

62719-516

12/30/2004

1/23

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number Dow AgroSciences/62719-516	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dow AgroSciences/ Showcase™ Specialty Herbicide	PM# PM / 23	
5. Name and Address of Applicant (Include ZIP Code) Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268 <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with <i>FIFRA</i> Section 3(c)(3) (b)(i), my product is similar or identical in Composition and labeling to:  EPA Reg. No.  Product Name	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated	<b>NOTIFICATION</b>  DEC 3 0 2004
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other- Explain below.	

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)  
See attached pages 2 and 3

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point /Complete items directly below for identification of individual to be contacted, if necessary, to process this application)					
Name Kimberly S. Gilbert		Title Regulatory Manager		Telephone No. (Include Area Code) 317-337-4685	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowing false or misleading statement may be punishable by fine or imprisonment both under applicable law.					8. Date Application Received (Stamped) 
2. Signature 		3. Title Regulatory Manager			
4. Typed Name Kimberly S. Gilbert		5. Date December 20, 2004			
TM Trademark of Dow AgroSciences LLC EPA Form 85 7 0-1 (Rev. 8-94) Previous editions are obsolete					

White - EPA File Copy (original)

Yellow - Applicant Copy

# Showcase™

EPA Reg. No. 62719-516



## Registration Notes:

Source label text based on EPA-accepted copy dated July 7, 2004 and notification coded "Q5E / Showcase / Notif / 12-06-04."



### Changes by notification:

1. Ornamental Plantings: Added following to list of plant species on which injury has been observed - *Arctotheca calendula* (African capeweed), *Agapanthus africanus* (Lily of the Nile), *Cycas revoluta* (cycad), *Hemerocallis* x 'Starburst Red' (red starburst day lily), *Lavandula latifolia* (English spike lavender), *Syagrus romanzoffianum* (queen palm), *Coreopsis auriculata* 'Nana' (dwarf coreopsis), *Hemerocallis* 'Starburst Red' (starburst red day lily), *Limonium perezii* (sea lavender), *Liriope spicata* 'Silver Dragon' (silver dragon lily turf), *Podocarpus macrophyllus* (yew podocarpus), *Washingtonia robusta* (Mexican fan palm), *Achillea millefolium* 'Paprika' (paprika mallow), *Astilbe chinensis* 'Pumila' (Chinese pumila), *Erica vagans* 'Mrs. Maxwell' (maxwell's cornish heath), *Erica* x *darley* 'Mediterranean Pink' (Mediterranean pink heath), *Gaultheria shallon* (lemon leaf), *Heuchera micrantha* 'Palace Purple' (palace purple coral bells), *Leucothoe axillaris* (coast leucothoe).
2. Trees: Deleted following from list of trees species - *Abies balsamea* (Fir, balsam), *Abies concolor* (Fir, white), *Alsophila australis* (Australian tree fern), *Areacastrum romanzoffianum* (Queen palm), *Brachychiton populneus* (Bottle tree), *Bucida buceras* (Black olive), *Ceratonia siliqua* (Carob), *Crataegus viridis* (Green hawthorn), *Cryptomeria japonica* (Cryptomeria, Japanese), *Cupaniopsis anacardioides* (Carrot wood), *Cupressocyparis* x 'Emerald Isle' (Emerald island leyland cypress), *Dicksonia antarctica* (Tasmanian tree fern), *Elaeagnus angustifolia* (Russian olive), *Elaeagnus* x 'Gilt edge' (Gilt edge strawberry), *Eucalyptus camaldulensis* (Red gum eucalyptus), *Eucalyptus cinerea* (Eucalyptus, mealy, Silver dollar eucalyptus), *Eucalyptus microtheca* (Coolibah tree), *Eucalyptus sideroxylon* (Eucalyptus, red ironbark), *Fraxinus udhei* (Shamel ash), *Ginkgo biloba* (Ginkgo (Maidenhair tree)), *Gleditsia triacanthos* (Honey locust, Shademaster honey locust), *Heteromeles arbutiflora* (Toyon), *Illicium floridanum* (Florida anise-tree), *Liquidambar styraciflua* (Sweetgum, American), *Morus alba* (White mulberry), *Musa aluminata* (Banana), *Oxydendrum arboreum* (Sourwood), *Pinus eldarica* (Eldarica pine), *Pinus leucodermis* (Bosnian pine), *Pinus nigra* (Austrian black pine), *Platanus occidentalis* (American sycamore), *Platanus racemosa* (Californian sycamore), *Populus deltoides* (Cottonwood), *Prosopis chilensis* (Chilean mesquite), *Salix babylonica* (Babylon weeping willow, Corkscrew willow), *Sequoiadendron giganteum* (Giant sequoia), *Swietenia mahogany* (Mahogany), *Tabebuia caraiba* (Yellow tab), *Tsuga canadensis* (Eastern hemlock), *Ulmus parvifolia* (Chinese elm), *Washingtonia robusta* (Mexican fan palm).
3. Shrubs: Deleted following from list of shrubs species - *Acalypha wilkesiana* (Copper leaf), *Agapanthus africanus* (Queen Anne Lily of the Nile), *Agave americana* (Century plant), *Anisodonteia hypomandarum* (Cape mallow), *Aptenia cordifolia* (Red apple aptenia), *Ardisia japonica* (Chirimen marlberry), *Astible arendsii* (false spiraea), *Astilbe chinensis* (Astilbe/false spirea), *Athyrium nipponicum* (Japanese painted fern), *Baccharis pilularis* (coyotebush), California gold, Pink pixie, Scarlet O'Hara, Temple fire, Texas dawn, *Calluna vulgaris* (spring torch scotch heather), *Caryopteris* x *clandonen* (Dark knight bluebeard), *Cassia artemisioides* (Cassia, feathery), *Ceanothus* spp. (Wild lilac), *Cephalotaxus drupacea* (Plum yew), *Cerastium tomentosum* (Snow-in-summer), *Chrysalidocarpus lutescens* (Areca palm), *Clethra alnifolia* (Summersweet), *Cleyera japonica* (Cleyera, Japanese), *Coleonema pulchrum* (Pink breath of heaven), *Convolvulus cneorum* (Bush morning glory), *Cotinus coggygria* (Royal purple smoke tree), *Cotinus dammeri* (Coral beauty smoke tree, Eichholz smoke tree), *Cycas revoluta* (Sago palm), *Deutzia crenata* (Nakiana-dwarf deutzia), *Dodonea viscosa* (Hopseed bush), *Erica cinerea* (Purple bell heather), *Eugenia myrtifolia* (Dwarf brush cherry), Silver king euonymus, *Euryops pectinatus* (Dwarf euryops), *Fatsyhedera japonica*, *Fatsia japonica* (Japanese aralia), *Felicia ameloides* (Blue marguerite), *Gaultheria shallon* (Salal/lemon leaf), *Hibiscus syriacus* (Rose of Sharon, Red Bird, Rose of Sharon, Red Heart, Rose of Sharon, Woodbridge, Rose of Sharon, Aphrodite, Rose of Sharon, Helene), *Illicium annisatum*

- (Mystery gardenia), *Itea ilicifolia* (Henry Garnet holly leaf sweetspire), *Ixora collinea* (Ixora), *Kalmia latifolia* (Laurel, mountain), *Lagerstroemia indica* (Crape myrtle), *Lantana spp.* (Lantana), *Lavandula angustifolia* (English lavender), *Lavandula latifolia* (English spike lavender), *Lavandula officinalis* (English lavender), *Leptospermum scoparium* (New Zealand tea tree), *Leucothoe axillaris* (Leucothoe, coast), *Livistona chinensis* (Chinese fountain palm), *Myrica cerifera* (Wax myrtle), *Osmanthus fortunei* (Fortunes osmanthus), *Pachysandra terminalis* (Japanese spurge), *Phoenix roebelenii* (Pigmy date palm), *Pieris japonica* (Lily-of-the-valley, Mountain fire lily-of-the-valley, Snowdrift lily-of-the-valley, Temple bells lily-of-the-valley, Valley rose lily-of-the-valley, Valley valentine lily-of-the-valley), *Pieris japonica x forestii* (Forest flame lily-of-the-valley), *Plumbago capensis* (Plumbago), *Podocarpus macrophyllus* (Yewpine), *Polygala dalmaisiana* (Sweet pea shrub), *Polystichum polyblepharum* (Tassel fern), *Prunus glandulosa* (Dwarf pink flowering almond), English Roseum rhododendron, Hino crimson azalea, Snow azalea, *Rhododendron obtusum* (Hino-crimson azalea), *Rhus lancea* (Sumac, African), *Senecio cineraria* (Dusty-miller/silver ragweed), *Skimmia japonica* (Japanese skimmia), *Solanum rantonetii* (Paraguay nightshade), *Tecomaria capensis* (Cape honeysuckle), *Veitchia merrilli* (Christmas palm), *Yucca filamentosa* (Yucca).
4. Groundcovers/Perennials: Deleted following from list of groundcovers/perennials species - *Achillea millefolium* (Common yarrow), *Agapanthus africanus* (Lily of the Nile), *Agapanthus "Peter Pan"*, *Alstroemeria aurea* (Peruvian lily), *Ammophila breviligulata* (Beechgrass), *Antirrhinum majus* (Snapdragon), *Arctotheca calendula* (Cape weed), *Argyranthemum frutescens* (Paris daisy), *Artemisia schmidtiana* (Angels' hair), *Asparagus retrofractus* (Fern), *Asteriscus maritimus* (Gold coin daisy), *Astilbe Deutschland* (Deutschland astilbe), *Asparagus retrofractus*, *Asparagus variegata* (Tree fern), *Aster novae-angliae* (New England aster), *Aster novi-belgii* (New York aster), *Begonia cordifolia* (Heartleaf begonia), *Begonia semperflorens* (White ambassador begonia), *Bidens ferulifolia* (Peter's Gold Bidens), *Brachycome x 'New amethyst'* (Swan River Daisy New Amethyst), *Callistephus chinensis* (China aster), *Carpobrotus edulis* (Ice plant, largeleaf), *Cerastium tomentosum* (Snow in the summer), *Ceratostigma plumbaginoides* (Dwarf plumbago), *Chrysanthemum morifolium* (Florist's chrysanthemum), *Chrysanthemum sp.* (Chrysanthemum species), *Clematis integrifolia caerulea* (Blue bell clematis), *Clivia miniata* (Kafir lily), *Coreopsis verticillata* (Coreopsis, threadleaf), *Cortaderia selloana* (Pampas grass), *Cuphea hyssopifolia* (False or Mexican heather), *Cyperus albostratus* (Dwarf umbrella grass), *Dahlia x 'Royal dahlia pink'* (Dwarf dahlia Wendy pink), *Delosperma alba* (White iceplant), *Descampsia caespitosa* (Descampsia), *Dianthus gratianopolitanus* (Crimson treasure cheddar pink), *Dietes vegeta* (Fortnight lily), *Drosanthemum floribundum* (Trailing rosea iceplant), *Drosanthemum hispidum* (Iceplant), *Ensete ventricosum* (Red abyssinian banana), *Equisetum scirpoides* (Dwarf horsetail), *Erianthus ravennae* (Hardy pampasgrass), *Erysimum "Bowles mauve"* (Wallflower), *Euryops pectinatus* (Dwarf euryops), *Eustoma grandiflorum* (Pink lisianthus), *Festuca ovina glauca* (Blue fescue), *Fuchsia x 'Santa Claus'* (Santa Claus Fuchsia), *Gaillardia aristata* (Blanket flower), *Gaillardia grandiflora* (Goblin blanket flower), *Gaura lindheimeri* (Gaura), *Gazania rigens leucolaena* (Gazania, trailing), *Gazania spp.* (Gazania), *Geranium incanum* (Cranesbill), *Geranium subcaulescens* (Black eyed magenta cranesbill), *Hakonechloa macroaureola* (Golden hakonechloa), *Hedera canariensis* (Ivy, Algerian), *Hedera helix* (Ivy, English), *Helichrysum petiolatum* (White licorice plant), *Hemerocallis spp.* (Daylily), *Hesperaloe parviflora* (Red yucca), *Heuchera americana* (Palace purple), *Heuchera micrantha* (Coral bells), *Hippeastrum hybrid* (Amaryllis), *Hosta lancifolia* (Albo-marginata hosta), *Hosta 'Patriot'* (Patriot plantain lily), *Hymenoxys acaulis* (Angelita daisy), *Iris pumila* (Yellow dwarf bearded iris), *Iris siberica* (Blue siberian iris), *Leptospermum scoparium* (Broom teatree/manuka), *Liatris spicata* (Gay feather), *Limonium perezii* (Statice), *Liriope gigantea* (White lily turf), *Liriope muscari* (Lilac beauty lily turf, Majestic lily turf, Monroe white lily turf, Silvery sunproof lily turf, Variegated liriope lily turf, Big blue lily turf), *Liriope spicata* (green/creeping lily turf), *Lobelia erinus* (Lobelia), *Lobularia maritima* (Sweet alyssum), *Lysimachia punctata* (Dotted loosestrife), *Mathiola incana* (Stock), *Monarda didyma* (Bee balm), *Moraea iridiodes* (African iris), *Oenothera speciosa* (Siskiyow evening primrose), *Ophiopogon japonicus* (Dwarf Mondo grass, Mondo grass), *Osteospermum fruticosum* (Freeway daisy), *Pachysandra terminalis* (Japanese spurge), *Parthenocissus quinquefolia* (Virginia creeper), *Pelargonium x hortorum* (Zonal geranium), *Pelargonium peltatum* (Ivy geranium), *Pennisetum alopecuroides* (Fountain grass), *Pennisetum setaceum* (Chrimson fountaingrass), *Pentas lanceolata* (Star cluster), *Penstemon x 'Apple blossom'* (Apple blossom penstemon), *Penstemon gentianoides* (Hartwig penstemon), *Perovskia atriplicifolia* (Russian sage), *Phalaris arundinacea picta* (Ribbon grass), *Ratibida columnifera* (Mexican hat),

*Rudbeckia fulgida* (Blackeyed Susan), *Rudbeckia hirta* (Blackeyed Susan), *Ruellia brittoniana* (Dwarf Katie ruellia), *Salvia grahamii* (Graham's sage), *Salvia leucantha* (Mexican bush sage), *Sedum x 'Autumn joy'* (Autumn joy stonecrop), *Sedum x 'Vera jameson'* (Vera jameson stonecrop), *Trachelospermum asiaticum* (Asian jasmine), *Tulbaghia violacea* (Society garlic), *Vinca minor* (Periwinkle, dwarf), *Vinca spp.* (Periwinkle), *Zinnia elegans* (Dwarf zinnia).

5. Non-Bearing Fruit and Nut Tree and Non-Bearing Vineyards (Dormant Application): Deleted following from list of species – almond, apple, avocado, blackberry, boysenberry, currant, dewberry, elderberry, fig, filbert, gooseberry, grape (American), grape (European), grapefruit, kiwi, lemon, loganberry, macadamia nut, olive, orange, pear, pecan, pistachio, pomegranate, raspberry, walnut (black), walnut (English).

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(Front panel):

(logo) Dow AgroSciences

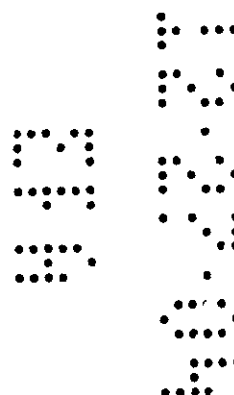
**Showcase™****Specialty Herbicide**

**A preemergence herbicide for control of certain broadleaf weeds and annual grasses in:**

- Landscape Ornamentals
- Christmas Tree Plantations
- Container Grown Ornamentals
- Field Grown Ornamentals
- Ground Covers/Perennials
- Non-Bearing Fruit and Nut Trees
- Non-Bearing Vineyards
- Non-Cropland

**For Commercial Use Only****Active Ingredients:**

trifluralin: $\alpha, \alpha, \alpha$ -trifluoro-2,6-dinitro- <i>N</i> , <i>N</i> -dipropyl- <i>p</i> -toluidine .....	2.00%
isoxaben: <i>N</i> -[3-(1-ethyl-1-methylpropyl)-5- isoxazolyl]-2,6-dimethoxybenzamide and isomers .....	0.25%
oxyfluorfen: 2-chloro-1-(3-ethoxyl-4- nitrophenoxy)-4-(trifluoromethyl) benzene ...	0.25%
Inert Ingredients .....	97.50%
Total .....	100.00%



Contains 1.25 lb active ingredient per 50 lb bag.

U.S. Patents 4,636,243 and 5,086,184.

**Keep Out of Reach of Children**

## **CAUTION      PRECAUCION**

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.)

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### **Precautionary Statements**

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

**Harmful If Absorbed Through Skin • Harmful If Inhaled • Causes Moderate Eye Irritation •  
Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reaction In Some Individuals**

**Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long-sleeved shirt and long pants, socks plus shoes, and chemical-resistant gloves (such as barrier laminate and viton  $\geq 14$  mils in Category G). Remove and wash contaminated clothing before reuse.**

#### **Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate and viton ( $\geq 14$  mils). If you want more options, follow the instructions for category G on an EPA chemical-resistance category selection chart.

**Mixers, loaders, applicators and other handlers must wear:**

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves
- Chemical-resistant apron for mixers and loaders

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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:** 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 inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**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 for emergency medical treatment information.

### Environmental Hazards

This product is extremely toxic to freshwater marine, wildlife, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

### Agricultural Use Requirements

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

**Refer to back panel for Directions for Use Including Storage and Disposal.**

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**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. If terms are unacceptable, return at once unopened.**

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

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

EPA Reg. No. 62719-516

EPA Est. \_\_\_\_\_

<sup>TM</sup>Trademark of Dow AgroSciences LLC

**Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.**

**Net Weight \_\_ lb**

(Back panel):

### **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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### **Agricultural Use Requirements**

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

Do not enter or allow workers to enter during the restricted entry interval (REI). The REI for each crop is listed in the directions for use associated with each crop.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

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

### **Non-Agricultural Use Requirements**

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

For applications in landscape settings and in non-cropland sites, do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

### **Storage and Disposal**

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in original container only. In case of spill, contain material and dispose as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### **General Information**

Showcase™ specialty herbicide is a preemergence product for control of certain broadleaf weeds and annual grasses in container and landscape ornamentals, nursery stock, Christmas trees, ground covers/perennials, non-bearing fruit and nut trees, non-bearing vineyards and non-cropland areas. Apply



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Showcase anytime prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with rate of Showcase applied, weed population, potting media or soil conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional applications may be needed.

#### **Use Precautions and Restrictions**

**In Arizona:** The state of Arizona has not approved Showcase for use on plants grown for agricultural/commercial production; such as on Christmas tree plantations, container grown or field grown ornamentals, non-bearing fruit and nut trees and non-bearing vineyards.

Showcase controls weeds growing from seed. Showcase does not control established weeds, weeds growing from stolens, rhizomes, or root pieces. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more or flood irrigation is required to activate Showcase. Optimum weed control is obtained when Showcase is activated within 3 days of application. If rainfall or irrigation does not occur within 3 days of application and tillage is possible, Showcase may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate Showcase within 3 days of application may result in erratic control of annual grasses. Do not apply when wind conditions favor drift of Showcase granules from the target area.

Repeat applications at 150 lb per acre and higher should not be made sooner than 60 days after a previous application of Showcase. Do not apply over 600 lb per acre total of Showcase within a 12 month period.

**Tolerance of Turfgrass Adjacent to Ornamental Plantings:** Accidental application to turf may occur when applying Showcase to ornamental plantings. Showcase is not recommended for weed control in turfgrasses, but turfgrasses are generally tolerant to small amounts of this product that fall outside of the intended area of application.

Do not aerially apply Showcase.

Do not apply more than 2 lb ai per acre per application (6 lb ai per season) to container grown ornamentals.

#### **Treatment Species Not Listed on the Label for Showcase**

Users who wish to use Showcase on plant species not recommended on this label may determine the suitability for use by treating a small number of such plants at a recommended rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury for during 30 to 60 days of normal growing conditions to determine if the treatment is safe to the target plant species. The user assumes responsibility for any plant damage or other liability resulting from use of Showcase on plant species not recommended on this label.

#### **Application Instructions**

Apply Showcase using a drop or rotary-type spreader designed to apply granular herbicides or insecticides. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or crop injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

#### **Application Techniques for Applying Showcase**

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- When using a drop-type spreader, a splashboard mounted under the hopper will provide more even granule distribution.
- A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.
- For treating smaller areas or rows of nursery stock or ornamental beds, a hand held or push-type rotary applicator such as a whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.
- A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, difficult to treat areas. Carefully measure the amount of product needed to avoid over application.
- The weight-to-volume conversion table below provides equivalent amounts of Showcase.

**Showcase Broadcast Rates**

Rate lb/Acre	Amount/1000 sq ft		Amount/100 sq ft	
	lb	quarts	lb	cups
100	2.30	1.75	0.23	0.7
150	3.45	2.60	0.35	1.0
200	4.60	3.50	0.46	1.4

1 lb of Showcase = 0.75 quart = 3 cups

**Spreader Settings as a Guide for Calibration**

[Editor's note: Commercial label may include a table of recommended spreader equipment and spreader settings.]

**Note:** These settings are provided as a suggested starting point in calibrating each individual spreader. Since no two spreaders are alike, these settings are not intended to be used as absolute recommendations by Dow AgroSciences or the spreader manufacturer.

Speed (mph)	Settings for Spreader		
	Recommended Rate of Showcase		
	100 lb/acre	150 lb/acre	200 lb/acre
2.0	XX	XX	XX
2.5	XX	XX	XX
3.0	XX	XX	XX

[Editor's note: The following text should be included if settings for a Warren T-7 II Spreader are included.]

Warren spreader settings are displayed in half-number increments only. The suggested settings that indicate quarter settings can be accomplished by placing the calibration arm between the half number marks on the spreader.

**Weeds Controlled or Suppressed by Showcase**

**Weeds controlled when applied at 100 lb/acre (2.3 lb/1000 sq ft):**

**Common Name**

aster, slender  
barnyardgrass  
bluegrass, annual  
bursage, annual  
celery, wild  
chickweed, common

**Scientific Name**

*Aster exilis*  
*Echinochloa crus-galli*  
*Poa annua*  
*Ambrosia acanthicarpa*  
*Apium leptophyllum*  
*Stellaria media*

clover white	<i>Trifolium repens</i>
crabgrass	<i>Digitaria</i> spp.
cudweed, purple	<i>Gnaphalium purpureum</i>
cupgrass, southwestern	<i>Eriochloa gracilis</i>
fiddleneck, coast	<i>Amsinckia intermedia</i>
filaree, redstem	<i>Erodium cicutarium</i>
fleabane, blackleaved	<i>Conyza bonariensis</i>
fleabane, dwarf	<i>Conyza ramosissima</i>
foxtail, yellow	<i>Setaria glauca</i>
groundcherry, lanceleaf	<i>Physalis lanceifolia</i>
henbit	<i>Lamium amplexicaule</i>
horseweed	<i>Conyza canadensis</i>
junglerice	<i>Echinochloa colonum</i>
knotweed, prostrate	<i>Polygonum aviculare</i>
lambsquarters, common	<i>Chenopodium album</i>
mallow, little	<i>Malva parviflora</i>
mustard, Indian	<i>Brassica juncea</i>
mustard, wild	<i>Sinapis arvensis</i>
nightshade, black	<i>Solanum nigrum</i>
oat, wild	<i>Avena fatua</i>
panicum, fall	<i>Panicum</i> <i>dichotomiflorum</i>
pepperweed, Virginia	<i>Lepidium virginicum</i>
pigweed	<i>Amaranthus</i> spp.
pineappleweed	<i>Matricaria</i> <i>matricarioides</i>
plantain, slender	<i>Plantago elongata</i>
purslane, common	<i>Portulaca oleracea</i>
radish, wild	<i>Raphanus raphanistrum</i>
ragweed, common	<i>Ambrosia artemisiifolia</i>
rocket, London	<i>Sisymbrium irio</i>
rockpurslane, desert	<i>Calandrinia ciliata</i>
shepherdspurse	<i>Capsella bursa-pastoris</i>
sibara	<i>Sibara virginica</i>
smartweed, Pennsylvania	<i>Polygonum</i> <i>pennsylvanicum</i>
sowthistle, annual	<i>Sonchus oleraceus</i>
speedwell, purslane	<i>Veronica peregrina</i>
sprangletop, Mexican	<i>Leptochloa univervia</i>
telegraphplant	<i>Heterotheca grandiflora</i>
thistle, Russian	<i>Salsola iberica</i>
witchgrass	<i>Panicum capillare</i>

In addition to the weeds listed at the 100 lb/acre rate, the following weeds will be controlled at 150 lb/acre (3.5 lb/1000 sq ft):

Common Name	Scientific Name
aster, heath	<i>Aster ericoides</i>
bittercress	<i>Cardamine oligosperma</i>
bittercress, hairy	<i>Cardamine hirsuta</i>
brassbuttons, southern	<i>Cotula australis</i>
carrot, wild	<i>Daucus carota</i>
chamberbitter	<i>Phyllanthus urinaria</i>
chickweed, mouseear	<i>Cerastium vulgatum</i>
dandelion	<i>Taraxacum officinale</i>
eclipta	<i>Eclipta prostrata</i>

fireweed	<i>Erechtites hieracifolia</i>
foxtail, giant	<i>Setaria faberi</i>
galinsoga, hairy	<i>Galinsoga ciliata</i>
geranium, Carolina	<i>Geranium carolinianum</i>
groundsel, common	<i>Senecio vulgaris</i>
ladysthumb	<i>Polygonum persicaria</i>
lettuce, prickly	<i>Lactuca serriola</i>
lovegrass	<i>Eragrostis</i> spp.
mallow, common	<i>Malva neglecta</i>
mallow, dwarf	<i>Malva rotundifolia</i>
marestail	<i>Hippuris vulgaris</i>
mayweed	<i>Anthemis cotula</i>
morningglory, ivyleaf	<i>Ipomoea hederacea</i>
mustard, black	<i>Brassica nigra</i>
pennywort	<i>Hydrocotyle</i> spp.
phyllanthus, long-stalk	<i>Phyllanthus tenellus</i>
plantain, bracted	<i>Plantago aristata</i>
plantain, broadleaf	<i>Plantago major</i>
plantain, buckhorn	<i>Plantago lanceolata</i>
pokeweed, common	<i>Phytolacca americana</i>
rockpurslane, redmaids	<i>Calandrinia ciliata</i> var. <i>menziesii</i>
ryegrass, annual	<i>Lolium multiflorum</i>
sida, prickly	<i>Sida spinosa</i>
sorrell, red	<i>Rumex acetosella</i>
speedwell, thymeleaf	<i>Veronica serpyllifolia</i>
spurge, hyssop	<i>Euphorbia hyssopifolia</i>
spurge, spotted	<i>Euphorbia maculata</i>
sweetclover, yellow	<i>Melilotus officinalis</i>
tansymustard, green	<i>Descurainia pinnata</i>
velvetleaf	<i>Abutilon theophrasti</i>
woodsorrel, yellow	<i>Oxalis stricta</i>

In addition to the weeds listed at the 100 lb/acre and 150 lb/acre rates, the following weeds will be controlled at 200 lb/acre (4.6 lb/1000 sq ft):

Common Name	Scientific Name
barley, hare	<i>Hordeum leporinum</i>
bedstraw, catchweed	<i>Galium aparine</i>
bromegrass	<i>Bromus</i> spp.
buckwheat, wild	<i>Polygonum convolvulus</i>
burclover, California	<i>Medicago polymorpha</i>
carpetweed	<i>Mollugo verticillata</i>
cheat	<i>Bromus secalinus</i>
clover, red	<i>Trifolium pratense</i>
cocklebur, common	
datura	<i>Datura</i> spp.
dogfennel	<i>Eupatorium capillifolium</i>
eveningprimrose	<i>Oenothera</i> spp.
fescue, rattail	<i>Vulpia myuros</i>
filaree, broadleaf	
filaree, whitestem	<i>Erodium moschatum</i>
flixweed	
goosefoot, nettleleaf	<i>Chenopodium murale</i>
goosegrass	<i>Eleusine indica</i>
groundcherry, cutleaf	

groundcherry, wright	<i>Datura stramonium</i>
jimsonweed	<i>Polygonum</i>
knotweed, silversheath	<i>argyrocoleon</i>
kochia	<i>Kochia scoparia</i>
medic, black	<i>Medicago lupulina</i>
minerslettuce	
mullein, turkey	<i>Eremocarpus setigerus</i>
mustard, blue	
mustard, tumble	<i>Sisymbrium altissimum</i>
nettle, burning	<i>Urtica urens</i>
nettle, stinging	<i>Urtica dioica</i>
nightshade, hairy	
orach, red	
ox tongue, bristly	<i>Picris echioides</i>
pepperweed, yellowflower	
pimpernel, scarlet	<i>Anagallis arvensis</i>
redmaids	
sandbur, field	<i>Cenchrus incertus</i>
sandspurry, red	<i>Spergularia rubra</i>
signalgrass	<i>Brachiaria</i> spp.
sowthistle, spiny	<i>Sonchus asper</i>
spedwell, birdseye	
spurge, petty	<i>Euphorbia peplus</i>
spurge, prostrate	<i>Euphorbia humistrata</i>
spurry, corn	<i>Spergula arvensis</i>
stinkgrass	<i>Eragrostis cilianensis</i>
sunflower	<i>Helianthus</i> spp.
swinecress	<i>Coronopus didymus</i>
thistle, bull	<i>Cirsium vulgare</i>
thistle, musk	<i>Carduus nutans</i>
willoweed, panicle	<i>Epilobium paniculatum</i>
woodsorrel, creeping	<i>Oxalis corniculata</i>

In addition to the weeds controlled, the following weeds will be partially controlled or suppressed at 200 lb/acre (4.6 lb/1000 sq ft):

Common Name	Scientific Name
bindweed, field	<i>Convolvulus arvensis</i>
dock, curly	<i>Rumex crispus</i>
johnsongrass (seedling)	<i>Sorghum halepense</i>
mallow, Venice	<i>Hibiscus trionum</i>
milkweed, honeyvine	<i>Ampelamus albidus</i>
morningglory, tall	<i>Ipomoea purpurea</i>
panicum, Texas	<i>Panicum texanum</i>
pusley, Florida	<i>Richardia scabra</i>
shattercane	<i>Sorghum bicolor</i>

## Uses

### Ornamental Plantings

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**Worker Restricted Entry Interval:** Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours (6 days for Christmas trees) unless PPE required for early entry is worn.

Showcase is recommended as a preemergence application for control of certain broadleaf weeds and annual grasses in container grown ornamentals, landscape ornamentals, field grown ornamentals, ground covers/perennials, Christmas trees, non-bearing fruit and nut crops, and non-bearing vineyards. Apply Showcase anytime prior to germination of target weeds or immediately after cultivation.

Refer to the General Information section of this label for Use Precautions and information on application, application rates and weeds controlled.

### Special Use Precautions

To avoid possible injury, do not apply Showcase to:

- nursery, forest, or Christmas tree: seedling beds, cutting beds, or transplant beds.
- nursery seedbeds or forest or Christmas tree seedling transplant beds.
- unrooted liners or cuttings that have been planted in pots for the first time.
- pots less than 4 inches wide.
- bedding plants or areas where bedding plants will be planted or transplanted within 1 year following application.
- ground covers until they are established and well rooted.

Do not apply Showcase to newly transplanted ornamentals, nursery stock, Christmas trees, ground covers, non-bearing fruit and nut trees and non-bearing vineyards until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Repeat applications at 150 lb per acre and higher should not be made sooner than 60 days after a previous application of Showcase. Do not apply over 600 lb per acre total of Showcase within a 12 month period.

Where loss of stand has occurred in field grown ornamentals, use untreated soil as fill around roots when replacing plants or injury may occur.

**Note: Injury on the following plant species has been observed following applications of Showcase and use is not recommended.**

*Acanthus mollis* (oak leaf acanthus)  
*Achillea millefolium* 'Paprika' (paprika mallow)  
*Agapanthus africanus* (Lily of the Nile)  
*Ajuga* spp. (bugle)  
*Arenaria montana* (mountain sandwort)  
*Arctotheca calendula* (African capeweed)  
*Astilbe chinensis* 'Pumila' (Chinese pumila)  
*Brassica* spp. (mustard)  
*Coreopsis auriculata* 'Nana' (dwarf coreopsis)  
*Cycas revoluta* (cycad)  
*Dicentra luxuriant* (luxuriant bleeding heart)  
*Digitalis purpurea* (foxglove)  
*Echinacea purpurea* (purple coneflower)  
*Erica vagans* 'Mrs. Maxwell' (maxwell's cornish heath)  
*Erica x darley* 'Mediterranean Pink' (Mediterranean pink heath)  
*Euonymus alatus* 'compacta' (dwarf burning bush)  
*Euphorbia* spp. (spurge)  
*Gaultheria shallon* (lemon leaf)  
*Geranium cinereum* 'Ballerina' (ballerina cranesbill)  
*Gypsophila paniculata* (white festival baby's breath)

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*Hemerocallis 'Starburst Red'* (starburst red day lily)  
*Hemerocallis x 'Starburst Red'* (red starburst day lily)  
*Heuchera micrantha 'Palace Purple'* (palace purple coral bells)  
*Hydrangea* spp. (hydrangea)  
*Iberis* spp. (candytuft)  
*Juniperus horizontalis 'Prince of Wales'* (Prince of Wales juniper)  
*Lavandula latifolia* (English spike lavender)  
*Leucothoe axillaris* (coast leucothoe)  
*Limonium perezii* (sea lavender)  
*Liriope spicata 'Silver Dragon'* (silver dragon lily turf)  
*Melaleuca quinquenervia* (cajeput tree)  
*Phlox paniculata* (summer phlox)  
*Podocarpus macrophyllus* (yew podocarpus)  
*Pulmonaria longifolia* (Bertram Anderson lingwort)  
*Rhododendron carolinianum* (Carolina rhododendron)  
*Rhododendron catawbiense 'Roseum elegans'* (Roseum elegans rhododendron)  
*Sedum* spp. (stonecrop)  
*Syagrus romanzoffianum* (queen palm)  
*Vinca minor 'Atropurpurea'* (wine periwinkle)  
*Washingtonia robusta* (Mexican fan palm)  
*Yucca recurvifolia* (green yucca)

**Showcase may be used on the following established plant species** (Note: Limitations on recommended treatment methods):

## Trees

## Recommended Treatment Method:

C = Container Grown

F = Field Grown

Scientific Name	Common Name	
<i>Acer ginnala</i>	Flame maple	F
<i>Acer rubrum</i>	Red maple	F
	Red sunset maple	F
<i>Acer saccharinum</i>	Silver maple	C, F
<i>Betula nigra</i>	Birch, river	C, F
<i>Betula papyrifera</i>	Paper birch	F
<i>Cercis canadensis</i>	Redbud	C, F
<i>Chamaecyparis obtusa</i>	Filicoides-fernspray cypress	F
<i>Chamaecyparis obtusa</i>	Gracilis-slender Hinoki cypress	F
<i>Chamaecyparis pisifera</i>	Sawara-false cypress	F
	Squarrosa-moss cypress	F
<i>Chamaedorea cataractarum</i>	Cat Palm	F
	Palm	C, F
<i>Chamaedorea costaricana</i>	Palm	C, F
<i>Chamaedorea elegans</i>	Parlor palm	C, F
<i>Cornus florida</i>	Cloud nine dogwood	C, F
	Dogwood, flowering	C, F
<i>Cupressus arizonica</i>	Arizona cypress	
<i>Cupressus glabra</i>	Arizona cypress	F
<i>Cupressus sempervirens</i>	Italian cypress	C, F
<i>Ficus benjamina</i>	Ficus	C, F
	Mini ficus	C, F
<i>Juniperus virginiana</i>	Redcedar, Eastern	C, F
<i>Magnolia grandiflora</i>	Magnolia, Southern	C, F
<i>Picea abies</i>	Pendula-weeping Norway spruce	C, F
	Repens-spreading Norway spruce	C, F

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<i>Picea glauca</i>	Spruce, Norway	C, F
<i>Picea glauca conica</i>	Conica-dwarf Alberta spruce	C, F
<i>Picea pungens</i>	Dwarf Alberta spruce	F
	Dwarf globe blue spruce	C, F
	Glaucous-Colorado blue spruce	C, F
	Hoopsii-Hoop's blue spruce	C, F
	Koster-Koster blue spruce	F
<i>Pinus aristata</i>	Bristlecone pine	F
<i>Pinus canariensis</i>	Canary Island pine	F
<i>Pinus contorta</i>	Shore pine, beach pine	F
<i>Pinus mugo</i>	Pumilio-shrubby swiss mountain pine	C, F
<i>Pinus radiata</i>	Monterey pine	F
<i>Pinus strobus</i>	Eastern white pine	C, F
<i>Pinus strobus</i>	white pine	C, F
<i>Pinus sylvestris</i>	Columnar Scotch pine	C, F
	Scotch pine	C, F
<i>Pinus thunbergiana</i>	Japanese black pine	C, F
<i>Podocarpus</i> spp.	Podocarpus	F
<i>Prunus yedoensis</i>	Yoshino flowering cherry	F
<i>Quercus ilicifolia</i>	Bear oak	F
<i>Quercus palustris</i>	Pin oak	F
<i>Quercus phellos</i>	Willow oak	C, F
<i>Quercus rubra</i>	Red oak	C, F
<i>Quercus virginiana</i>	Live oak	C, F

**Shrubs****Recommended Treatment Method****C = Container Grown****F = Field Grown****Scientific Name****Common Name**

<i>Abelia grandiflora</i>	Edward Goucher abelia	C, F
	Glossy abelia	C, F
<i>Acacia abyssinica</i>	Abyssinica acacia	C, F
<i>Acacia redolens</i>	Acacia, prostrate	C, F
<i>Acacia stenophylla</i>	Shoestring acacia	C, F
<i>Acer ginnala</i>	Amur maple	C, F
<i>Acer palmatum</i>	Coral bark Japanese maple	C, F
	Dwarf Japanese maple	C, F
<i>Berberis gladwynensis</i>	William Penn barberry	C, F
<i>Berberis mentorensis</i>	Mentor barberry	C, F
<i>Bougainvillea</i> spp.	Barbara Karst	C, F
<i>Buxus x 'Green velvet'</i>	Green velvet boxwood	C, F
<i>Buxus microphylla japonica</i>	Boxwood, Japanese	C, F
<i>Buxus microphylla Koreana</i>	Korean boxwood	F
<i>Buxus sempervirens</i>	Boxwood, common	C, F
<i>Callistemon citrinus</i>	Bottlebrush, lemon	F
<i>Callistemon viminalis</i>	Weeping bottlebrush	C, F
<i>Camellia japonica</i>	Camellia	C, F
<i>Chamaecyparis obtusa</i>	Kosteri cypress	C, F
	Nana-dwarf Hinoki cypress	C, F
	Torulosa cypress	C, F
<i>Chamaecyparis pisifera</i>	baileyi-dogwood	F
	Flaviramea-dogwood	F
	Squarrosa Minima cypress	C, F
<i>Chamaecyparis pisifera</i> spp.	Filifera-thread cypress	C, F



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<i>Cornus alba</i>	Sibirica-Siberian dogwood	C, F
<i>Cornus stolonifera</i>	Baileyi-red-osier dogwood	F
	Flaviramea-yellowtwig dogwood	F
<i>Cotoneaster adpressus</i>	Praecox-early cotoneaster	C, F
<i>Cotoneaster apiculatus</i>	Cotoneaster, cranberry	C, F
<i>Cotoneaster congestus</i>	Cotoneaster, Pyrenees	C, F
<i>Cotoneaster dammeri</i>	Cotoneaster, bearberry	C, F
<i>Cotoneaster himalayan</i>	Himalayan cotoneaster	C, F
<i>Cotoneaster horizontalis</i>	Cotoneaster, rock	C, F
<i>Cotoneaster opiculata</i>	Cotoneaster	C, F
<i>Cytisus praecox</i>	Hollandia-warminster broom	C, F
<i>Cytisus scoparius</i>	Lena-Scotch broom	C, F
<i>Cytisus</i> spp.	Holandia-Scotch broom	F
<i>Elaeagnus pungens</i>	Fruitland silver berry	C, F
<i>Euonymus</i> x 'Aureo variegatus'	Gold spot euonymus	C, F
<i>Euonymus</i> x 'Chollipo'	Chollipo euonymus	C, F
<i>Euonymus fortunei</i>	Canadale gold euonymus	C, F
	Emerald'n gold euonymus	F
	Sunspot euonymus	C, F
<i>Euonymus japonica</i>	Variegated evergreen euonymus	C, F
<i>Euonymus kiatschovica</i>	Spreading euonymus	C, F
<i>Euonymus vegetus</i>	Bigleaf wintercreeper	C, F
<i>Forsythia intermedia</i>	Forsythia, border	C, F
<i>Forsythia</i> x 'Spring glory'	Spring glory forsythia	C, F
<i>Gelsemium sempervirens</i>	Carolina jessamine	C, F
<i>Hibiscus rosa-sinensis</i>	Ross Estey-hibiscus	C, F
<i>Ilex aquifolium</i>	Balkans holly	F
	Gold coast holly	F
<i>Ilex aquipernyi</i>	San Jose holly	C, F
<i>Ilex attenuata</i>	Savannah holly	C, F
<i>Ilex cornuta</i>	Burford holly	C, F
	dwarf Burford holly	C, F
	needle point holly	C, F
<i>Ilex crenata</i>	Compacta-dwarf Japanese holly	C, F
<i>Ilex crenata</i>	Convexa holly	C, F
	Dwarf Chinese holly	C, F
	Green luster holly	C, F
	Hetzii's Japanese holly	C, F
	Stokesii Japanese holly	C, F
<i>Ilex glabra</i>	compacta-compact inkberry holly	C, F
	Nordica-inkberry holly	C, F
<i>Ilex meserveae</i>	Blue boy holly	C, F
	Blue girl holly	C, F
	China boy holly	
	China girl holly	
	Ebony magic holly	F
<i>Ilex vomitoria</i>	Nana-dwarf yaupon holly	C, F
	Pendula-weeping yaupon holly	C, F
	yaupon holly	C, F
<i>Juniperus chinensis</i>	hollywood juniper	C, F
	Media-old gold juniper	C, F
	pfitzer juniper	C, F
	Pfitzerana glauca-blue juniper	C, F
	Pfitzerana-pfitzer juniper	C, F
	Sea green juniper	F
	Torulosa-hollywood juniper	C, F

<i>Juniperus conferta</i>	Emerald sea shore juniper	C, F
	Shore juniper	C, F
<i>Juniperus horizontalis</i>	Andorra juniper	C, F
	Bar Harbor juniper	C, F
	Blue chip juniper	C, F
	Blue rug juniper	C, F
	Creeping juniper	C, F
	Dwarf Andorra juniper	C, F
	Huntington blue juniper	C, F
	Plumosa-Andorra juniper	C, F
	Wiltonii-blue carpet juniper	C, F
<i>Juniperus procumbens</i>	Nana-dwarf Japaneses garden juniper	C, F
<i>Juniperus prostrata</i>	Prostrata juniper	C, F
<i>Juniperus sabina</i>	Broadmoor juniper	C, F
	Foemina-Hicks juniper	C, F
	Savin juniper	C, F
	Tamariscifolia-Tam juniper	C, F
<i>Juniperus scopulorum</i>	Emerald green juniper	F
<i>Juniperus squamata</i>	Blue juniper	C, F
	Blue star juniper	C, F
	Parsonii juniper	C, F
<i>Ligustrum japonicum</i>	Privet, Japanese	C, F
	wax ligustrum	C, F
	yellow tip ligustrum	C, F
<i>Ligustrum lucidum</i>	Privet, glossy	C, F
<i>Ligustrum ovalifolium</i>	California privet	F
<i>Ligustrum texanum</i>	Howardi privet	C, F
	wax leaf privet	C, F
<i>Ligustrum vicaryi</i>	Privet, golden	F
	Vicary golden privet	F
<i>Ligustrum vulgare</i>	Lodense privet	C, F
<i>Lonicera fragrantissima</i>	Winter honeysuckle	C, F
<i>Lonicera periclymenum</i>	Flowering woodbine	C, F
	Serotina woodbine	C, F
<i>Lonicera sempervirens</i>	Trumpet honeysuckle	C, F
<i>Mahonia aquifolium compacta</i>	Dwarf Oregon grape	C, F
<i>Mahonia bealei</i>	Leather leaf mahonia	C, F
<i>Mahonia repens</i>	Creeping mahonia	C, F
<i>Nerium oleander</i>	Hardy red oleander	C, F
	Oleander	C, F
	Ruby lace oleander	C, F
<i>Photinia fraseri</i>	Fraser's photinia	C, F
<i>Pinus mugo</i>	Mugo-mugho pine	C, F
<i>Pittosporum tobira</i>	Green pittosporum	C, F
	Wheeler's dwarf pittosporum	C, F
<i>Potentilla fragiformis</i>	Cinquefoil	F
<i>Potentilla fruticosa</i>	Cinquefoil	C, F
	Gold drop pontentilla	F
	Red ace potentilla	C, F
	Sunset potentilla	C, F
	Tangerine potentilla	C, F
<i>Potentilla verna</i>	Spring cinquefoil	C, F
<i>Pyracantha fortuneana</i>	Lolendei Monrovia pyracantha	C, F
	Monon pyracantha	F
	Red elf hybrid pyracantha	F
	Rutgers hybrid pyracantha	C, F

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	Santa Cruz pyracantha	C, F
	Victory pyracantha	F
<i>Raphiolepis indica</i>	Charisma-Monruce raphiolepis	C, F
	Enchantress-Moness raphiolepis	F
	Raphiolepis (India hawthorn)	C, F
	Springtime-Monme raphiolepis	F
<i>Raphiolepis ovata</i>	Roundleaf raphiolepis	C, F
<i>Rhododendron calendulaceum</i>	Cannon's double azalea	C, F
	Flame azalea	F
	Golden flare azalea	C, F
	Klondike azalea	C, F
<i>Rhododendron campylocarpum</i>	Butterfly rhododendron	F
<i>Rhododendron carolinianum x daurium</i>	PJM rhododendron	C, F
<i>Rhododendron catawbiense</i>	Catawba album rhododendron	C, F
	Catawba rhododendron	C, F
	Lord Roberts rhododendron	C, F
	Rocket rhododendron	C, F
<i>Rhododendron caucasicum x ponticum</i>	Cunningham White rhododendron	C, F
<i>Rhododendron exbury</i>	Cannon's double azalea	C, F
	golden flare azalea	C, F
	Klondike azalea	C, F
<i>Rhododendron forrestii repens</i>	Gomer Waterer rhododendron	C, F
<i>Rhododendron forrestii x griersonianum</i>	Elizabeth rhododendron	C, F
<i>Rhododendron griffithianum</i>	Jean Marie rhododendron	C, F
<i>Rhododendron hybrid spp.</i>	America rhododendron	C, F
	Nova Zembla rhododendron	C, F
	Scintillation rhododendron	C, F
<i>Rhododendron impeditum</i>	Rhododendron	C, F
<i>Rhododendron indica</i>	Formosa azalea	C, F
<i>Rhododendron indica</i>	Waucabusa azalea	C, F
<i>Rhododendron kaempferi</i>	Blue danube azalea	C, F
<i>Rhododendron kerume</i>	Coral bells azalea	C, F
	Hino pink azalea	C, F
	Mildred azalea	C, F
<i>Rhododendron maximum</i>	Rhodie max (rosebay)	C, F
<i>Rhododendron mucronulatum</i>	Rhododendron	F
<i>Rhododendron ponticum</i>	Chionoides rhododendron	C, F
<i>Rhododendron ponticum</i>	Daphnoides rhododendron	C, F
<i>Rhododendron x 'purple gem'</i>	Purple gem rhododendron	C, F
<i>Rhododendron racemosum</i>	Dwarf scarlet wonder rhododendron	C, F
	Tribly rhododendron	C, F
	Unique rhododendron	C, F
	Vulcan rhododendron	C, F
<i>Rhododendron sassthigiatim x carolinianum</i>	Ramapo rhododendron	C, F
<i>Rhododendron satuski</i>	Gumpo pink azalea	C, F
	Higasa azalea	F
	Reijn azalea	C, F
<i>Rhododendron spp. hybrids</i>	Carror azalea	C, F
	Fashion azalea	C, F
	Gerard Christina azalea	F
	Girard Roberta azalea	C, F
	Golden flare exbury azalea	F
	Helmut vogel azalea	F
	Hersey red azalea	F
	Hot shot azalea	C, F

	Hume azalea	F
	Inga azalea	F
	Irene Koster azalea	C, F
	President Clay azalea	C, F
	Tradition azalea	C, F
<i>Spiraea bumalda</i>	Anthony Waterer spiraea	C, F
<i>Spiraea x cinerea 'Grefsheim'</i>	First snow spiraea	
<i>Spiraea japonica</i>	Dolchia spiraea	C, F
	Japanese alpine spiraea	C, F
	Shirobana spiraea	C, F
<i>Spiraea vanhouttei</i>	Bridal wreath	C, F
<i>Syringa rothomagensis</i>	Chinese lilac	C, F
<i>Syringa vulgaris</i>	Lilac, common	F
<i>Taxus cuspidata</i>	Yew, Japanese	F
<i>Ternstroemia gymnanthera</i>	Ternstroemia, Japanese	C, F
<i>Thuja occidentalis</i>	Emerald arborvitae	C, F
	Globosa-globe arborvitae	C, F
	Little giant-dwarf arborvitae	C, F
	Nigra-dark American arborvitae	C, F
	Pyramidalis arborvitae	C, F
	Rheingold arborvitae	C, F
	Techny arborvitae	F
<i>Thuja occidentalis</i>	Woodwardii arborvitae	C, F
<i>Thuja orientalis</i>	Aureus nana-dwarf golden arborvitae	C, F
	Minima glauca-dwarf arborvitae	C, F
<i>Viburnum bodnantense</i>	Pink dawn viburnum	C, F
<i>Viburnum carlesii</i>	Koreanspice viburnum	C, F
<i>Viburnum davidii</i>	David viburnum	C, F
<i>Viburnum japonicum</i>	Viburnum	F
<i>Viburnum judd (v. X juddii)</i>	Viburnum	C, F
<i>Viburnum lantana</i>	Wayfaring tree	F
<i>Viburnum opulus sterile</i>	Common snowball viburnum	F
<i>Viburnum plicatum tomentosum</i>	Doublefile viburnum	C, F
<i>Viburnum setigerum</i>	Tea viburnum	F
<i>Viburnum trilobum</i>	Cranberry bush	C, F
<i>Viburnum trilobum compactum</i>	Dwarf cranberry bush	C, F
<i>Viburnum x pragense</i>	Viburnum	C, F
<i>Xylosma congestum</i>	Xylosma	F

## Groundcovers/Perennials

### Recommended Treatment Method:

C = Container Grown

F = Field Grown

Scientific Name	Common Name	
<i>Catharanthus roseus</i>	Madagascar periwinkle	C, F
<i>Hypericum</i> spp.	St. Johnswort	C, F
<i>Jasminum nitidum</i>	Angelwing jasmine	C, F
<i>Lonicera japonica</i>	Honeysuckle, Japanese	F
<i>Verbena peruviana</i>	St. Paul verbena	C, F
<i>Vinca major</i>	Periwinkle, bigleaf	C, F

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**Non-Bearing Fruit and Nut  
Tree and Non-Bearing  
Vineyards<sup>†</sup> (Dormant  
Application)**

**Recommended  
Treatment Method:**  
C = Container Grown  
F = Field Grown

**Common Name**

apricot	F
blueberry	F
cherry, sour	F
cherry, sweet	F
nectarine	F
peach	F
plum	F
prune	F

<sup>†</sup>Non-bearing fruit and nut trees and non-bearing vineyards are defined as plants which will not bear fruit for at least one year after treatment.

**Ornamental Bulbs**

Do not use Showcase in bulb production fields. For use in landscape settings only.

Showcase may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply Showcase to the soil surface 2 to 4 weeks after planting but prior to the emergence of annual weeds. Showcase may also be applied following bulb emergence but prior to flowering and after flowering. For fall planted bulbs, apply Showcase again in late winter or early spring to weed-free soil surfaces.

**Special Use Precautions:**

Do not apply to tulip plants that have emerged to a height greater than 3/4 inch.  
Do not apply to gladiolus prior to emergence or if corms are less than 1 inch in diameter.  
Do not apply to bulbs while they are flowering.

**Shadehouse Areas**

Showcase may be applied in open shadehouse-type structures where the natural flow of air is unimpeded. Do not apply in enclosed greenhouses or in enclosed shadehouse-type structures. Do not apply within 3 weeks prior to enclosing greenhouse or poly-type structures.

**Non-Cropland**

Showcase is recommended as a preemergence application for control of certain broadleaf weeds and annual grasses on non-cropland areas such as industrial sites, utility substations, highway guardrails, sign posts, delineators, etc. Apply Showcase anytime prior to germination of target weeds. Areas to be treated should be free of established weeds or existing weeds should be controlled with postemergence herbicides.

Refer to the General Information section of this label for Use Precautions and information on Application, Application Rates, and Weeds Controlled.

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**Terms and Conditions of Use**

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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. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

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**Warranty Disclaimer**

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

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**Inherent Risks of Use**

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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 Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

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**Limitation of Remedies**

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The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

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

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the 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 07/07/04

23/23

308/2E  
December 20, 2004



Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U. S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1801 South Bell Street  
Arlington, VA 22202

SHOWCASE (AI: TRIFLURALIN, ISOXABEN, OXYFLUORFEN)  
EPA REGISTRATION NUMBER: 62719-516  
NOTIFICATION OF MINOR LABEL CHANGE PER PR NOTICE 98-10

Enclosed please find labeling for the notification action of Showcase™ specialty herbicide based on EPA-accepted copy dated July 4, 2004 and notification coded "Q5E/Showcase/Notif/12-06-4."

Please refer to the Registration Notes page for a detailed listing of the changes.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Contents of Submission**

- Transmittal document (this letter)
- Application for Pesticide, EPA Form 8570-1 with attached Registration Notes
- Label entitled Showcase (Q5E/Showcase/MSTR Notif/12-15-04)  
(18 Pages plus Registration Notes) (5 Copies)

If you require further information, please contact Cindy Loy, Regulatory Specialist at 317-337-4655 or Chris Hutchison, Registration Assistant for this product, at 317-337-4976.

Sincerely,

A handwritten signature in cursive script that reads "Cindy Loy".

Kimberly S. Gilbert  
Regulatory Leader  
Regulatory Success – Americas  
317-337-4685  
317-337-4649 (FAX)

ch/  
Enclosures

