)

)

PENDULUM® WDG Industrial Herbicide

dispersible granule

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

ACTIVE INGREDIENT: pendimethalin, N-(1-ethylpropyl)-3,4-dimethyl-2,	
6-dinitrobenzenamine	60.0%
INERT INGREDIENTS:	40.0%
TOTAL	100.0%
(13.2 lbs. contains 7.9 lbs. of pendimeth	nalin)

EPA Reg. No. 241-340

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCION!

Si usted no la etiqueta, busque a algulen para explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

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 Products Division Specialty Products Department Wayne, NJ 07470 ©1994

Net Contents: 13.2 Pounds

®Registered Trademark of American Cyanamid Company

BEST AVAILARIE COPY

in 18

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment (PPE): Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- · Waterproof gloves
- · Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

)

)

- * Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- * Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

STATEMENT OF PRACTICAL TREATMENT

If in eyes:

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

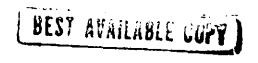
If on skin:

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.



7

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.

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 on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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

)

- · Waterproof gloves
- · Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in 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.

Non-crop industrial weed control and selective weed control in turf (industrial, unimproved only) are not within the scope of the Worker Protection Standard.

BEST AVAILABLE COPY

4.1 18

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: 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.

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

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.

BRAT MINE CALL TOPT

(7) 18

GENERAL INFORMATION

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

PENDULUM WDG Industrial 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 PENDULUM WDG Industrial 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.

MIXING INSTRUCTIONS FOR PENDULUM WDG INDUSTRIAL HERBICIDE

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

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

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

- 3. PENDULUM WDG Industrial Herbicide Tank Mixes
 - a. Wettable Powder Formulations
 - When using PENDULUM WDG Industrial Herbicide with a wettable powder formulation, add PENDULUM WDG Industrial Herbicide to the partially-filled tank while agitating.
 - 2) When PENDULUM WDG Industrial Herbicide 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 PENDULUM WDG Industrial Herbicide with a flowable formulation, add PENDULUM WDG Industrial Herbicide to the partially-filled tank while agitating.



of il

- 2) When PENDULUM WDG Industrial Herbicide 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 PENDULUM WDG Industrial Herbicide with an emulsifiable concentrate formulation, add PENDULUM WDG Industrial Herbicide to the partially-filled tank while agitating.
- 2) When PENDULUM WDG Industrial Herbicide 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 PENDULUM WDG Industrial Herbicide with a dry flowable formulation, add PENDULUM WDG Industrial Herbicide to the partially-filled tank while agitating.
 - 2) When PENDULUM WDG Industrial Herbicide 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.
- 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 PENDULUM WDG INDUSTRIAL HERBICIDE

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.

PENDULUM WDG Industrial Herbicide 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 porcus surfaces. Rinse immediately to avoid staining.

BEST BYRILLIAM CONT



CULTURAL PRACTICES FOLLOWING APPLICATION

The efficacy of PENDULUM WDG Industrial 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 PENDULUM WDG Industrial Herbicide treatment may be followed by any registered herbicide to control weeds not listed on the PENDULUM WDG Industrial Herbicide label.

APPLICATION RATES

For preemergence control of the weed species listed, apply PENDULUM WDG Industrial Herbicide at the following rates:

Length of Control	Length	of Control
-------------------	--------	------------

)

)

PENDULUM WDG Industrial Herbicide Rate

Short Term Control	(2-4 months)
Long Term Control	(6-8 months)

3.3 lbs./Acre (1.2 oz/1,000 sq.ft.) 6.6 lbs./Acre (2.4 oz/1,000 sq.ft.)

PENDULUM WDG Industrial Herbicide will not control established weeds.

NONCROPLAND WEED CONTROL

PENDULUM WDG Industrial 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 PENDULUM WDG Industrial 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 PENDULUM WDG Industrial Herbicide and ARSENAL herbicide prior to use.

WEED CONTROL IN AND AROUND ESTABLISHED PLANTINGS

PENDULUM WDG Industrial 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 PENDULUM WDG Industrial Herbicide only to established plantings.

The efficacy of PENDULUM WDG Industrial 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 PENDULUM WDG Industrial 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 PENDULUM WDG Industrial Herbicide or injury may occur.

RECOMMENDED SPECIES

PENDULUM WDG Industrial Herbicide sprays can be safely applied over the top of the established plants listed below:

TREES

)

)

Common Name

Ash, Red Birch, European Weeping

Birch, River

Cedar, Northern White

Cedar, Red

Chamaecyparis, Boulevard

Crapemyrtle, Common

Cryptomeria, Japanese

Dogwood, Flowering

Dogwood, Silky

*Fir, Balsam

Fir, Douglas

Fir, Fraser

Fir, White

Hemlock, Eastern

Holly, American

Lilac, Common

Locust, Honey

Maple, Red

Oak, Live

Scientific Name

Fraxinus pennsylvanica

Betula pendula

Betula nigra

Thuja occidentalis

Juniperus virginiana

Chamaecyparis pisifera

Lagerstroemia indica

Cryptomeria japonica

cv. "Nana"

Cornus florida

Cornus amonum

Abies balsamae

Pseudotsuga menziesii

Abies fraseri

Abies concolor

Tsuga canadensis

Ilex opaca cv. "Tsuga"

Syringa yulgaris

Gleditsia triacanthos

cv "Inermis"

Acer rubrum

Quercus virginiana

Eist Prince Lord

Oak, Water
Peach
*Pine, Austrian
Pine, Italian Stone
Pine, Loblolly
*Pine, Scotch
*Pine, Virginia
Pine, White
Sourwood
Spruce, Colorado Blue
*Spruce, White

SHRUBS

Ì

)

Common Name

Abelia, Glossy

Azalea Azalea

Bamboo, Heavenly Barberry, Japanese

Barberry, Red

Bottlebrush
Boxwood, Common
Capejasmine

Cotoneaster, Rock Euonymous

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

Juniper, Chinese

Scientific Name

Quercus nigra
Prunus persica
Pinus nigra
Pinus pinea
Pinus taeda
Pinus sylvestris
Pinus virginiana
Pinus strobus
Oxydendron arboreum
Picea pungens
Picea glauca

Scientific Name

Abelia grandiflora cv. "Grandiflora" Rhododendron indicum Rhododendron sp. cv. "Red Gumpo" cv. "White Gumpo" Nandina domestica Berberis thunbergii cv. "Atropurpurea" Berberis thunbergii cv. "Atropurpurea Nana" Callistemon citrinus Buxus sempervirens Gardenia jasminoides cv. "Mystery" Cotoneaster horizontalis Euonymous alata cv. "Compacta" Pyracantha coccinea Forsythia intermedia Raphiolepis indica Ilex cornuta Ilex crenata cv. "Compacta" Ilex vomitoria cv. "Shillings Dwar?" Juniperus chinensis cv. "Gold Coast" cv "Pfitzer"

Scientific Name

cv. "Pfitzerana"

cv. "Pfitzer Aurea"

cv. "Pfitzer Glauca"

cv. "Procumbens Nana"

10418

cv. "San Jose"

cv. "Sea Green"

Juniperus horizontalis

cv. "Wiltonii"

Juniperus conferta

Juniperus horizontalis

cv. "Plumosa"

cv. "Prince of Wales"

cv. "Youngstown"

Kalmia latifolia

Prunus schipkanensis

Agapanthus africanus

Ligustrum sinensis

cv. "Variegata"

Pittosporum tobira

Myrtus communis

cv. "Compacta"

Myrica cerifera

Nandina domestica

Nerium oleander

cv. "Sister Agnes"

Chamaerops humilis

Photinia X Fraseri

Pieris japonica

Carissa grandiflora

Ligustrum ovalisolium

Ligustrum japonicum

Spirea vanhouttei

Taxus media

Taxus cuspidata

Juniper, Creeping

Juniper, Shore Juniper, Trailing

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

Mock Orange Myrtle, Compact

Myrtle, Wax Nandina Oleander

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

GROUND COVERS

Common Name

Ajuga Brush, Dwarf Coyote Capeweed Daisy, Trailing African Scientific Name

Ajuga reptans:

Baccharis chiloensis

Arctotheca calendula

Osteospermum fructicosum

Euonymous

Gazania
Rose-of-Sharon
Iceplant, Large Leaf
Ivy, English
Ivy, Geranium
Myoporum
Pachysandra
Potentilla
Potentilla
Red Apple
Rosemary
Sand Strawberry
Verbena, Peruvian

PERENNIALS

Vinca

Common Name_

Aster, New York Butterfly Weed Daylily

Hosta Liriope, Variegated

Purple Loosestrife

ORNAMENTAL GRASSES

Common Name_

Beach grass Fescue, blue

Fountain grass Pampas grass Ribbon grass

Scientific Name

Euonymus fortunei cv. "Sarcoxie" Gazania splendens Hypericum calycinum Carpobrotus edule Helix hedera Pelargonium peltatum Myoporum parviflorum Pachysandra terminalis Potentilla jackmanii Potentilla verna Aptenia cordifolia Rosemarnus officinalis Fragaria chiloensis Verbena peruviana Vinca minor cv. "Bowles'

Scientific Name

Aster novi-belgii
Asclepias tuberosa
Hemerocallis sp.
cv. "Tick-Tock"
Hosta sp. cv. "Honeybells"
Liriope muscari
cv. "Silvery Sunproof"
Lythrum virgatum
cv. "Morden's Gleam"

Scientific Name

Ammophila breviliguiata

Festuca ovina
cv. "Glauca"

Pennisetum setaceum

Cortaderia selloana
Phalaris arundulacea
cv. "Picta"

Scientific Name

Tufted hair grass

Deschampsia caespitosa

My K

WEED SPECIES CONTROLLED

The following grass and broadleaf weeds are controlled by preemergence treatments of PENDULUM WDG Industrial Herbicide at the rates recommended:

GRASSES CONTROLLED

Cor	nmon	Name

Scientific Name

Barnyardgrass

Bluegrass, Annual

Crabgrass

)

)

Crowfootgrass

Foxtail, Giant Foxtail, Green Foxtail, Yellow

Goosegrass Itchgrass

Johnsongrass (from seed)

Junglerice Lovegrass

ranicum, Browntop

Panicum, Fall Panicum, Texas Sandbur, Field

Signalgrass

Sprangletop, Mexican Sprangletop, Red

Witchgrass

Woolly Cupgrass

Echinochloa crus-galli

Poa annua Digitaria spp.

Dactyloctenium aegyptium

Setaria faberi
Setaria viridis
Setaria lutescens
Eleusine indica
Rottboellia exaltata
Sorghum halepense

Echinochloa colonum Eragrostis spp.

Panicum fasciculatum

Panicum dichotomiflorum

Panicum texanum
Cenchrus incertus
Brachiaria platyphylla
Leptochloa uninervia
Leptochloa filiformis
Panicum capillare
Eriochloa villosa

BROADLEAF WEEDS CONTROLLED

Common Name

Carpetweed

Chickweed, Common

Chickweed, Mouseear

Clover, Hop

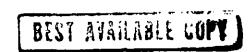
Scientific Name

Mollugo vertici:lata

Stellaria media

Cerastium valgatum

Trifolium procumbens



^{*}Do not use in California.

Cudweed Fiddleneck Filaree Henbit

Knotweed (prostrate)

Kochia

)

Lambsquarters
Pigweed
Puncturevine
Purslane
Puslane
Puslane

Pusley, Florida Rocket, London Shepherdspurse

Smartweed, Pennsylvania

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

Scientific Name

<u>Gnaphalium</u> spp. <u>Amsinckia intermedia</u>

Erodium spp.

Lamium amplexicaule
Polygonum aviculare
Kochia scoparia
Chenopodium album
Amaranthus spp.
Tribulus terrestris

Portulaca oleracea Richardia scabra Sisymbrium irio

Capsella bursa-pastoris
Polygonum pensylvanicum

Euphorbia spp.

Euphorbia humistrata

Oxalis stricta

Abutilon theophrasti

MOCEPTED MOCEPTED

ndustrial Herbicic

Dispersible Granule

FOR GONTROLOR MOST ANNUAL GRASSES AND CERTAIN BROADLEAF. WEEDS IN NONEROPLAND AREAS, ESTABLISHED ORNAMENTALS IN NONGROPLAND AREAS ONLY, AND CHRISTMAS TREE PLANTATIONS.

OF CHILDREN PRECAUCION

usledinoxemilende la culque la re / busquera alguler para que se explique a usted en detalle (((/ do not understand this abelifind someone to explain it to you in detail

STATEMENT OF PRACTICAL TREATMENT IN OVER THE PROPERTY OF THE P

BEST AVAILABLE COPY

DIRECTIONS FOR USE It is a Volation of Federal law to use this product in a manner. Incohalatent With its labeling. This labeling must be in the

heobalistent with its labeling. This inboling must be in the possession of the user at time of pesticide application. DO NOT Respective sections of his learn institute recommenced 40.0% apply this product through any you of ingation anystem.

PENDULUM WDG industrial, Herbs (to be persons) of their directly or through drift. City prefected then in when the whole and in the intermediate persons in the industrial Herbs (to be persons) of their directly or through drift. City prefected then in when the product of the intermediate in the intermediate persons in the industrial Herbs (to be prefected then in when the persons in the industrial Herbs (to be prefected to be personally to be in the area during application. For any required the intermediate personal to three quarters full with clean water.

Pendulum water the product in the product of the product of

AGRICULTURAL USE REQUIREMENTS

Use this productionly in accordance with its labeling and with ineal workers Protection; Standard; 40 [CFF] part, 170. This standard; 40 [CFF] part, 170. This standard; 20 pitch in strong the protection of lapincultural protection of lapincultural protection of lapincultural protections and prevaled acquirements; for training decontainment of collisins; acquirements; for training decontaination, following and, emergency assistances; it falso, contains appetition of the lapincultural protection and contains are contained in the lapincultural protection at the protection at the product that are covered by the Worker Protection Standard.

reguliements in this box bitly apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter of allow worker entry into treated are as during the fieldretod entry interval (REI) of 12 hours.

PPET equipod for early entry to treated areas that a perincted under the Worker Protection Standard and that have live contact with anything that has been treated, such as plants, solltor water is:

ENTERSTORAGE AND DISPOSAL

STORAGE, DO NOT Blorn above 120 F. Store

DO NOT contaminate water, feed for food by iterage of d'oposal de la company de la c

PESTICIDE DISPOSAL! - Waster resulting from the use of this product may be disposed of on site or at an approved waster disposed. Incitive factor waster to prove the completely empty to under spray to ankile doing to the product of the completely empty to under spray to ankile doing to the product of the completely empty to under spray to ankile doing to the product of the completely empty to under spray to the completely empty to the that my bloomer the use of the label can result is in my to empa billing by pointing to the containers closed to and applicated containing the second containers closed to and applicated containing the second containers are second to an extension and containing the second containing the

MIXING INSTRUCTIONS FOR PENDÜLUM WDG

When using PENDULUM WDG Industrial Herbicide Mone, slowly add PENDULUM WDG Industrial Herbicide elemans slowly add PENDULUM WDG Industrial Herbicide to the partially filled tahk while agitating and than fill the reme independent of the tank with waters.

3. PENDULUM WDG Industrial Hambicide Tank Mixes in a Wettable Powder Formulation.

1. When using PENDULUM WDG Industrial Herbicide and with its wettable powder formulation, and with its wettable powder. It is the partially filled tarial withing tarial Herbicide, to the partially filled tarial withing tarial.

2) When PENDULUM WDG Industrial Herbolde is properly mixed add a slumy of the wettable powder (1 part WP + 2 perio Water) blook and the tank of the remainder of the tank will a notating the remainder of the tank will a notating to the remainder of the tank will a notating to the remainder of the tank will a notating to the remainder of the tank will a notating to the remainder of the remainder

entating. 2010 VDG to teach Part 1995.

Propaily mixed profile one part of the low wife with two parts wateraind add two districtions of the towards with two parts wateraind add two districtions of the towards into the tank, fill the terms of and the towards agriculture.

Emulsifiable Concentrate Foresulture.

The with an emilstable water and the trivial Heat's in the towards agreement to the towards agreement

with and einulsinable Concentrate Intended on, and t PENDULUM: WDG (Industrial Herblaids to the

partially-filed tank While et, fet ng.

2) When PENDULUM WDG Industrial Horts of ets properly initied aptemble and part of the emiliar it is concentrate with two parts water and add thin dill but

concentrate with two pans were and established for mixture slowly into the tark. Fit the remainder of the tark while agricallog (Cost of the remainder of the tark while agricallog (Cost of the tark) formulations. When Jainey PENDULUM Who to the strict the test of the PENDULUM Who agriculty and to the spanish panish for the tark while agriculty. The tark is the panish pendulum Who are tark to the pendulum PENDULUM Who are tark to the tark the pendulum PENDULUM Who are tark to the day the wable property but of pendulum who are the tark to day the wable.

property nitrod primix on the first dry fit wable with two parts waters of a fit to a stirred midule a slowly into the day and make the fit of the days.

ancontraction of the contraction **用证(deff)对印度基础的**

HAVANUE HOURSMAKE

स्तित्वता । त्रिक्य द्वारण अनुभावत्त्वत्वत्वत्त्वत्वः यन्त्रस्यात्त्वत् रेण्डा भेरिकारात्त्रे स्तित्वत्वारण अनुभावत्त्वत्वत्वत्वत्वः

CHARGE MENTAL MARKET PROPERTY.

PATRICIPE (PATRICIPAL)

OSUBLICATION ASSOCIATION

द्वानीकी के ताल एक स्थान है। इस स्थान है ।

erico de la fina de la completa del completa de la completa del completa de la completa del la completa de la completa della c

DISCIAIMER

4 MAINTAIN CONTINUOUS CITATION WHILE DDING

1 about instructions for use of this product reflect the polition of the product reflect the polition of the product reflect the polition of the product reflect the politions are at the product of the prod

An Can Canada Combany warming only that the materials water potracts to prove a highest stay distribution. Low pression in the combant to the criefficial de scription of their supplies to the combant to the criefficial de scription of their supplies to the combant to the comb

which is trained and selected with warrant years of the control of

GENERAL INFORMATION

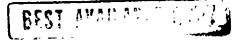
PENDULUM WDG Industrial Herbicide provides: preemer other by the policity of the policity



American Cyanamid Company Apricultural Products Division 1. 1988 S. Jaily Products Department

Comme 1821 cames

Registered rationary of American Gyanamid Company



APPLICATION RATES

For preemergence control of the weed species listed, apply PENDULUM WDG Industrial Herbicide at the following rates:

Length of Control	PENDULUM WDG Industrial Herbicide Rate
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.)

PENDULUM WDG Industrial Herbicide will not control catablished weeds

NONCROPLAND WEED CONTROL

PENDULUM WDG Industrial Herbicide is recommended for preemergence control of most annual grasses and certain

broadleal 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 shetterbelts; and other similar areas.

For postemergence control of weeds, tank-mix combinations of PENDULUM WDG Industrial 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 PENDULUM WDG Industrial Herbicide and ARSENAL herbicide prior to use.

WEED CONTROL IN AND AROUND ESTABLISHED PLANTINGS

PENDULUM WDG Industrial Herbicide is recommended for preemergence control of the weed species listed in and around established Christmas tree plantations and in and around es-

tablished ornamentals planted in noncropland areas such as highway rights-of-way, utility substations, or similar areas.

Precautions

Apply PENDULUM WDG Industrial Herbicide only to established plantings.

The efficacy of PENDULUM WDG feductrial Horbicide will be improved if the application is followed by one half inchicling that or its equivalent in sprinkler impation.

Care must be taken that suit or planding mixes have uettled firmly following transplanting and that there are no cracks that would allow direct contact of PENDULUM WDG Industrial Herbicide and roots. Directed sprays where soil and media surfaces are uniformly covered will result in best weed control and ornamental forerance. Plant orn, those desimble plant species listed on this label into soil treated the previous season with PENDULUM WDG Industrial Perbicide or injury may occur

SHRUBS

RECOMMENDED SPECIES

PENDULUM WDG Industrial Herbicide sprays can be safely applied over the top of the established plants listed below:

SHRUBS

Common Name	Scientific Name
Ash, Red	Fraxinus pennsylvanica
Birch, European Weeping	Betula pendula
Birch, River	Betula nigra
Cedar, Northern White	Thuja occidentalis
Cedar, Red	Juniperus virginiana
Chamaecyparis, Boulevard	Chamaecyparis pisifera
Crapemyrtle, Common	Lagerstroemia indica
Cryptomeria, Japanese	Cryptomeria japonica cv. "Nana"
Dogwood, Flowering	Comus florida
Dogwood, Silky	Comus amonum
Fir. Balsam	Abies balsamae
Fir, Douglas	Pseudotsuga menziesii
Fir, Fraser	Abies fraseri
Fir, White	Abies concolor
Hemlock, Eastern	Tsuga canadensis
Ho‼y, American	llex opaca cv. "Tsuga"
Lilac, Common	Syringa vulgaris
Locuet, Haney	Gleditsia triacanthos cv "Inermis"
Maple, Red	Acer rubrum
Dak, Live	Quercus virginiana
Oak, Water	Ouercus nigra
Peach	Prunus persica
Pine Austrian	Pinus nigra

Common Name	Scientific Name
Barberry, Red	Berberis thunbergii cv. "Atropurpurea Nana"
Bottlebrush	Callistemon citrinus
Boxwood, Common	Buxus sempervirens
Capejasmine	Gardenia jasminoides cv. "Mystery"
Cotoneaster, Rock	Cotoneaster horizontalis
Euonymous	Euonymous a'ata cv. "Compacta"
Firethorn	Pyracantha coccinca
Forsythia, Border	Forsythia intermed a
Hawthorne, Indian	Raphiolepis indica
Holly, Chinese	llex cornuta
Holly, Japanese	llex crenata cv. "Compacta
Holly, Yaupon	llex vomitorin cv "Shillings Dwarf
Juniper, Chinese	Juniperus chinensis cv. "Gold Chin!" cv. "Pfitzer" cv. "Pfitzerana" cv. "Pfitzer Aurea" cv. "Pfitzer Glauca" cv. "Procumbens Nana" cv. "San Jose" cv. "Sea Green"
Juniper, Creeping	Juniperus herizontalis cv. "Wiltonii"
Juniper, Shore	Juniperus conferta
Juniper, Trading	Juniperus horizontalis cv. "Plumosa" cv. "Prince of Wales" cv. "Youngstewn"

Common Name	Scientific Name
Yew	Taxus media
Yew, Japanese	Taxus cuspidata
GROUND COVERS	
Common Name	Scientific Name
Ajuga	Ajuga reptans
Brush, Dwarf Coyete	Baccharis chiloensis
Capeweed	Arctotheca calendula
Daisy, Trailing African	Osteospormum fructicosum
Euchymous	Eucnymus fortunei cv. "Sercox'e"
Gazania	Gazania splendens
Rose-of-Sharon	Hypencum calycinum
Iceplant, Large Lenf	Carpobrolus edule
lvy, English	Helix hedera
lvy, Geranium	Pelargonium pellatum
Myeporum	Myenorum parvillerum
Pachysandra	Pachysandra termina s
Potentilla	Poteni la jackmacii
Potentilla	Potentilla verna
Red Apple	Aptenia corditolia
Rosemary	Besemamus officinalis
Sand Strawberry	Fragaria chiloensis
Verbena, Peruvian	Verhena perusiana
Vinca	Vinca minor cv "Bowles"

BEST AVAILABLE COPY

Pine, Italian Stone	Pinus pinea
Pine, Lobfolly	Pinus taeda
*Pine, Scotch	Pinus sytvestris
*Pine, Virginia	Pinus virginiana
Pine, White	Pinus strobus
Sourwood	Oxydendron arboreum
Spruce, Colorado Blue	Picea pungens
Spruce, White	Picea glauca
Do not use in California.	
SHRUBS	
Common Name	Scientific Name
Abelia, Glossy	Abelia grandiflora cv. "Grandiflora"
Azalea	Rhododendron indicum
Azalea	Rhododendron sp. cv. "Red Gumpo" cv. "White Gumpo"
Bamboo, Heavenly	Nandina domestica
Barberry, Japanese	Berberls thunbergii cv. "Atropurpurea"

Laurel, Mountain	Kalmia latifolia
Laurel, Schipka	Prunus schipkanensis
.ily-of-the-Nile	Agapanthus efricanus
lgustrum, Variegated	Ligustrum sinensis cv. "Variegala"
Mock Orange	Pittosporum tobira
fyrtle, Compact	Myrtus communis cv. "Compacta"
Ayrtle, Wax	Myrica cerifera
landina	Nandina domestica
Pleander	Nerium oleander cv, "Sister Agnes"
alm, European Fan	Chamaerops humilis
hotinia, Fraser	Photinia X Fraseri
ieris, Japanese	Pieris japonica
lum, Natal	Carissa grandiflora
rivet, California	Ligustrum ovalifellum
rivet, Waxleaf	Ligustrum japonicum
pirea	Spirea vanhouttei

Common Name	Scientific Name
Aster, New York	Aster novl-belgii
Butterfly Weed	Asclepias tuberosa
Daylily	Hemerocallis sp., cv. "Tok-Tock" •
Hosta	i losta sp." cv. "Honeybelis"
Linope, Variegated	Liriope muscari cv. "Silvery Sunproof"
Purple Loosestrife	ythrum ringatym cv. "Mcrden's G'eam"
ORNAMENTAL GRASSES	
Common Name	Scientific Name
Beach grass	Ammophila breviligulata
Fescue, blue	Festuca ovina cv. "Glauca"
Fountain grass	Pennisetum setaceum
Pampas grass	Cortaderia selloana
Ribbon grass	Phalaris arundinacea cv. "Picta"
Tufted hair grass	Deschampsia caespitosa

WEED SPECIES CONTROLLED

The following grass and broadleaf weeds are controlled by preemergence treatments of PENDULUM WDG Industrial Herbicide at the rates recommended:

GRASSES CONTROLLED	
Common Name	Scientific Name
Barnyardgrass	Echinochloa crus-galli
Bluegrass, Annual	Poa annua
Crabgrass	Digitaria spp.
Crowlootgrass	Dactyloctenium aegyptium
Foxtail, Grant	Setaria faberi
Foxtail Green	Setaria viridis
Foxtail, Yellow	Setaria lutescens
Goosegrass	Eleusine Indica
Itchgrass	Rottboellia exaltata
Johnsongrass (from seed)	Sorghum halepense
Junglerice	Echinochloa colonum
Lovegrass	Eragrostis spp.
Panicum, Browntop	Panicum fasciculatum -
Panicum, Fall	Panicum dichotomiflorum
Panicum, Texas	Panicum texanum

GRASSES CONTROLLED	
Common Name	Scientific Name
Sandbur, Field	Cenchrus incertus
Signalgrass	Brachiaria platyphylla
Sprangletop, Mexican	Leptochloa umnervia
Sprangletop, Red	Leptochloa fil formis
Witchgrass	Panicum capillara
Woolly Cupgrass	Eriochioa villosa
BROADLEAF WEEDS CON	TROLLED
Carpetweed	Mollugo vert ciliata
Chickweed, Common	Stellana med a
Chickweed, Mouseear	Cerastium vuightum
Clover, Hop	Trifolium procumbions
Cudweed	Gnaphalium spp
Fiddleneck	Amsinckia intermedia
Filaree	Erodium spp
Henbit	amium amplexicaula

Common Name	Scientific Name
Knotweed (prostrate)	Polygonum aviculare
Kochia	Kocha scopana
Lambsquarters	Chenepodium album
Pigweed	Amaranthus spp
Puncturevine	Tribulus terrestris
Purslane	Portulaça oleracea
Pusley, Florida	Riot ardia scabra
Pocket, London	S symbrium inio
Shepherdspurse	Capsella bursa-pastoris
Smartweed, Pennsylvania	Polyganum pensy kan hum
Spurge, Annual	Euchorbia spp
Spurge, Prostrate	Euphort is maticulata
Woodsorrel, Yellow	Oxal s stricta
Velvetleaf (Buttonweed)	Abution theophrasti

