

62719-445

06/27/2006

1/13

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



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/62719-445	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dow AgroSciences/Dimension® Ultra 40WP	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. Expedited Review. In accordance with FIFRA 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>  JUN 27 2006
<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.)

Changes by Notification: A supplemental label is being created with the use directions for over the top applications to ornamentals taken directly from the EPA-accepted copy of the main label dated May 15, 2006.

Section - III

1. Material This Product Will Be Packaged In:					
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	2. Type of Container <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"/>	
6. Manner in Which Label is Affixed to Product <input 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
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		<b>6. Date Application Received (Stamped)</b>
2. Signature 	3. Title Regulatory Manager	
4. Typed Name Kimberly S. Gilbert ©Trademark of Dow AgroSciences LLC	5. Date June 14, 2006	

G2B / Dimension Ultra 40WP / Sec 3 Suppl Over the Top Notif / 06-14-06  
file: R164-002 Dimension Ultra 40WP Sec 3 Over the Top 14June06N.doc

# Dimension<sup>®</sup> Ultra 40WP

EPA Reg. No. 62719-445

## Registration Notes:

Source section 3 supplemental labeling text based on EPA-accepted copy of the main label dated May 15, 2006.

The use directions on this supplemental label are taken directly from the EPA-accepted copy of the main label dated May 15, 2006.

JUN 27 2006

# Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

## Dimension<sup>®</sup> Ultra 40WP

EPA Reg. No. 62719-445

### For Over The Top Applications to Ornamentals

#### ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Dimension Ultra 40WP specialty herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Dimension Ultra 40WP according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Dimension Ultra 40WP.

#### Directions for Use

This supplemental label allows for over the top applications of Dimension<sup>®</sup> 40WP specialty herbicide to certain ornamentals according to the use directions below. Refer to product label for Dimension Ultra 40WP for General Use Precautions, Mixing and Application instructions.

Dimension<sup>®</sup> Ultra 40WP specialty herbicide provides preemergence control of listed annual grass and broadleaf weeds in areas planted with tolerant ornamental plants listed on this label. It is intended for use on plants being grown for aesthetic purposes in landscaped areas. When applied as directed, the ornamental plants listed on this label have shown tolerance to applications of Dimension Ultra 40WP herbicide. It is impossible, however, to evaluate tolerance to this product on all ornamental plant species or varieties or under all possible growing conditions. Under your growing conditions, it is strongly recommended that a limited area involving only a few plants be treated for tolerance evaluation prior to large-scale applications.

#### Treatment of Turf or Ornamental Species not listed on the Label for Dimension Ultra 40WP

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

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

#### Use Rates

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

Apply Dimension Ultra 40WP with a calibrated sprayer that will assure accurate, uniform, spray distribution. In general, Dimension Ultra 40WP should be thoroughly mixed with clean water at 4 water-

soluble pouches per acre or 0.46 oz of product /1000 square feet (1.25 lb/acre) per application and applied at 20 to 40 psi in a minimum of one gallon of water per 1000 square feet. One 5 ounce water-soluble pouch treats 10, 890 square feet. This product may be applied as a single application or as a split application prior to weed seed germination.

**Application Rates:**

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

**Maximum Use Rates**

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

**Application Timing and Recommendations**

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

Dimension Ultra 40WP is a preemergence herbicide that will control germinating weeds. It will not control weeds that are established. Make applications prior to weed seed germination. The best weed control is obtained when applications are made to soil that is free of clods, weeds and debris such as leaves. Prior to making an application, existing vegetation should be controlled by hand weeding, by cultivation or with a postemergence herbicide. Once an application of this product has been made, do not disturb the soil surface as the herbicide barrier will be broken. Care must be taken that soil or planting mixes have settled firmly following transplanting and that there are no cracks that would allow direct contact of this product and plant roots.

**Precautions**

- Apply this product only to established ornamentals (after transplanting when soil around roots has been thoroughly settled by rainfall or irrigation).
- **Do not** apply this product to bare roots of ornamental plants as injury may result.
- **Do not** incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- **Do not** apply to or around ornamental plants that have been weakened or are under stress (due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes or diseases).
- Drift or direct sprays of this product may injure foliage of non-target plants. **Do not** make applications when weather conditions favor drift to non-target areas.
- **Do not** apply this product on grasses grown for seed.
- **Do not** graze livestock or feed forage cut from areas treated with this product.
- **Do not** apply this product in enclosed structures and greenhouses.

### Tolerant Ornamentals

When applied under the conditions described on this label, ornamentals listed below have shown tolerance in field trials. However, this product has not been tested on all cultivars of each species or under all possible growing conditions. Under your growing conditions, it is strongly recommended that a limited number of plants be treated for tolerance evaluation, prior to initiating large-scale applications. Follow directions given above to determine plant tolerance under your growing conditions prior to large scale use.

Common Name	Botanical Name	Tolerant Cultivars	Recommended Application Method O = Over the top, D= Directed <sup>1</sup>
abelia, dwarf	<i>Abelia X grandiflora</i>	nana	D
abyssinian red banana	<i>Ensete ventricosium</i>	maurelii	O,D
ajuga	<i>Ajuga reptans</i> <i>Ajuga genevensis</i>	bronze bronze beauty	D D
almond, flowering	<i>Prunus glandulosa</i>		D
apple †	<i>Malus pumila</i>		D
arborvitae	<i>Thuja occidentalis</i>	nigra pyramidalis smaragh techny woodwardii	D D D D D
arborvitae, golden	<i>Thuja orientalis</i>	aurea nana	O,D
aster, Chinese	<i>Callistephus chinensis</i>	dwarf queen	D
ash, green	<i>Fraxinus pennsylvanica</i>		D
ash, mountain	<i>Sorbus aucuparia</i>		D
ash, purple	<i>Fraxinus americana</i>		D
azalea	<i>Rhododendron</i> spp.	brilliant buccaneer carror chimes (belgian) elsie lee exbury fashion hardijzer beauty hershey red higasa hinocrimson holland (hybrid) marion lee northern lights orange cup orchid lights snow southern charm	D D D D D D D D D D D D D D D D D D D

	<i>Coleus blumei</i>	red kewpie	D
	<i>Aquilegia</i> spp.		D
r,	<i>Echinacea purpurea</i>		D
f	<i>Acalypha wilkesiana</i>		D
	<i>Coreopsis</i> spp.	moonbeam	D
r	<i>Centaurea</i> spp.		D
er	<i>Cotoneaster apiculatus</i>		D
sh	<i>Baccharis pilularis</i>		D
	<i>Cycas revoluta</i>		D
ald	<i>Taxodium distichum</i>		D
alian	<i>Cupressus sempervirens</i>	glauca	D
false	<i>Chamaecyparis obtusa</i>	gracilis	D
yland	<i>Cupressocyparis leylandii</i>		D
	<i>Narcissus</i> spp.	King Alfred	D
	<i>Hemerocallis</i> spp.	spring glory	D
		aztec gold	D
		bright yellow (hybrid)	D
		single gold (evergreen)	D
		Wilson's yellow	D
weet	<i>Dianthus barbatus</i>		D
	<i>Delphinium elatum</i>	magic fountain	D
	<i>Cornus florida</i>		D
	<i>Cornus sericea</i>	flavarimaea	D
	<i>Pseudotsuga menziesii</i>		D
	<i>Senecio cineraria</i>		D
	<i>Ulmus parvifolia</i>		D
	<i>Europs pectinatus</i>	viridis	O,D
s	<i>Miscanthus sinensis</i>	maiden grass, gracillimus	O,D
	<i>Euonymus fortunei</i>	argenteo-variegata	D
		auereo-marginata	D
		colorata	D
		emerald gaiety	D
		emerald 'n gold	D
		gold edge	D
		gold princess	D
		silver king	D
		tricolor	D
	vegetus	D	
	<i>Chamaerops humilis</i>		D



honeysuckle	<i>Lonicera japonica</i>	clavey's dwarf	D
		halliana	D
		tatarian canadian	D
		white	D
		zebelli red hosta	D
hosta	<i>Hosta</i> spp.	albo marginata	D
	<i>Hosta lancifolia</i>		D
ice plant	<i>Carpobrotus edulis</i>		O,D
ice plant, white trailing	<i>Delosperma alba</i> CT		O,D
impatiens	<i>Impatiens</i> spp.		D
iris	<i>Iris</i> spp.	dwarf blue	D
		wedgewood	
ivy, English	<i>Hedera helix</i>	bulgaria	D
		thorndale	
jasmine, Asian	<i>Trachelospermum asiaticum</i>		D
jasmine, star	<i>Trachelospermum jasminoides</i>		O,D
juniper	<i>Juniperus</i> spp.	arcadia	D
		armstrong	D
		bar harbor	D
	<i>Juniperus horizontalis</i>	blue chip	D
		blue pacific	D
		blue rug	D
	<i>Juniperus horizontalis</i>	blue star	D
		broadmoor	D
		buffalo	D
		Calgary carpet	D
		emerald sea	D
		emerald spreader	D
		endora compacta	D
		fruitlandi	D
		green	D
		gold tip	D
		hetzi	D
		hughes	D
		Manhattan blue	D
		parsoni	D
pfitzeriana		D	
plumosa		D	
prince of wales		D	
procumbens dwarf	D		
san jose	D		
sargent blue	D		
sargent green	D		
scandia	D		
scopulorum	D		
moonglow	D		
scopulorum	D		
skyrocket	D		
spartan	D		
<i>Juniperus chinensis</i>	torulosa	O,D	
	tamariscifolia	D	



	<i>Juniperus sabina</i>	weberi youngstown yukon belle	D D D
king palm	<i>Archontophoenix cunninghamiana</i>		O,D
laurel, Australian	<i>Pittosporum tobira</i>		O,D
laurel, mountain	<i>Kalmia latifolia</i>		D
leucothoe	<i>Leucothoe fontanesiana</i>		D
lily, African	<i>Agapanthus africanus</i>	albus Peter Pan streamline	D D O,D
lily, African blue			D
lily of the valley	<i>Pieris japonica</i>	Mt. Fire	D
lilyturf	<i>Liriope muscari</i>	evergreen giant lilac beauty majestic monroe white silvery sunproof variegata	D D O,D D O,D D
liriope, green	<i>Liriope spicata</i>		D
maple, amur	<i>Acer ginnala</i>	emerald elf	O,D
maple, Japanese	<i>Acer japonicum</i>		D
maple, Norway	<i>Acer platanoides</i>		D
maple, red †	<i>Acer rubrum</i>	red sunset	O,D
maple, silver	<i>Acer saccharinum</i>		D
maple sugar †	<i>Acer saccharum</i>		D
marigold	<i>Tagetes patula</i>	honeycomb variegata wheeler's dwarf	D D D
mock orange †	<i>Philadelphus spp</i>	golden snowflake double white	D D
mondo grass	<i>Ophiopogon japonicus</i>		D
moss rose	<i>Portulaca grandiflora</i>	sunmyside	D
myrtle, crape	<i>Lagerstroemia indica</i>	faurei langer muskogee standard pink	D D D D
myrtle, wax	<i>Myrica cerifer</i>		D
nandina	<i>Nandina domestica</i>	compacta nana	D
narcissus	<i>Narcissus Spp.</i>		D
oak, laurel	<i>Quercus laurifolia</i>		D
oak, pin	<i>Quercus palustris</i>		D
oak, red	<i>Quercus rubra</i>		D
oak, southern l	<i>Quercus virginiana</i>		D
oak, willow	<i>Quercus phellos</i>		D
oleander	<i>Nerium oleander</i>	hardy red petite pink sister agnes	D D D

osteospermum	<i>Osteospermum fruticosum</i>	wirligig	D
pachysandra	<i>Pachysandra terminalis</i>		D
palm, bangalow			D
pampas grass	<i>Cortaderia selloana</i>		D
pansy	<i>Viola x wittrockiana</i>		D
paper flower	<i>Bougainvillea glabra</i>	Barbara Karst	O,D
		James Walker	O,D
peach †	<i>Prunus persica</i>		D
periwinkle, dwarf	<i>Vinca minor</i>		D
petunia	<i>Petunia X hybrida</i>	picoti	D
photinia, red tip	<i>Photinia X fraseri</i>		D
pieris	<i>Pieris japonica</i>		D
pine, Afghan	<i>pinus eldarica</i>		O,D
pine, Australian	<i>Pinus nigra</i>		O,D
	<i>Pieris Taiwanensis</i>		
pine, Japanese black	<i>Pinus thunbergiana</i>		D
pine, loblolly	<i>Pinus taeda</i>		D
pine, longleaf	<i>Pinus palustris</i>		D
pine, mugo	<i>Pinus mugho</i>		D
pine, scotch	<i>Pinus sylvestris</i>		D
pine, slash	<i>Pinus elliotii</i>		D
pine, Swiss mt.	<i>Pinus mugo</i>		D
pine, Virginia	<i>Pinus virginiana</i>		D
pine, white	<i>Pinus strobus</i>		O,D
pineapple, guava †	<i>Feijoa sellowiana</i>		D
plumbago, cape	<i>Plumbago auriculata</i>	Royal cape	O,D
pittosporum, Japan			D
potentilla	<i>Potentilla nepalensis</i>	abbotswood	D
	<i>Potentilla fruticosa</i>		D
privet	<i>Ligustrum japonicum</i>	golden vicary	D
		regal	D
		texanum	O,D
		wax	D
		yellow tipped	D
privet, glossy	<i>Ligustrum lucidum</i>		D
pyracantha	<i>Pyracantha koidzumii</i>	gnome	D
		lalandei	D
		victory	O,D
queen palm	<i>Arecastrum rammanzoffianum</i>		D
quince, Japanese †			D
rhododendron	<i>Rhododendron spp</i>	album	D
		Cunningham white	D

		fashion hardy pjm purple gem silvery pink	D D D D D
rhododendron, Carolina	<i>Rhododendron carolinianum</i>		D
rhododendron, catawba	<i>Rhododendron catawbiense</i>		D
ribbon grass	<i>Phalaris arundinacea</i>		D
rockcress	<i>Arabis spp.</i>	snowcap	D
rhodie max (rosebay)	<i>Rhododendron maximum</i>		D
rose †	<i>Rosa banksiae</i>	luta	D
rose, knockout shrub	<i>Rosa spp. hybrid</i>	knockout	O,D
rosemary †	<i>Rosmarinus officinalis</i>		D
rosemary, bog	<i>Andromeda polifolia</i>	nana	D
salvia	<i>Salvia farinacea</i>	rhea	D
smoketree, royal purple	<i>Cotinus coggyria</i>	royal purple	O,D
sedum	<i>Sedum spurium</i>	dragon blood red red carpet yellow	D
snapdragon	<i>Antirrhinum spp.</i>		D D D
sourwood	<i>Oxydendrum arboreum</i>		D
spiraea	<i>Astilbe X arendsii</i>	fanall	D
spiraea	<i>Spiraea spp.</i>	Anthony waterer red dolchica froebeli pink goldenflame red snowmound white Van Houtte white	D
spiraea, garland	<i>Spiraea spp.</i>		D
spruce, black hills	<i>Picea glauca</i>		D
spruce, Colorado blue	<i>Picea pungens</i>	glauca	O,D
spruce, Norway	<i>Picea abies</i>		O,D
spruce, white	<i>Picea glauca</i>	conica	D
sweetflag, grassy-le			D
sweetgum	<i>Liquidambar styraciflua</i>		D
sycamore	<i>Platanus occidentalis</i>		D

tree fern (tiki fern)	<i>Asparagus virgatus</i>		D
trumpet flower, evening	<i>Gelsemium sempervirens</i>		D
tulip	<i>Tulip, spp</i>	apeldoorn	D
tufted hairgrass	<i>Deschampsia caespitosa</i>		D
verbena, shrub	<i>Lantana sellowiana</i>		D
vervain	<i>Verbena spp.</i>	St. Paul	D
viburnum	<i>Viburnum spp.</i>	opulus 'sterile'	O,D
		American	D
		cranberry bush	D
		arrowood	D
		common snowball	D
		European	D
		cranberry bush	D
		linden	D
mohican	D		
Wright	D		
vinca (periwinkle)	<i>Vinca minor</i>		O,D
windmill palm	<i>Trachycarpus fortunei</i>		D
yarrow	<i>Achillea spp.</i>		D
xylosma	<i>Xylosma congestum</i>		D
yaupon	<i>Ilex vomitoria</i>	dwarf	D
yew	<i>Taxus cuspidata</i>	capitata	O,D
	<i>Taxus cuspidata</i>	denisiformis	D
	<i>Taxus X media</i>		D

<sup>1</sup>Directed means with the spray mixture directed to the soil around and under an ornamental plant minimizing contact with the plant's foliage.

† Ornamental species only. DO NOT USE ON FOOD-PRODUCING TREES AND PLANTS.

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R164-002  
 Accepted: 05/15/06  
 Initial printing.

308/2E  
June 14, 2006



Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U. S. Environmental Protection Agency  
One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

DIMENSION ULTRA 40WP (A.I. DITHIOPYR)  
EPA REGISTRATION NUMBER: 62719-445  
NOTIFICATION OF MINOR LABEL CHANGE PER PR NOTICE 98-10

Enclosed please find supplemental labeling for the notification action of Dimension<sup>®</sup> Ultra 40WP specialty herbicide based on EPA-accepted copy of the main label dated May 15, 2006. The following changes have been made by notification:

1. The use directions for over the top applications to ornamentals on this supplemental label are taken directly from the EPA-accepted copy of the main label dated May 15, 2006.

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
- Label entitled Dimension Ultra 40WP (G2B / Dimension Ultra 40WP / Sec 3 Suppl Over the Top Notif / 06-14-06) (11 Pages plus Registration Notes) (5 Copies)

If you require further information, please contact Amy Hudson, Regulatory Specialist at (317) 337-3967 or Paula McKinnies, Registration Assistant for this product, at (317) 337-4679.

Sincerely,

A handwritten signature in black ink, appearing to read "Amy Hudson".

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

KSG/akh  
Enclosures