

Reg # 241-340

PM-25

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**STOMP® WDG
herbicide**

dispersible granule

**FOR CONTROL OF MOST ANNUAL GRASSES AND CERTAIN BROADLEAF
WEEDS IN NONCROPLAND AREAS, ESTABLISHED ORNAMENTALS IN
NONCROPLAND AREAS ONLY, AND CHRISTMAS TREE PLANTATIONS**

ACTIVE INGREDIENT:

pendimethalin, N-(1-ethylpropyl)-3,4-dimethyl-2,
6-dinitrobenzenamine 60.0%

INERT INGREDIENTS:..... 40.0%

TOTAL.....100.0%

(10 lbs. contains 6 lbs. of pendimethalin)

EPA Reg. No. 241-340

EPA Est. No.

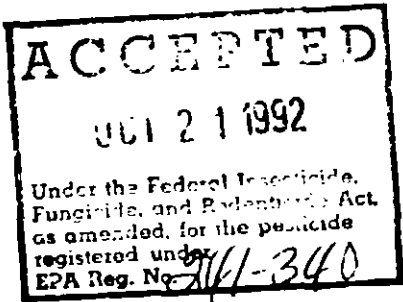
KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCION!

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code 201-835-3100.

See Back Panel For Additional Precautionary Statements and Directions For Use.



American Cyanamid Company
Agricultural Division
Vegetation And Pest Control
Wayne, NJ 07470 ©1992

Net Contents: 10 Pounds

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
CAUTION**

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. DO NOT apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. DO NOT contaminate water when disposing of equipment washwaters.

DISCLAIMER

The label instructions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risk referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

American Cyanamid Company makes no other express or implied warranty, including other express or implied warranty of FITNESS or of MERCHANTABILITY.

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DIRECTIONS FOR USE

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 time of pesticide application. DO NOT apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

STORAGE: DO NOT store above 120°F. Store in original containers and keep closed. Store in a cool, dry place.

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE

DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER

DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Observe all cautions and limitations on this label and the labels of products used in combination with STOMP WDG. The use of STOMP WDG not consistent with this label can result in injury to crops, animals, or persons. Keep containers closed to avoid spills and contamination.

GENERAL INFORMATION

STOMP WDG herbicide provides preemergence control of most annual grasses and certain broadleaf weeds as they germinate in noncropland areas and in established Christmas tree plantations.

STOMP WDG herbicide controls weeds as they germinate, but will not control established weeds. Therefore, areas to be treated should be free of established weeds at the time of treatment, or STOMP WDG herbicide may be used in conjunction with herbicides registered for postemergence use. Consult the labels of those herbicides for suggested treatments, rates to be used and precautions or restrictions.

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MIXING INSTRUCTIONS FOR STOMP WDG

Respective sections of this leaflet define recommended STOMP WDG or STOMP WDG tank-mix treatments registered for application in water.

1. Fill tank one-half to three-quarters full with clean water.
2. STOMP WDG Alone

When using STOMP WDG alone, slowly add STOMP WDG to the partially filled tank while agitating and then fill the remainder of the tank with water.

3. STOMP WDG Tank Mixes

- a. Wettable Powder Formulations

- 1) When using STOMP WDG with a wettable powder formulation, add STOMP WDG to the partially-filled tank while agitating.
- 2) When STOMP WDG is properly mixed, add a slurry of the wettable powder (1 part WP + 2 parts water) slowly into the tank. Fill the remainder of the tank while agitating.

- b. Flowable Formulations

- 1) When using STOMP WDG with a flowable formulation, add STOMP WDG to the partially-filled tank while agitating.
- 2) When STOMP WDG is properly mixed, premix one part of the flowable with two parts water and add this diluted mixture slowly into the tank. Fill the remainder of the tank while agitating.

- c. Emulsifiable Concentrate Formulations

- 1) When using STOMP WDG with an emulsifiable concentrate formulation, add STOMP WDG to the partially-filled tank while agitating.
- 2) When STOMP WDG is properly mixed, premix one part of the emulsifiable concentrate with two parts water and add this diluted mixture slowly into the tank. Fill the remainder of the tank while agitating.

- d. Dry Flowable (Water Dispersable Granule) Formulations

- 1) When using STOMP WDG with a dry flowable formulation, add STOMP WDG to the partially-filled tank while agitating.
- 2) When STOMP WDG is properly mixed, premix one part of the dry flowable with two parts water and add this diluted mixture slowly into the tank. Fill the remainder of the tank while agitating.

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- 4. MAINTAIN CONTINUOUS AGITATION WHILE ADDING HERBICIDES AND UNTIL SPRAYING IS COMPLETED. If the spray mixture is allowed to settle for any period of time, thorough agitation is essential to resuspend the mixture before spraying is resumed. Continue agitation while spraying.

SPRAYING INSTRUCTIONS FOR STOMP WDG

Apply with properly calibrated ground equipment in sufficient water per acre to provide uniform spray distribution. Low pressure (25-50 psi) sprayers are recommended.

Maintain continuous agitation during spraying with good mechanical or bypass agitation. Nozzle screens must be no finer than 50 mesh.

Avoid application when winds may cause drift.

STOMP WDG treatments in noncropland areas and Christmas tree plantations are most effective in controlling weeds when adequate rainfall is received within 30 days after application.

Avoid contact of spray solution with driveways, stone, wood or other porous surfaces. Rinse immediately to avoid staining.

CULTURAL PRACTICES FOLLOWING APPLICATION

The efficacy of STOMP WDG herbicide will be improved if the application is followed by one-half inch of rainfall or its equivalent in sprinkler irrigation.

Should weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control. When cultivating for any reason, it should be shallow. A STOMP WDG treatment may be followed by any registered herbicide to control weeds not listed on the STOMP WDG label.

APPLICATION RATES

For preemergence control of the weed species listed, apply STOMP WDG herbicide at the following rates:

<u>Length of Control</u>	<u>STOMP WDG Rate</u>
Short Term Control (2-4 months)	3.3 lbs./Acre (1.2 oz/1,000 sq.ft.)
Long Term Control (6-8 months)	6.6 lbs./Acre (2.4 oz/1,000 sq.ft.)

STOMP WDG herbicide will not control established weeds.

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NONCROPLAND WEED CONTROL

STOMP WDG herbicide is recommended for preemergence control of most annual grasses and certain broadleaf weeds as they germinate on noncropland areas such as railroad, utility, highway, and pipeline rights-of-way; highway guardrails, delineators, and sign posts; utility substations; petroleum tank farms; pumping installations; fence rows; storage areas; windbreaks and shelterbelts; and other similar areas.

For postemergence control of weeds, tank-mix combinations of STOMP WDG herbicide plus ARSENAL® herbicide are recommended. DO NOT tank mix with ARSENAL in California. Recommended rates for the tank-mix compounds should be determined from the product labels of both STOMP WDG herbicide and ARSENAL herbicide prior to use.

WEED CONTROL IN AND AROUND ESTABLISHED PLANTINGS

STOMP WDG herbicide is recommended for preemergence control of the weed species listed in and around established Christmas tree plantations and in and around established ornamentals planted in noncropland areas such as highway rights-of-way, utility substations, or similar areas.

Precautions

Apply STOMP WDG herbicide only to established plantings.

The efficacy of STOMP WDG herbicide will be improved if the application is followed by one-half inch of rainfall or its equivalent in sprinkler irrigation.

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 STOMP WDG herbicide and roots. Directed sprays where soil and media surfaces are uniformly covered will result in best weed control and ornamental tolerance. Plant only those desirable plant species listed on this label into soil treated the previous season with STOMP WDG or injury may occur.

RECOMMENDED SPECIES

STOMP WDG herbicide sprays can be safely applied over the top of the established plants listed below:

TREES

<u>Common Name</u>	<u>Scientific Name</u>
Ash, Red	<u>Fraxinus pennsylvanica</u>
Birch, European Weeping	<u>Betula pendula</u>
Birch, River	<u>Betula nigra</u>
Cedar, Northern White	<u>Thuja occidentalis</u>

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<u>Common Name</u>	<u>Scientific Name</u>
✓ Cedar, Red	<u>Juniperus virginiana</u>
Chamaecyparis, Boulevard ✓	<u>Chamaecyparis pisifera</u>
Crapemyrtle, Common ✓	<u>Lagerstroemia indica</u>
Cryptomeria, Japanese ✓	<u>Cryptomeria japonica</u> cv. "Nana"
Dogwood, Flowering ✓	<u>Cornus florida</u>
Dogwood, Silky ✓	<u>Cornus amomum</u>
*Fir, Balsam ✓	<u>Abies balsamiae</u>
Fir, Douglas ✓	<u>Pseudotsuga menziesii</u>
Fir, Fraser ✓	<u>Abies fraseri</u>
Fir, White ✓	<u>Abies concolor</u>
Hemlock, Eastern ✓	<u>Tsuga canadensis</u>
Holly, American ✓	<u>Ilex opaca</u> cv. "Tsuga"
Lilac, Common ✓	<u>Syringa vulgaris</u>
Locust, Honey ✓	<u>Gleditsia triacanthos</u> cv. "Inermis"
Maple, Red ✓	<u>Acer rubrum</u>
Oak, Live ✓	<u>Quercus virginiana</u>
Oak, Water ✓	<u>Quercus nigra</u>
Peach ✓	<u>Prunus persica</u>
*Pine, Austrian ✓	<u>Pinus nigra</u>
Pine, Italian Stone ✓	<u>Pinus pinea</u>
Pine, Loblolly ✓	<u>Pinus taeda</u>
*Pine, Scotch ✓	<u>Pinus sylvestris</u>
*Pine, Virginia ✓	<u>Pinus virginiana</u>
Pine, White ✓	<u>Pinus strobus</u>
Sourwood ✓	<u>Oxydendron arboreum</u>
Spruce, Colorado Blue ✓	<u>Picea pungens</u>
*Spruce, White ✓	<u>Picea glauca</u>

SHRUBS

<u>Common Name</u>	<u>Scientific Name</u>
Abelia, Glossy ✓	<u>Abelia grandiflora</u> cv. "Grandiflora"
Azalea	<u>Rhododendron indicum</u>
Azalea	<u>Rhododendron</u> sp. cv. "Red Gumpo" cv. "White Gumpo"
Bamboo, Heavenly	<u>Nandina domestica</u>
Barberry, Japanese	<u>Berberis thunbergii</u> cv. "Atropurpurea"
Barberry, Red	<u>Berberis thunbergii</u> cv. "Atropurpurea Nana"
Bottlebrush ✓	<u>Callistemon citrinus</u>
Boxwood, Common ✓	<u>Buxus sempervirens</u>
Capejasmine ✓	<u>Gardenia jasminoides</u> cv. "Mystery"
Cotoneaster, Rock ✓	<u>Cotoneaster horizontalis</u>
Euonymous ✓	<u>Euonymous alata</u> cv. "Compacta"



Common Name

Scientific Name

Firethorn
Forsythia, Border ✓
Hawthorne, Indian ✓
Holly, Chinese ✓
Holly, Japanese ✓
Holly, Yaupon ✓

Pyracantha coccinea
Forsythia intermedia
Raphiolepis indica
Ilex cornuta
Ilex crenata cv. "Compacta"
Ilex vomitoria

Juniper, Chinese ✓

cv. "Shillings Dwarf"
Juniperus chinensis
cv. "Gold Coast"
cv. "Pfitzer"
cv. "Pfitzerana"
cv. "Pfitzer Aurea"
cv. "Pfitzer Glauca"
cv. "Procumbens Nana"
cv. "San Jose"
cv. "Sea Green"

Juniper, Creeping ✓

Juniperus horizontalis
cv. "Wiltonii"

Juniper, Shore ✓
Juniper, Trailing ✓

Juniperus conferta
Juniperus horizontalis
cv. "Plumosa"
cv. "Prince of Wales"
cv. "Youngstown"

Laurel, Mountain ✓
Laurel, Schipka ✓
Lily-of-the-Nile ✓
Ligustrum, Variegated ✓

Kalmia latifolia
Prunus schipkanensis
Agapanthus africanus
Ligustrum sinensis
cv. "Variegata"

Mock Orange ✓
Myrtle, Compact ✓

Pittosporum tobira
Myrtus communis
cv. "Compacta"

Myrtle, Wax ✓
Nandina ✓
Oleander ✓

Myrica cerifera
Nandina domestica
Nerium oleander
cv. "Sister Agnes"

Palm, European Fan ✓
Photinia, Fraser ✓
Pieris, Japanese ✓
Plum, Natal ✓
Privet, California ✓
Privet, Waxleaf ✓
Spirea ✓
Yew ✓
Yew, Japanese ✓

Chamaerops humilis
Photinia X Fraseri
Pieris japonica
Carissa grandiflora
Ligustrum ovalifolium
Ligustrum japonicum
Spirea vanhouttei
Taxus media
Taxus cuspidata



GROUND COVERS

<u>Common Name</u>	<u>Scientific Name</u>
Ajuga	<u>Ajuga reptans</u>
Brush, Dwarf Coyote	<u>Baccharis chiloensis</u>
Capeweed	<u>Arctotheca calendula</u>
Daisy, Trailing African	<u>Osteospermum fruticosum</u>
Euonymous	<u>Euonymus fortunei</u> cv. "Sarcoxie"
Gazania	<u>Gazania splendens</u>
Rose-of-Sharon	<u>Hypericum calycinum</u>
Iceplant, Large Leaf	<u>Carpobrotus edule</u>
Ivy, English	<u>Helix hedera</u>
Ivy, Geranium	<u>Pelargonium peltatum</u>
Myoporum	<u>Myoporum parviflorum</u>
Pachysandra	<u>Pachysandra terminalis</u>
Potentilla	<u>Potentilla jackmanii</u>
Potentilla	<u>Potentilla verna</u>
Red Apple	<u>Aptenia cordifolia</u>
Rosemary	<u>Rosemarnus officinalis</u>
Sand Strawberry	<u>Fragaria chiloensis</u>
Verbena, Peruvian	<u>Verbena peruviana</u>
Vinca	<u>Vinca minor</u> cv. "Bowles"

PERENNIALS

<u>Common Name</u>	<u>Scientific Name</u>
Aster, New York	<u>Aster novi-belgii</u>
Butterfly Weed	<u>Asclepias tuberosa</u>
Daylily	<u>Hemerocallis</u> sp. cv. "Tick-Tock"
Hosta	<u>Hosta</u> sp. cv. "Honeybells"
Liriope, Variegated	<u>Liriope muscari</u> cv. "Silvery Sunproof"
Purple Loosestrife	<u>Lythrum virgatum</u> cv. "Morden's Glean"

ORNAMENTAL GRASSES

<u>Common Name</u>	<u>Scientific Name</u>
Beach grass	<u>Ammophila breviligulata</u>
Fescue, blue	<u>Festuca ovina</u> cv. "Glaucua"
Fountain grass	<u>Pennisetum setaceum</u>
Pampas grass	<u>Cortaderia selloana</u>
Ribbon grass	<u>Phalaris arundinacea</u> cv. "Picta"
Tufted hair grass	<u>Deschampsia caespitosa</u>

*Do not use in California.

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WEED SPECIES CONTROLLED

The following grass and broadleaf weeds are controlled by preemergence treatments of STOMP WDG herbicide at the rates recommended:

GRASSES CONTROLLED

<u>Common Name</u>	<u>Scientific Name</u>
Barnyardgrass ✓	<u>Echinochloa crus-galli</u>
Bluegrass, Annual -	<u>Poa annua</u>
Crabgrass ✓	<u>Digitaria spp</u>
Crowfootgrass ✓	<u>Dactyloctenium aegyptium</u>
Foxtail, Giant ✓	<u>Setaria faberi</u>
Foxtail, Green ✓	<u>Setaria viridis</u>
Foxtail, Yellow ✓	<u>Setaria lutescens</u>
Goosegrass ✓	<u>Eleusine indica</u>
Itchgrass ✓	<u>Kottboellia exaltata</u>
Johnsongrass (from seed) ✓	<u>Sorghum halepense</u>
Junglerice -	<u>Echinochloa colonum</u>
Lovegrass	<u>Eragrostis spp.</u>
Panicum, Browntop	<u>Panicum fasciculatum</u>
Panicum, Fall ✓	<u>Panicum dichotomiflorum</u>
Panicum, Texas ✓	<u>Panicum texanum</u>
Sandbur, Field -	<u>Cenchrus incertus</u>
Signalgrass ✓	<u>Brachiaria platyphylla</u>
Sprangletop, Mexican ✓	<u>Leptochloa uninervia</u>
Sprangletop, Red ✓	<u>Leptochloa filiformis</u>
Witchgrass	<u>Panicum capillare</u>
Woolly Cupgrass ✓	<u>Eriochloa villosa</u>

BROADLEAF WEEDS CONTROLLED

<u>Common Name</u>	<u>Scientific Name</u>
Carpetweed ✓	<u>Mollugo verticillata</u>
Chickweed, Common	<u>Stellaria media</u>
Chickweed, Mouseear -	<u>Cerastium vulgatum</u>
Clover, Hop -	<u>Trifolium procumbens</u>
Cudweed <u>Gnaphalium</u> spp.	
Fiddleneck	<u>Amsinckia intermedia</u>
Filaree <u>Erodium</u> spp.	
Henbit <u>Lamium amplexicaule</u>	
Knotweed (prostrate)	<u>Polygonum aviculare</u>
Kochia <u>Kochia scoparia</u>	
Lambsquarters	<u>Chenopodium album</u>
Pigweed <u>Amaranthus</u> spp.	
Puncturevine	<u>Tribulus terrestris</u>
Purslane	<u>Portulaca oleracea</u>
Pusley, Florida	<u>Richardia scabra</u>
Rocket, London	<u>Sisymbrium irio</u>
Shepherdspurse ✓	<u>Capsella bursa-pastoris</u>

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Common Name

Scientific Name

Smartweed, Pennsylvania
Spurge, Annual
Spurge, Prostrate
Woodsorrel, Yellow
Velvetleaf (Buttonweed)

Polygonum pennsylvanicum
Euphorbia spp.
Euphorbia humistrata
Oxalis stricta
Abutilon theophrasti