylandii)* *hybrid*			x		x
daffodil (*Narcissus* spp.)	King Alfred		x		x
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
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
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
jasmine, star *(Trachelospermum jasminoides)*			x		x
juniper (Juniperus *spp.*)	Arcadia Armstrong bar harbor blue chip blue Pacific blue rug blue star broadmoor buffalo calgary carpet emerald sea emerald spreader endora compacta fruitlandi green gold tip hetzi hughes Manhattan blue 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 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 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
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 silvery sunproof variegata	 x x 	x x x x x x	 x x 	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
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
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
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
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 froebeli pink goldenflame red snowmound white Van Houtte white		x x x x 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
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 plants grown for food.

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