



62719-516

9/13/2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

SEP 13 2005

Ms. Kimberly S. Gilbert
Regulatory Manager
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Dear Ms. Gilbert:

Subject: Showcase™

EPA Registration No. 62719-516

Application and Your Letter Dated February 15, 2005,
and Your Letter Dated June 8, 2005, Request To Amend
Registration as Described in your February 15, 2005
Letter and Your Letter Dated June 8, 2005: Restructured
Label into Master Label Format with Separate Labels for
Commercial and Residential Uses

The amended labeling for Showcase has been reviewed and
found acceptable as an amendment to the registration of this
pesticide product under the Federal Insecticide, Fungicide and
Rodenticide Act (FIFRA), as amended, provided that you:

1. Revise the "Sub Label A: Commercial Uses" labeling as follows:
 - a. Revise the chemical names for trifluralin and oxyfluorfen in the ingredient statement to reflect CAS names for these active ingredients, as required by PR Notice 97-5. The CAS names for these active ingredients are given in the enclosed pages.
 - b. As the REI for this product is based on the most protective REI as stated in PR Notice 93-7 for any of the three active ingredients, for Showcase this is 24 hours for oxyfluorfen, except when use in the culture of Christmas trees, a 6 day REI has been established as the protective REI. To accommodate

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REI for this use site, give two REIs, one for all uses except for Christmas trees (REI, 24 hours), and one for use in the culture of Christmas Trees (REI, 6 days). Place these REIs in the "Agricultural Use Requirements" box with the other "Worker Protection Standard" information. Revise page 10 by deleting the "Worker Restricted Entry Interval" section.

- c. On pages 11, 12 and 17, revise the heading that reads "Recommended Treatment Method" to read: "Culture Method"
 - d. Give the information on page 17, under the heading "Shadehouse Areas" in the "General Information" and "Use Precautions and Restrictions" sections. The use precautions and restrictions in that section should be organized either as numbered or as bullet statements for clarity. Directions in that section should be separated from the precautions and restrictions presently in that section, and added to the "General Information" section where the **expectations** from use of this product are described.
 - e. Revise the "Weeds Controlled or Suppressed by Showcase" by listing the weeds controlled at a given dosages only once. For example, you list annual bluegrass under both the 100 lb/acre and the 150 lb/acre dosages. As written this is a disconnect with the statement: "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)". Correct this error of construction on pages 6, 7, 8, and 9, where it occurs.
2. Revise the "Sub Label B: Residential Uses" labeling as follows:
- a. On page 19, delete the following claims:
"Offers plant tolerance", "Won't wash away", "Weed and feed with one application", "Controls tough grasses and weeds (such as crabgrass, oxalis woodsorrel, spurge, bittercrest)", "Apply any time (Spring, summer, fall)", "Use for a (beautiful) weed free landscape", "Easy to use", and "Eliminate (time Consuming) hand weeding". These statements may be considered as false and misleading statements used in context with the labeling.

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- b. Revise the chemical names for trifluralin and oxyfluorfen in the ingredient statement to reflect CAS names for these active ingredients, as required by PR Notice 97-5. The CAS names for these active ingredients are given in the enclosed pages.
 - c. Revise the "Environmental Hazards" Section on page 21 to comply with required language stated on page 85 of the Reregistration Eligibility Decision (RED) for Trifluralin (EPA 738-R-95-040, April 1996).
 - d. Give information on page 45, under the heading "Shadehouse Areas" in the General Information" and "Use Precautions and Restrictions" sections. The use precautions and restrictions in that section should be presented either as numbered or as bullet statements for clarity. Directions in that section should be separated from the precautions and restrictions presently in that section and added to the "General Information" section where the expectations from use of this product are described.
- 3 Submit one copy of the final printed labeling prior to shipping under the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of this product under the revised labeling constitutes acceptance of these conditions. A stamped copy of the accepted labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Joanne I. Miller

Product Manager (23)

Herbicide Branch

Registration Division (7505C)

Enclosures (3)

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[Sub Label A: Commercial Uses]

(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: α, α, α -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.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

SEP 13 2005

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

62719-516**Keep Out of Reach of Children****CAUTION PRECAUTION**

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**

**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 ≥ 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 (≥ 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.

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

EPA Reg. No. 62719-516

EPA Est. _____

™Trademark of Dow AgroSciences LLC

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

Net Weight __ lb

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(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

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covers/perennials, non-bearing fruit and nut trees, non-bearing vineyards and non-cropland areas. Apply 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 stolons, 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 or 200 lb per acre 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.

Treatment of 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 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

- 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

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

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	Scientific Name
aster, slender	<i>Aster exilis</i>
barnyardgrass	<i>Echinochloa crus-galli</i>
bluegrass, annual	<i>Poa annua</i>
bursage, annual	<i>Ambrosia acanthicarpa</i>
celery, wild	<i>Apium leptophyllum</i>
chickweed, common	<i>Stellaria media</i>
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>

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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>
mulberry weed	<i>Fatoua villosa</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>pensylvanicum</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>
bluegrass, annual	<i>Poa annua</i>
brassbuttons, southern	<i>Cotula australis</i>
carrot, wild	<i>Daucus carota</i>
chamberbitter	<i>Phyllanthus urinaria</i>
chickweed, mouseear	<i>Cerastium vulgatum</i>
crabgrass	<i>Digitaria</i> spp.
dandelion	<i>Taraxacum officinale</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>
eclipta	<i>Eclipta prostrata</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	
jimsonweed	<i>Datura stramonium</i>
knotweed, silversheath	<i>Polygonum</i>

	<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>
speedwell, birdseye	
spurge, hyssop	<i>Euphorbia hyssopifolia</i>
spurge, petty	<i>Euphorbia peplus</i>
spurge, prostrate	<i>Euphorbia humistrata</i>
spurge, spotted	<i>Euphorbia maculata</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

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™ specialty herbicide 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:

- plants with leaves in a whorled arrangement, such as daylily, which can funnel particles to the crown of the plant.
- plants with wet leaf surfaces from rain, irrigation or dew. If particles are retained on leaf surfaces, they should be completely removed by irrigation as soon as possible or injury will result.
- 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 or 200 lb per acre 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)
Arctotheca calendula (African capeweed)
Arenaria montana (mountain sandwort)
Astilbe chinensis 'Pumila' (Chinese pumila)
Brassica spp. (mustard)
Coreopsis auriculata (dwarf coreopsis)
Dicentra luxuriant (luxuriant bleeding heart)
Digitalis purpurea (foxglove)
Echinacea purpurea (purple coneflower)
Erica spp. (heath species)
Euonymus alatus 'compacta' (dwarf burning bush)
Euphorbia spp. (spurge)

Geranium cinereum 'Ballerina' (ballerina cranesbill)
Gypsophila paniculata (white festival baby's breath)
Heimerocallis spp. (daylily)
Heuchera micrantha (coral bells)
Hydrangea spp. (hydrangea)
Iberis spp. (candytuft)
Impatiens spp.
Juniperus horizontalis 'Prince of Wales' (Prince of Wales juniper)
Lavandula or *Limonium* spp. (lavender)
Leucothoe axillaris (coast leucothoe)
Liriope spp. (lily turf)
Lithodora diffusa 'Grace Ward'
Melaleuca quinquenervia (cajeput tree)
Petunia spp.
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
<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
<i>Chamaedorea cataractarum</i>	Palm	F
<i>Chamaedorea costaricana</i>	Palm	C, F
<i>Chamaedorea elegans</i>	Parlor palm	C, F
<i>Cornus florida</i>	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
<i>Juniperus virginiana</i>	Redcedar, Eastern	C, F
<i>Magnolia grandiflora</i>	Magnolia, Southern	C, F
<i>Picea abies</i>	Spruce, Norway	C, F
<i>Picea glauca</i>	Conica-dwarf Alberta spruce	C, F
<i>Picea glauca conica</i>	Dwarf Alberta spruce	F
<i>Picea pungens</i>	Glauca-Colorado blue spruce	C, 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>	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
<i>Tsuga canadensis</i>	Eastern hemlock	C, F

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

Scientific Name	Common Name	
<i>Abelia grandiflora</i>	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>	Dwarf Japanese maple	C, F
<i>Berberis menthorensis</i>	Mentor barberry	C, F
<i>Bougainvillea</i> spp.	Barbara Karst	C, F
<i>Buxus</i> x 'Green velvet'	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
<i>Chamaecyparis pisifera</i>	Baileyi-dogwood	F
<i>Chamaecyparis pisifera</i> spp.	Filifera-thread cypress	C, F
<i>Cornus alba</i>	Sibirica-Siberian dogwood	C, F
<i>Cornus stolonifera</i>	Baileyi-red-osier 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.	Hollandia-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 x 'Chollipo'</i>	Chollipo euonymus	C, F
<i>Euonymus fortunei</i>	Canadale gold euonymus	C, F
<i>Euonymus japonica</i>	Variegated evergreen euonymus	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 x 'Spring glory'</i>	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
<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
<i>Ilex crenata</i>	Compacta-dwarf Japanese holly	C, F
<i>Ilex glabra</i>	Compacta-compact inkberry holly	C, F
<i>Ilex meserveae</i>	Blue boy holly	C, F
<i>Ilex vomitoria</i>	yaupon holly	C, F
<i>Juniperus chinensis</i>	hollywood juniper	C, F
<i>Juniperus conferta</i>	Emerald sea shore juniper	C, F
<i>Juniperus horizontalis</i>	Blue rug juniper	C, F
<i>Juniperus procumbens</i>	Nana-dwarf Japanese garden juniper	C, F
<i>Juniperus prostrata</i>	Prostrata juniper	C, F
<i>Juniperus sabina</i>	Broadmoor juniper	C, F
<i>Juniperus scopulorum</i>	Emerald green juniper	F
<i>Juniperus squamata</i>	Blue juniper	C, F
<i>Ligustrum japonicum</i>	Privet, Japanese	C, F
<i>Ligustrum lucidum</i>	Privet, glossy	C, F
<i>Ligustrum ovalifolium</i>	California privet	F
<i>Ligustrum texanum</i>	wax leaf privet	C, F
<i>Ligustrum vicaryi</i>	Privet, golden	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
<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>	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
<i>Potentilla fragiformis</i>	Cinquefoil	F
<i>Potentilla fruticosa</i>	Cinquefoil	C, F
<i>Potentilla verna</i>	Spring cinquefoil	C, F
<i>Pyracantha fortuneana</i>	Lolendei Monrovia pyracantha	C, F
<i>Raphiolepis indica</i>	Raphiolepis (India hawthorn)	C, F
<i>Raphiolepis ovata</i>	Roundleaf raphiolepis	C, F
<i>Rhododendron calendulaceum</i>	Cannon's double azalea	C, F
<i>Rhododendron campylocarpum</i>	Butterfly rhododendron	F
<i>Rhododendron carolinianum x dauricum</i>	PJM rhododendron	C, F
<i>Rhododendron catawbiense</i>	Catawba rhododendron	C, F
<i>Rhododendron caucasicum x ponticum</i>	Cunningham White rhododendron	C, F
<i>Rhododendron exbury</i>	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</i> spp.	America 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
<i>Rhododendron maximum</i>	Rhodie max (rosebay)	C, F
<i>Rhododendron mucronulatum</i>	Rhododendron	F
<i>Rhododendron ponticum</i>	Chioniodes 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
<i>Rhododendron sassthigiatim x carolinianum</i>	Ramapo rhododendron	C, F
<i>Rhododendron satuski</i>	Gumpo pink 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>	Japanese alpine 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
<i>Thuja occidentalis</i>	Woodwardii arborvitae	C, F
<i>Thuja orientalis</i>	Aureus nana-dwarf golden 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>Monarda didyma</i>	Bee balm	C, F
<i>Verbena peruviana</i>	St. Paul verbena	C, F
<i>Vinca major</i>	Periwinkle, bigleaf	C, F

**Non-Bearing Fruit and Nut
Tree and Non-Bearing
Vineyards[†] (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

[†]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™ specialty herbicide 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, and delineators. 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.

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

Warranty Disclaimer

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

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. 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.

Limitation of Remedies

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.

™Trademark of Dow AgroSciences LLC
EPA-Accepted ___/___/___

ACCEPTED
with COMMENTS
In EPA Letter Dated:

SEP 13 2005

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

62719-516

20 830

[Sub Label B: Residential Uses]

(Front panel):

(logo) Dow AgroSciences

Showcase™

Specialty Herbicide

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

- Landscape Ornamentals
- Container Grown Ornamentals
- Ground Covers/Perennials
- Non-Bearing Fruit and Nut Trees
- Non-Bearing Vineyards

For Residential Use Only

and/or

Prevents [both] grasses and broadleaf weeds [with one application] [before they get started]

and/or

Prevents weeds [up to six months]

and/or

Season long weed preventer

and/or

One application prevents weeds [all season]

and/or

Works season long

and/or

Provides up to 6 months of weed control

and/or

Stops weeds before they start

and/or

Offers plant tolerance

and/or

Won't wash away

and/or

Weed and feed with one application

and/or

Controls tough grasses and weeds [such as crabgrass, oxalis, woodsorrel, spurge, bittercrest]

and/or

Apply anytime [spring, summer, fall]

and/or

Use for a [beautiful] weed free landscape

and/or

Easy to use

and/or

Eliminate [time consuming] hand weeding

Active Ingredients:

trifluralin: α, α, α -trifluoro-2,6-dinitro-N,
N-dipropyl-p-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.

[Editor's note: Supplemental distributor will add fertilizer analysis and derivation statement for fertilizer carrier used.]

Guaranteed Fertilizer Analysis	
Total Nitrogen (N).....	X.X%
X.X% Nitrate Nitrogen	
X.X% Water Soluble Nitrogen	
X.X% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	X.X%
Soluble Potash (K ₂ O)	X.X%

Keep Out of Reach of Children

CAUTION PRECAUTION

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

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 ≥14 mils). Remove and wash contaminated clothing before reuse.

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

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

Refer to back panel for Directions for Use including Storage and Disposal.

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

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

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

EPA Reg. No. 62719-516

EPA Est. _____

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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.

Not for use on plants grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on lawns and grounds.

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: If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-992-5994 for disposal instructions. Never place unused product down any indoor or outdoor drain.

General Information

Showcase™ specialty herbicide, a preemergence product, is for use by homeowners for control of certain broadleaf weeds and annual grasses in container and landscape ornamentals, ground covers/perennials, non-bearing fruit and nut trees, and non-bearing vineyards. Apply Showcase anytime prior to germination of target weeds, or immediately after preparing the soil. 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 container grown ornamentals, non-bearing fruit and nut trees and non-bearing vineyards.

Application Restrictions: Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

Entry Restrictions: Do not allow people or pets to enter the treated area until dusts have settled. If watering in is required after the application, do not enter or allow others to enter the treated areas (except those involved in the watering) until the watering in is complete and the surface is dry.

Showcase controls weeds growing from seed. Showcase does not control established weeds, weeds growing from stolons, rhizomes, or root pieces. Existing weeds should be controlled by digging them up 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, activate Showcase by 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 3.5 lb/1000 sq ft or 4.6 lb/1000 sq ft should not be made sooner than 60 days after a previous application of Showcase. Do not apply over 14 lb/1000 sq ft 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.

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 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 plant 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

- 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 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

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

1 lb of Showcase = 0.75 quart = 3 cups

Spreader Settings as a Guide for Calibration

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.

Settings for Spreader

Speed (mph)	Recommended Rate of Showcase		
	2.30 lb/1000 sq ft	3.5 lb/1000 sq ft	4.60 lb/1000 sq ft
2.0	XX	XX	XX
2.5	XX	XX	XX
3.0	XX	XX	XX

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 2.3 lb/1000 sq ft:

aster, slender	horseweed	purslane, common
barnyardgrass	jungerice	radish, wild
bursage, annual	knotweed, prostrate	ragweed, common
celery, wild	lambsquarters, common	rocket, London
chickweed, common	mallow, little	rockpurslane, desert
clover white	mulberry weed	shepherdspurse
cudweed, purple	mustard, Indian	sibara
cupgrass, southwestern	mustard, wild	smartweed, Pennsylvania
fiddleneck, coast	nightshade, black	sowthistle, annual
filaree, redstem	oat, wild	speedwell, purslane
fleabane, blackleaved	panicum, fall	sprangletop, Mexican
fleabane, dwarf	pepperweed, Virginia	telegraphplant
foxtail, yellow	pigweed	thistle, Russian
groundcherry, lanceleaf	pineappleweed	witchgrass
henbit	plantain, slender	

In addition to the weeds listed at the 2.3 lb/1000 sq ft rate, the following weeds will be controlled at 3.5 lb/1000 sq ft:

annual bluegrass	geranium, Carolina	plantain, bracted
aster, heath	groundsel, common	plantain, broadleaf
bittercress	ladythumb	plantain, buckhorn
bittercress, hairy	lettuce, prickly	pokeweed, common
brassbuttons, southern	lovegrass	rockpurslane, redmaids
carrot, wild	mallow, common	ryegrass, annual
chamberbitter	mallow, dwarf	sida, prickly
chickweed, mouseear	maretail	sorrell, red
crabgrass	mayweed	speedwell, t hymeleaf
dandelion	morningglory, ivyleaf	sweetclover, yellow
fireweed	mustard, black	tansymustard, green
foxtail, giant	pennywort	velvetleaf
galinsoga, hairy	phyllanthus, long-stalk	woodsorrel, yellow

In addition to the weeds listed at the 2.3 lb/1000 sq ft and 3.5 lb/1000 sq ft rates, the following weeds will be controlled at 4.6 lb/1000 sq ft:

barley, hare	groundcherry, cutleaf	redmaids
bedstraw, catchweed	groundcherry, wright	sandbur, field
bromegrass	jimsonweed	sandspurry, red
buckwheat, wild	knotweed, silversheath	signalgrass
burclover, California	kochia	sowthistle, spiny

carpetweed	medic, black	speedwell, birdseye
cheat	minerslettuce	spurge, hyssop
clover, red	mullein, turkey	spurge, petty
cocklebur, common	mustard, blue	spurge, prostrate
datura	mustard, tumble	spurge, spotted
dogfennel	nettle, burning	spurry, corn
eclipta	nettle, stinging	stinkgrass
eveningprimrose	nightshade, hairy	sunflower
fescue, rattail	orach, red	swinecress
filaree, broadleaf	oxalis	thistle, bull
filaree, whitestem	ox tongue, bristly	thistle, musk
flixweed	pepperweed, yellowflower	willoweed, panicle
goosefoot, nettleleaf	pimpernel, scarlet	woodsorrel, creeping
goosegrass		

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

bindweed, field	mallow, Venice	panicum, Texas
dock, curly	milkweed, honeyvine	pusley, Florida
johnsongrass (seedling)	morningglory, tall	shattercane

Uses

Ornamental Plantings

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

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:

- plants with leaves in a whorled arrangement, such as daylily, which can funnel particles to the crown of the plant.
- plants with wet leaf surfaces from rain, irrigation or dew. If particles are retained on leaf surfaces, they should be completely removed by irrigation as soon as possible or injury will result.
- 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.
- turf or lawn areas adjacent to treated areas.

Do not apply Showcase to newly transplanted ornamentals, 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 3.5 lb/1000 sq ft or 4.6 lb/1000 sq ft should not be made sooner than 60 days after a previous application of Showcase. Do not apply over 14 lb/1000 sq ft total of Showcase within a 12-month period.

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

African capeweed	green yucca	paprika mallow
ballerina cranesbill	heath	petunia spp.
bertram anderson lingwort	hydrangea	Prince of Wales juniper
cajeput tree	impatiens spp.	purple coneflower
candytuft	lavender	queen palm
Carolina rhododendron	Lily of the Nile	roseum elegans rhododendron
Chinese pumila	lily turf (<i>Liriope</i> spp.)	spurge
coast leucothoe	luxuriant bleeding heart	stonecrop
daylily	Mexican fan palm	summer phlox
dwarf burning bush	mountain sandwort	white festival baby's breath
dwarf coreopsis	mustard	wine periwinkle
foxglove	oak leaf acanthus	yew podocarpus
grace ward lithodora		

Showcase may be used on the following established plant species:

Trees

birch, river	magnolia, southern
cloud nine dogwood	mini ficus
columnar Scotch pine	palm
conica-dwarf Alberta spruce	parlor palm
dogwood, flowering	pendula-weeping Norway spruce
dwarf globe blue spruce	pumilio-shrubby swiss mountain pine
eastern hemloc	redbud
eastern white pine	redcedar, eastern
emerald island leyland cypress	red oak
figus	repens-spreading Norway spruce
glauca-Colorado blue spruce	scotch pine
hoopsii-hoop's blue spruce	silver maple
Italian cypress	spruce, Norway
Japanese black pine	white pine
live oak	willow oak

Shrubs

abyssinica acacia	Japanese alpine spiraea
acacia, prostrate	Jean Marie rhododendron
America rhododendron	klondike azalea
amur maple	Koreanspice viburnum
andorra juniper	kosteri cypress
Anthony waterer spiraea	leather leaf mahonia
aureus nana-dwarf golden arborvitae	Lena-scotch broom
bar harbor juniper	little giant-dwarf arborvitae
bigleaf wintercreeper	lodense privet
blue boy holly	lolendei monrovia pyracantha
blue chip juniper	lord roberts rhododendron
blue danube azalea	media-old gold juniper
blue girl holly	mentor barberry
blue juniper	Mildred azalea
blue rug juniper	minima glauca-dwarf arborvitae
blue star juniper	mugo-mugho pine

bougainvillea
 boxwood, common
 boxwood, Japanese
 bridal wreath
 broadmoor juniper
 burford holly
 camellia
 canadale gold euonymus
 cannon's double azalea
 Carolina jessamine
 carror azalea
 catawba album rhododendron
 catawba rhododendron
 charisma-Monruce raphiolepis
 Chinese lilac
 chionoides rhododendron
 chollipo eunonymus
 cinquefoil
 compacta-compact inkberry holly
 compacta-dwarf Japanese holly
 convexa holly
 coral bark Japanese maple
 coral bells azalea
 cotoneaster
 cotoneaster, bearberry
 cotoneaster, cranberry
 cotoneaster, Pyrenees
 cotoneaster, rock
 cranberry bush
 creeping juniper
 creeping mahonia
 cunninham white rhododendron
 daphnoides rhododendron
 David viburnum
 dolchia spiraea
 doublefile viburnum
 dusty-miller/silver ragweed
 dwarf andorra juniper
 dwarf burford holly
 dwarf Chinese holly
 dwarf cranberry bush
 dwarf Japanese maple
 dwarf Oregon grape
 dwarf pink flowering almond
 dwarf scarlet wonder rhododendron
 edward goucher abelia
 Elizabeth rhododendron
 emerald arborvitae
 emerald sea shore juniper
 fashion azalea
 filifera-thread cypress
 flowering woodbine
 foemina-hicks juniper
 formosa azalea
 forsythia, border
 fraser's photinia

nana-dwarf Hinoki cypress
 nana-dwarf Japanese garden juniper
 nana-dwarf yaupon holly
 needle point holly
 nigra-dark American arborvitae
 nordica-inkberry holly
 nova zembla rhododendron
 oleander
 parsonii juniper
 pendula-weeping yaupon holly
 pfitzer juniper
 pfitzerana glauca-blue juniper
 pfitzerana-pfitzer juniper
 pink dawn viburnum
 PJM rhododendron
 plumosa-andorra juniper
 praecox-early cotoneaster
 president clay azalea
 privet, glossy
 privet, Japanese
 prostrata juniper
 purple gem rhododendron
 pyramidalis arborvitae
 ramapo rhododendron
 red ace potentilla
 reijn azalea
 raphiolepis (India hawthorn)
 rheingold arborvitae
 rhodie max (rosebay)
 rhododendron
 rocket rhododendron
 ross estey-hibiscus
 roundleaf raphiolepis
 ruby lace oleander
 rutgers hybrid pyracantha
 san jose holly
 santa cruz pyracantha
 savannah holly
 savin juniper
 scintillation rhododendron
 serotina woodbine
 shirobana spiraea
 shoestring acacia
 shore juniper
 sibirica-siberian dogwood
 spreading euonymus
 spring cinquefoil
 spring glory forsythia
 squarrosa minima cypress
 stokesii Japanese holly
 sunset potentilla
 sunspot euonymus
 tamariscifolia-tam juniper
 tangerine potentilla
 ternstroemia, Japanese
 torulosa cypress

fruitland silver berry	torulosa-hollywood juniper
girard roberta azalea	tradition azalea
globosa-globe arborvitae	tribly rhododendron
glossy abelia	trumpet honeysuckle
gold spot euonymus	unique rhododendron
golden flare azalea	variegated evergreen euonymus
gomer waterer rhododendron	viburnum
green luster holly	vulcan rhododendron
green pittosporum	waucabusa azalea
green velvet boxwood	wax leaf privet
gumpo pink azalea	wax ligustrum
hardy red oleander	weeping bottlebrush
hetzii's Japanese holly	wheeler's dwarf pittosporum
Himalayan cotoneaster	William Penn barberry
hino pink azalea	wiltonii-blue carpet juniper
hollandia-warminster broom	winter honeysuckle
hollywood juniper	woodwardii arborvitae
hot shot azalea	yaupon holly
howardi privet	yellow tip ligustrum
huntington blue juniper	yewpine
irene koster azalea	

Groundcovers/Perennials

angelwing jasmine	Madagascar periwinkle
Asian jasmine	St. Johnswort
bee balm	St. Paul verbena

Non-Bearing Fruit and Nut Tree and Non-Bearing Vineyards† (Dormant Application)

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

†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

For use in landscape settings only.

Showcase™ specialty herbicide 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.

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

Warranty Disclaimer

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. 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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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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1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

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