

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Dimension[®] 2EW

EPA Reg. No. 62719-542

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

ATTENTION

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

Use Directions

Dimension[®] 2EW specialty herbicide provides preemergence control of listed annual grasses and broadleaf weeds in areas planted with tolerant ornamental plants listed on this label. It is intended for use on plants grown for aesthetic purposes in landscaped areas or in container or field grown production nurseries. When applied as directed, the ornamental plants listed on this label have shown tolerance to over-the-top applications of Dimension 2EW.

Specific Use Precautions and Restrictions:

- Apply Dimension 2EW to established ornamentals only.
- Do not apply this product to bare roots of ornamental plants as injury may result.
- Do not incorporate this product into the soil. Dilution of active ingredient and possible injury to plant roots may occur.
- Do not apply around ornamental plants that have been weakened or are under stress (due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, heat stress, nematodes or diseases).
- Do not apply when weather conditions favor drift to non-target areas. This product may injure foliage of non-target plants unless they are listed on this label.
- Do not apply this product to grasses grown for seed.
- Do not graze livestock or feed forage cut from areas treated with this product.
- Do not apply this product directly to plants that are grown for food (e.g., fruit trees or maple trees tapped for syrup).
- Do not apply this product in enclosed structures and greenhouses.
- Do not apply more than 0.73 oz of Dimension 2EW per 1000 sq ft (2 pints per acre) per application and no more than 2.2 oz of Dimension 2EW per 1000 sq ft (6 pints per acre) per year using split or sequential applications.
- In New York State, do not apply more than 2 pints of Dimension 2EW (0.5 lb active ingredient) per acre per year. In Nassau and Suffolk counties of New York, do not exceed 1 pint per year of this product (equivalent to 0.25 lb of active ingredient per acre).

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

Application Directions

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

To reduce injury potential:

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

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

Application Rates

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

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

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

Tolerant Ornamentals

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

		Acceptable Application Method Noted by a (X)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (X)	
Name	Tolerant Cultivars	Over the Top	Directed	Container Grown	Field/Landscape Grown
abelia, dwarf (<i>Abelia x grandiflora</i>)	nana		X		X
abyssinian red banana (<i>Ensete ventricosum</i>)	maureli	X	X	X	X
Ajuga carpet bugle (<i>Ajuga reptans</i>) (<i>Ajuga genevensis</i>)	bronze bronze beauty		X X		X X
almond, flowering (<i>Prunus gladiosa</i>)			X		X
apple [†] (<i>Malus pumila</i>)			X		X
arborvitae (<i>Thuja occidentalis</i>)	nigra pyramidalis smaragh techny woodwardii		X X X X X		X X X X X
arborvitae, dwarf golden (<i>Thuja orientalis</i>)	aurea nana	X	X	X	X
ash, green (<i>Fraxinus pennsylvanica</i>)			X		X
ash, autumn purple (<i>Fraxinus americana</i>)	autumn purple		X		X
aster, Chinese (<i>Callistephus chinensis</i>)	dwarf queen		X		X
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		X X		X X
azalea, flame (<i>Rhododendron calendulaceum</i>)			X		X
azalea, kirishima (<i>Rhododendron obtusum</i>)			X		X

bamboo, heavenly (<i>Nandina domestica</i>)	compacta nana		X X		X X
barberry, Japanese (<i>Berberis thunbergii</i>)	aurea dwarf pygmy green kobold pygmy red rose glow		X X X X X X		X X X X X X
barberry, purple (<i>Berberis thunbergii</i> var atropurpurea)	atropurpurea		X		X
basket flower (<i>Gaillardia grandiflora</i>)			X		X
beach grass (<i>Ammophila breviligulata</i>)			X		X
bearberry (common) (<i>Arctostaphylos uva-ursi</i>)	Massachusetts		X		X
bee balm (<i>Monarda didyma</i>)			X		X
begonia (<i>Begonia</i> spp.)			X		X
birch, river (<i>Betula nigra</i>)			X		X
blackeyed Susan (<i>Rudbeckia hirta</i>)	goldstrum		X		X
blanket flower (<i>Gaillardia</i> spp.)			X		X
blue fescue (<i>Festuca ovina</i>)			X		X
blueberry [†] (<i>Vaccinium</i> spp.)	bluecrop blue jay Jersey north blue northland		X X X X X		X X X X X
bottlebrush (<i>Callistemon citrinus</i>)	Little John	X	X	X	X
bougainvillea (<i>Bougainvillea spectabilis</i>)	James Walker Scarlet O' Hara	X	X X	X	X X
boxwood (<i>Buxus microphylla</i>)	japonica		X		X
boxwood, green beauty (<i>Buxus microphylla</i> <i>japonica</i>)	green beauty	X	X	X	X
boxwood, welleri (<i>Buxus sempervirens</i>)	winter gem	X	X	X	X
broom (<i>Cytisus scoparius</i>) (<i>Genista pilosa</i>)	moonlight Vancouver gold		X X		X X
camellia (<i>Camellia japonica</i>) (<i>Camellia sasanqua</i>)	debutante mathotiana supreme chansonette setsukgekka	X X	X X X X	X X	X X X X

candytuft (<i>Iberis sempervirens</i>)	snow white		x		x
carex, variegated (<i>Carex</i> spp.)			x		x
carpet bugle (<i>Ajuga reptans</i>) (<i>Ajuga genevensis</i>)	bronze bronze beauty		x x		x x
cedar, red (<i>Juniperus virginiana</i>)			x		x
celosia (<i>Celosia</i> spp.)			x		x
centaura (<i>Centaurea montana</i>)			x		x
cockscomb, plumosa (<i>Celosia cristata</i>)	scarlet plumosa		x		x
coleus (<i>Coleus blumei</i>)	red kewpie		x		x
columbine (<i>Aquilegia</i> spp.)			x		x
coneflower, purple (<i>Echinacea purpurea</i>)	magnus purple	x	x x	x	x x
copper leaf (<i>Acalypha wilkesiana</i>)			x		x
coreopsis (<i>Coreopsis</i> spp.)	moonbeam		x		x
corn flower (<i>Centaurea</i> spp.)			x		x
cotoneaster (<i>Cotoneaster apiculatus</i>)			x		x
coyotebrush (<i>Baccharis pilularis</i>)			x		x
cycad (<i>Cycas revoluta</i>)			x		x
cypress, bald (<i>Taxodium distichum</i>)			x		x
cypress, Italian (<i>Cupressus sempervirens</i>)	glauca		x		x
cypress, Japanese false (<i>Chamaecyparis obtusa</i>)	gracilis		x		x
cypress, leyland (<i>Cupressocyparis leylandii</i>) hybrid			x		x
daffodil (<i>Narcissus</i> spp.)	King Alfred		x		x
daylilly (<i>Hemerocallis</i> spp.)	Aztec gold bright yellow (hybrid) single gold (evergreen) Wilson's yellow		x x x x		x x x x
dianthus (sweet William) (<i>Dianthus</i> spp.)			x		x
delphinium (<i>Delphinium</i> spp.)	magic fountain		x		x
dogwood (<i>Cornus florida</i>)			x		x

dogwood, American (<i>Cornus sericea</i>)	flavarimea		x		x
Douglas fir (<i>Pseudotsuga menziesii</i>)			x		x
dusty miller (<i>Senecio cineraria</i>)		x	x	x	x
elm (<i>Ulmus parvifolia</i>)	drake		x		x
eulaliagrass (<i>Miscanthus sinensis</i>)	maiden grass	x	x	x	x
euonymus (<i>Euonymus japonicus</i>)	Argenteo-variegata		x		x
	Auereomarginata		x		x
	colorata		x		x
(<i>Euonymus fortunei</i>)	emerald gaiety		x		x
	emerald n' gold		x		x
	gold edge		x		x
	gold princess		x		x
	Manhattan	x	x	x	x
	silver king		x		x
	tricolor		x		x
	vegetus		x		x
euryps, green leaved (<i>Euryops pectinatus</i>)	viridis	x	x	x	x
fan palm, European (<i>Chamaerops humilis</i>)			x		x
fan palm, Mexican (<i>Washingtonia robusta</i>)			x		x
fern (various) (<i>Asparagus spp.</i>)			x		x
fescue (<i>Festuca glauca</i>)			x		x
fetterbush (<i>Leucothoe fontanesiana</i>)	rainbow		x		x
figus (<i>Ficus retusa</i>)	nitidia		x		x
fir fraser (<i>Abies fraseri</i>)			x		x
Forsythia (<i>Forsythia</i> x 'Arnold Dwarf')	arnold dwarf		x		x
(<i>Forsythia viridissima</i>)	bronxensis dwarf		x		x
(<i>Forsythia xintermedia</i>)	lynwood gold		x		x
(<i>Forsythia</i> x 'Meadowlark')	meadowlark		x		x
(<i>Forsythia x intermedia</i>)	spring glory	x	x	x	x
(<i>Forsythia suspensa</i>)	weeping		x		x
fountain grass, purple (<i>Pennisetum setaceum</i>)	rubrum	x	x	x	x
fuchsia (<i>Fuchsia spp.</i>)			x		x

galium (<i>Galium odoratum</i>)			X		X
gardenia (<i>Gardenia jasminoides</i>)	mystery radicans white gem		X X X		X X X
Garlic, variegated society (<i>Thulbaghia violacea</i>)	variegata	X	X	X	X
geranium (<i>Pelargonium x hortorum</i>)			X		X
gum (<i>Eucalyptus citriodora</i>)			X		X
hawthorn (<i>Crataegus spp.</i>)	cockspur white crimson cloud enchantress Jack Evans Washington white		X X X X X		X X X X X
hawthorn, Indian (<i>Rhaphiolepis indica</i>)	ballerina	X	X	X	X
heather, twisted (<i>Erica cinerea</i>)	Mediterranean pink		X		X
hemlock, Canada (<i>Tsuga canadensis</i>)			X		X
hibiscus (<i>Hibiscus spp.</i>)	blue bird brilliant hula girl		X X X		X X X
holly (<i>Ilex x 'Nellie R. Stevens'</i>) (<i>Ilex x attenuata</i>)	Nellie R. Stevens fosteri Savannah	X	X X X	X	X X X
holly, blue (<i>Ilex x meserveae</i>)	blue boy blue girl China girl		X X X		X X X
holly, cassine (<i>Ilex cassine</i>)		X	X	X	X
holly, Chinese (<i>Ilex cornuta</i>)	burfordii needlepoint		X X		X X
holly, Japanese (<i>Ilex crenata</i>)	compacta hellerie Japanese northern beauty steeds		X X X X		X X X X
holly, yaupon (<i>Ilex vomitoria</i>)			X		X
honeysuckle (<i>Lonicera xylosteum</i>) (<i>Lonicera japonica</i>) (<i>Lonicera tatarica</i>)	Claveyí dwarf halliana Canadian white Zabelli		X X X X		X X X X
hosta (<i>Hosta sieboldii</i>) (<i>Hosta lancifolia</i>)	albo marginata		X X		X X
ice plant (<i>Carpobrotus edulis</i>)		X	X	X	X
ice plant, white trailing (<i>Delosperma alba</i>)		X	X	X	X

juniper (<i>Juniperus sabina</i> 'tamariscifolia')	tamarix	x	x	x	x
juniper (<i>Juniperus scopulorum</i>)	scopulorum skyrocket	x	x	x	x
king palm (<i>Archontophoenix</i> <i>cunninghamiana</i>)		x	x	x	x
laurel, Carolina cherry (<i>Prunus caroliniana</i>)	bright n' tight	x	x	x	x
laurel, mountain (<i>Kalmia latifolia</i>)			x		x
leucothoe (<i>Leucothoe fontanesiana</i>)			x		x
ligustrum, Japanese (<i>Ligustrum japonicum</i>)			x		x
lily (<i>Agapanthus spp.</i>)	streamline		x		x
Lily of the Nile (<i>Agapanthus africanus</i>)	albus Peter Pan		x x		x x
lilyturf (<i>Liriope muscari</i>)	evergreen giant lilac beauty majestic monroe white silvery sunproof variegata	x x	x x x x x	x x	x x x x x
lilyturf, creeping (<i>Liriope spicata</i>)			x		x
maple, amur (<i>Acer ginnala</i>)	emerald elf	x	x	x	x
maple, Japanese (<i>Acer palmatum</i>)			x		x
maple, Norway (<i>Acer platanoides</i>)			x		x
maple, red [†] (<i>Acer rubrum</i>)	red sunset	x	x	x	x
maple, silver (<i>Acer saccharinum</i>)			x		x
maple sugar [†] (<i>Acer saccharum</i>)			x		x
marigold (<i>Tagetes patula</i>)	honeycomb variegata wheeleris dwarf		x x x		x x x
mock orange [†] (<i>Philadelphus spp</i>)	golden snowflake double white		x x		x x
mondo grass (<i>Ophiopogon japonicus</i>)			x		x
moss rose (<i>Portulaca grandiflora</i>)	sunnyside		x		x
mountainash (<i>Sorbus aucuparia</i>)			x		x

myrtle, crape (<i>Lagerstroemia indica</i>)	faurei langer muskogee standard pink		x x x x		x x x x
myrtle, wax (<i>Myrica californica</i>)			x		x
narcissus (<i>Narcissus spp.</i>)			x		x
oak, laurel (<i>Quercus laurifolia</i>)			x		x
oak, pin (<i>Quercus palustris</i>)			x		x
oak, red (<i>Quercus rubra</i>)			x		x
oak, southern (<i>Quercus virginiana</i>)			x		x
oak, willow (<i>Quercus phellos</i>)			x		x
oleander (<i>Nerium oleander</i>)	hardy red petite pink sister agnes		x x x		x x x
osteospermum (<i>Osteospermum fruticosum</i>)	whirligig		x		x
pachysandra (<i>Pachysandra terminalis</i>)			x		x
palm, bangalow (<i>Archontophoenix cunninghamiana</i>)			x		x
palm, queen (<i>Syagrus romanzoffianum</i>)		x	x	x	x
pampas grass (<i>Cortaderia selloana</i>)			x		x
pansy (<i>Viola x wittrockiana</i>)			x		x
paper flower (<i>Bougainvillea glabra</i>)	Barbara Karst	x	x	x	x
peach ^T (<i>Prunus persica</i>)			x		x
periwinkle, dwarf (<i>Vinca minor</i>)			x		x
petunia (<i>Petunia x hybrida</i>)	picoti		x		x
photinia, red tip (<i>Photinia x fraseri</i>)			x		x
pieris (<i>Pieris taiwanensis</i>)			x		x
pieris, Japanese (<i>Pieris japonica</i>)	mountain fire		x		x
pine, Afghan (<i>Pinus eldarica</i>)		x	x	x	x
pine, Austrian black (<i>Pinus nigra</i>)		x	x	x	x

pine, Japanese black (<i>Pinus thunbergia</i>)			X		X
pine, loblolly (<i>Pinus taeda</i>)			X		X
pine, longleaf (<i>Pinus palustris</i>)			X		X
pine, mugo or Swiss Mt. (<i>Pinus mugo</i>)			X		X
pine, Scotch (<i>Pinus sylvestris</i>)			X		X
pine, slash (<i>Pinus elliottii</i>)			X		X
pine, Virginia (<i>Pinus virginiana</i>)			X		X
pine, white (<i>Pinus strobus</i>)		X	X	X	X
pineapple, guava [†] (<i>Feijoa sellowiana</i>)			X		X
pittosporum, tobira (<i>Pittosporum tobira</i>)	Wheeler's dwarf	X	X	X	X
plumbago, cape (<i>Plumbago auriculata</i>)	royal cape	X	X	X	X
potentilla (<i>Potentilla fruticosa</i>) (<i>Potentilla nepalensis</i>)	abbotswood		X X		X X
privet (<i>Ligustrum x vicaryii</i>) (<i>Ligustrum japonicum</i>)	golden vicary regal texanum yellow tipped	X	X X X X	X	X X X X
privet, glossy (<i>Ligustrum lucidum</i>)			X		X
Pyracantha or firethorn (<i>Pyracantha x 'Gnome'</i>) (<i>Pyracantha coccinea</i>) (<i>Pyracantha koidzumii</i>)	gnome lalandei victory	X	X X X	X	X X X
queen palm (<i>Arecastrum rammanzoffianum</i>)			X		X
quince, Japanese [†] (<i>Chaenomeles japonica</i>)			X		X
Rhododendron (<i>Rhododendron spp</i>)	album Cunningham white PJM purple gem silvery pink		X X X X X		X X X X X
rhododendron, Carolina (<i>Rhododendron carolinianum</i>)			X		X
rhododendron, catawba (<i>Rhododendron catawbiense</i>)			X		X

rhododendron, rhodie max – rosebay (<i>Rhododendron maximum</i>)			x		x
ribbon grass (<i>Phalaris arundinacea</i>)			x		x
rockcress (<i>Arabis caucasica</i>)	snowcap		x		x
rose [†] (<i>Rosa banksiae</i>)	luta		x		x
rose, knockout shrub (<i>Rosa</i> spp. hybrid)	knockout	x	x	x	x
rosemary [†] (<i>Rosmarinus officinalis</i>)			x		x
rosemary, bog (<i>Andromeda polifolia</i>)	nana		x		x
salvia (<i>Salvia farinacea</i>)	rhea		x		x
sedum (<i>Sedum spurium</i>)	dragon blood red red carpet yellow		x x x		x x x
smoketree, royal purple (<i>Cotinus coggygria</i>)	royal purple		x		x
snapdragon (<i>Antirrhinum</i> spp.)			x		x
snowball, common (<i>Viburnum opulus</i>)	sterile	x	x	x	x
sourwood (<i>Oxydendrum arboreum</i>)			x		x
spiraea (<i>Astilbe X arendsii</i>)	fanall		x		x
spiraea (<i>Spiraea</i> spp.)	Anthony Waterer red dolchica froebeli pink goldenflame red snowmound white Van Houtte white		x x x x x x		x x x x x x
spiraea, garland (<i>Spiraea x arguta</i>)			x		x
spruce, Black Hills (<i>Picea glauca var densata</i>)			x		x
spruce, Colorado blue (<i>Picea pungens</i>)	glauca	x	x	x	x
spruce, Norway (<i>Picea abies</i>)			x		x
spruce, white (<i>Picea glauca</i>)	conica		x		x
sweetflag grass (<i>Acorus calimus</i>)			x		x
sweetgum (<i>Liquidambar styraciflua</i>)			x		x
sycamore, American (<i>Platanus occidentalis</i>)			x		x

tea tree, New Zealand (<i>Leptospermum scoparium</i>)	ruby glow	x	x	x	x
tree fern (tiki fern) (<i>Asparagus virgatus</i>)			x		x
trumpet flower or Carolina Jessamine (<i>Gelsemium sempervirens</i>)			x		x
tulip (<i>Tulip spp</i>)	apeldoorn		x		x
tufted hairgrass (<i>Deschampsia caespitosa</i>)			x		x
verbena, shrub (<i>Lantana sellowiana</i>)			x		x
Verbena, St. Paul's (<i>Verbena peruviana.</i>)	St. Paul		x		x
viburnum (<i>Viburnum spp.</i>)	American cranberry bush arrowwood European cranberry bush linden Mohican wright		x x x x x x		x x x x x x
vinca (periwinkle) (<i>Vinca minor</i>)			x		x
windmill palm (<i>Trachycarpus fortunei</i>)			x		x
xylosma (<i>Xylosma congestum</i>)			x		x
yarrow (<i>Achillea spp.</i>)			x		x
yaupon (<i>Ilex vomitoria</i>)	dwarf		x		x
yew (<i>Taxus cuspidata</i>) (<i>Taxus x media</i>)	capitata denisiformis	x	x x	x	x x

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

®Trademark of Dow AgroSciences LLC

R337-002
EPA Accepted: 05/16/08
Replaces: R337-001