

DOC ID 518022

ACCEPTED
FOR REGISTRATION

3/25/09

New York State Department
of Environmental Conservation
Division of Solid & Hazardous Materials
Pesticide Product Registration**PRO-MATE® PRODIAMINE® 0.29%
PLUS FERTILIZER****FOR SELECTIVE PREEMERGENCE CONTROL OF GRASS AND BROADLEAF WEEDS IN LAWNS
AND ORNAMENTAL TURF (excluding golf course putting greens)****LANDSCAPE ORNAMENTAL, ESTABLISHED PERENNIALS AND WILDFLOWER PLANTINGS****Stops Many Ugly Weed Grasses Before They Grow****PREVENTS CRABGRASS, ANNUAL BLUEGRASS, FOXTAIL & MORE****ACTIVE INGREDIENT:**Prodiamine: [N³ N³-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine] 0.29%**INERT INGREDIENTS** 99.71%**TOTAL** 100.00%**KEEP OUT OF REACH OF CHILDREN
CAUTION**Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or repeated skin contact with product may cause allergic reactions in some individuals.

FIRST AID**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (800) 424-9300, collect day or night, for emergency medical treatment information.

SEE BACK PANEL FOR FURTHER PRECAUTIONS AND FIRST AID INFORMATION.

SN 082008/0309

EPA Reg. No.: 5905-573

EPA Est. No.: First letters of product batch code indicate producing establishment.

5905-NC-018 • 5905-NM-001 • 5905-FL-013 • 5905-NE-009

NET WEIGHT:
50 Lbs. (22.68 kg)**Manufactured For
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300 • COLLIERVILLE, TENNESSEE 38017**

PF-36643

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING ▲

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, 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 sites. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use on lawns, ornamental turf (excluding golf course putting greens), and ornamental trees, vines, and plants only. Not for use on plants being grown for sale or other commercial use, for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

This product is a selective pre-emergence herbicide that provides residual control of many grass and broadleaf weeds in established lawns and ornamental turf (excluding golf course putting greens), landscape ornamentals and established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seeds, germination and root development. When used according to directions, it will control: barnyardgrass; bluegrass; annual (*Poa annua*); carpetweed; chickweed, common; chickweed, mouseear (from seed); crabgrass (large, smooth); crowfootgrass; cupgrass, woolly; foxtails, annual; goosegrass¹; henbit; itchgrass; johnsongrass (from seed); junglerice; knotweed; kochia; lambsquarter, common; lovegrass; panicum (Texas, fall, browntop); pigweed; purslane, common; pusley, Florida; rescuegrass³, shepherd's purse², signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from seed).

¹ In many areas a single application of 5.2 to 11.9 pounds/1,000 square feet (225 to 518 pounds/acre) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 5.2 to 7.9 pounds/1,000 square feet (225 to 345 pounds/acre), followed after 60 to 90 days by a second application at doses that would not exceed the maximum annual rate (see "Minimum and Maximum Application Rate by Turfgrass Species" table in the Rates of Application section of this label).

² For this weed, apply in late summer, fall or winter prior to germination.

³ Suppression only.

WHEN TO APPLY TO ESTABLISHED TURF: This product must be applied prior to germination of weed seeds, as it will not control established weeds.

THIS MAP SHOWS APPROXIMATE CRABGRASS GERMINATION DATES



APPLICATION DIRECTIONS: Apply this product uniformly, using a suitable spreader that has been properly calibrated. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1-2 inches) incorporation, prior to weed seed germination and within 14 days application.

USE PRECAUTIONS: The following precautions apply to the use of this product in turf grasses and lawns. Application of this product may thin emerged annual bluegrass and newly overseeded grasses. Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil (not thatch plus soil). Do not apply newly set sod until the following year. Application to turf

stressed by drought, low fertility, or pest damage n as core aeration) may result in reduced weed control velvet bentgrass or annual bluegrass (*Poa annua*) apply aerially. Do not graze or feed livestock forage

RATES OF APPLICATION: This product is recommended amount of this product that may be applied rate listed:

MINIMUM AND MAXIMUM
Turf Species
Bahiagrass, Bermudagrass ² , Centipedegrass, Zoysiagrass, Seashore Paspalum, St. Augustinegrass Tall Fescue (including turf-Type)
Buffalograss Kentucky Bluegrass, Perennial Ryegrass
Creeping Red Fescue
Creeping Bentgrass

¹ These are the maximum rates per calendar year.

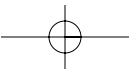
² May be used on newly sprigged or plugged Berm Newly sprigged or plugged Bermudagrass stolon rescuegrass due to reduced rates used in spriggi

This product may be applied as a single applicatio Sequential applications may be made so long as th tion rates recommended for each turf species. The rate applied. Use the higher rates listed for longer

WHEN TO OVERSEED AFTER APPLICATION: cation. Follow rates and intervals in table for best South Zones.

USE RATE
2.75 pounds/1,000 sq. ft. (120 pounds/acre)
5.2 pounds/1,000 sq. ft. (225 pounds/acre)
6 pounds/1,000 sq. ft. (260 pounds/acre)
6.3 pounds/1,000 sq. ft. (275 pounds/acre)
7.9 pounds/1,000 sq. ft. (345 pounds/acre)
9 pounds/1,000 sq. ft. (393 pounds/acre)
10.3 pounds/1,000 sq. ft. (448 pounds/acre)
11.9 pounds/1,000 sq. ft. (518 pounds/acre)

LANDSCAPE ORNAMENTALS: (including establ ual pre-emergence weed control in ornamentals. A in fall and/or spring. Use higher rates of applicatio total amount of product applied does not excee pounds/acre) per year.



ver, at concentrations above the water is present or to intertidal atic organisms in adjacent sites.

and plants only. Not for use on ch purposes. For use on plants rks, or on golf courses or lawns

ction, or for research purposes. broadleaf weeds in established ished perennials and wildflower When used according to direc- n; chickweed, mouseear (from it; itchgrass; johnsongrass (from); pigweed; purslane, common; letop; spurge, prostrate; witch-

ill control goosegrass. However, may be obtained with an initial days by a second application at e by Turfgrass Species" table in

weed seeds, as it will not control

0
March 20

properly calibrated. Most effec- ion, or with shallow (1-2 inches)

wns. Application of this product within 60 days after seeding or : is applied before seedling sec- following year. Application to turf

stressed by drought, low fertility, or pest damage may result in turf injury. Disturbing the herbicide barrier with cultural practices (such as core aeration) may result in reduced weed control. Do not apply to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species. Do not apply through any type of irrigation system. Do not apply aerially. Do not graze or feed livestock forage cut from treated areas.

RATES OF APPLICATION: This product is recommended for use on the turf grass species listed in the following table. The maximum amount of this product that may be applied per year is given for each turf grass species. Do not exceed the maximum yearly rate listed:

MINIMUM AND MAXIMUM APPLICATION RATES (by Turf Grass Species)		
Turf Species	Minimum Rate	Maximum Annual Rate ¹
Bahiagrass, Bermudagrass ² , Centipedegrass, Zoysiagrass, Seashore Paspalum, St. Augustinegrass Tall Fescue (including turf-Type)	2.75 lbs./1,000 sq. ft. (120 lbs./acre)	11.9 lbs./1,000 sq. ft. per year (518 lbs./acre per year)
Buffalograss Kentucky Bluegrass, Perennial Ryegrass	2.75 lbs./1,000 sq. ft. (120 lbs./acre)	7.9 lbs./1,000 sq. ft. per year (345 lbs./acre per year)
Creeping Red Fescue	2.75 lbs./1,000 sq. ft. (120 lbs./acre)	6 lbs./1,000 sq. ft. per year (260 lbs./acre per year)
Creeping Bentgrass	2.75 lbs./1,000 sq. ft. (120 lbs./acre)	5.2 lbs./1,000 sq. ft. per year (225 lbs./acre per year)

¹These are the maximum rates per calendar year.
²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 4.1 pounds/1,000 square feet (179 pounds/acre). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of foxtail, goosegrass and rescuegrass due to reduced rates used in sprigging situations.

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. The length of time of residual weed control provided by this product is related to the rate applied. Use the higher rates listed for longer periods of weed control.

WHEN TO OVERSEED AFTER APPLICATION: This product will inhibit germination of turf seed if overseeded too soon after application. Follow rates and intervals in table for best overseeding/reseeding results. See map above for states in North, Transition, and South Zones.

USE RATE	MONTHS BEFORE OVERSEEDING		
	North	Transition	South
2.75 pounds/1,000 sq. ft. (120 pounds/acre)	4	4	4
5.2 pounds/1,000 sq. ft. (225 pounds/acre)	5	4	4
6 pounds/1,000 sq. ft. (260 pounds/acre)	6	5	5
6.3 pounds/1,000 sq. ft. (275 pounds/acre)	–	6	6
7.9 pounds/1,000 sq. ft. (345 pounds/acre)	–	7	7
9 pounds/1,000 sq. ft. (393 pounds/acre)	–	–	9
10.3 pounds/1,000 sq. ft. (448 pounds/acre)	–	–	10
11.9 pounds/1,000 sq. ft. (518 pounds/acre)	–	–	12

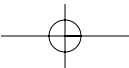
LANDSCAPE ORNAMENTALS: (including established perennials and wildflower plantings): This product may be applied for residual pre-emergence weed control in ornamentals. Apply at the rate of 5.2 to 11.9 pounds/1,000 square feet (225 to 518 pounds/acre) in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 11.9 pounds/1,000 square feet (518 pounds/acre) per year.

SPREADER SET	
	1 lb.
SGN 150-180	
Earthway Rotary	11
Ezee-Flow	C1
Lesco	C
Lesco	8
Scotts SR2000	H
SGN 200-220	
Earthway Rotary	12
Ezee-Flow	C1
Lesco	D
Lesco	10
Scotts SR2000	I

(May contain additional spreader brand:

APPLICATION TIMING AND INFORMATION: broadcast, over the top or directed applic before applying. Apply after cuttings forr taken to avoid any inhibition of the tissue effective weed control in ornamentals wil with shallow (1 to 2 inch) mechanical inc weed control is obtained when applied to vegetation by hand weeding, cultivation c
TOLERANT ORNAMENTAL SPECIES: are tolerant to this product. Best results w mental shoots which may defeat the effo of these species. When plants are under s tive to this product.

- SCIENTIFIC NAME**
Abies spp.
Abelia grandiflora
Acer palmatum
A. platanoides
Achillea spp.
Agapanthus africanus
Agapanthus orientalis
Akebia quinata
Allium cernuum
Anemone hybrida
Aquilegia spp.
Arctostaphylos densiflora
Arctotheca calendula
Artemisia spp.
Aster spp.
Aster X Frikartii
Athrium Filiz-femina
Aucuba japonica
Begonia spp.
Berberis gladwynensis
B. Julianae
B. mentorensis
B. Thunbergii



icide barrier with cultural practices (such as where dichondra, colonial bentgrass, or any type of irrigation system. Do not

is listed in the following table. The maximums. Do not exceed the maximum yearly

Grass Species)
Maximum Annual Rate ¹
11.9 lbs./1,000 sq. ft. per year (518 lbs./acre per year)
7.9 lbs./1,000 sq. ft. per year (345 lbs./acre per year)
6 lbs./1,000 sq. ft. per year (260 lbs./acre per year)
5.2 lbs./1,000 sq. ft. per year (225 lbs./acre per year)

nds/1,000 square feet (179 pounds/acre). Application only of foxtail, goosegrass and

weeds germinating throughout the year. Do not exceed the maximum annual application provided by this product is related to the

seed if overseeded too soon after application above for states in North, Transition, and

BEFORE OVERSEEDING	
Transition	South
4	4
4	4
5	5
6	6
7	7
–	9
–	10
–	12

); This product may be applied for residential 100 square feet (225 to 518 pounds/acre) applications may be made so long as the of 11.9 pounds/1,000 square feet (518

SPREADER SETTINGS to apply at the listed pounds per 1,000 square feet						
	1 lb.	2 lbs.	3 lbs.	4 lbs.	5 lbs.	6 lbs.
SGN 150-180						
Earthway Rotary	11	12	14	15	15	16
Ezee-Flow	C1	C1	C2	C2½	C3	C3
Lesco	C	D	H	I	I	J
Lesco	8	10	15	16	17	21
Scotts SR2000	H	I	J	K	L	M
SGN 200-220						
Earthway Rotary	12	14	15	16	18	20
Ezee-Flow	C1	C2	C2½	C3	A4	A5
Lesco	D	G	I	J	K	L
Lesco	10	15	17	21	22	24
Scotts SR2000	I	K	L	M	N	O
(May contain additional spreader brands/models, spreader settings and spreader use instructions as appropriate for the product.)						

APPLICATION TIMING AND INFORMATION: This product may be applied to newly transplanted and established ornamentals a broadcast, over the top or directed application. Around new transplants, delay application to allow soil to settle and water thoroughly before applying. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union. This product is a pre-emergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when applied to soil free of clods, weeds and debris such as leaves. Prior to application, control existing vegetation by hand weeding, cultivation or the use of an appropriate post-emergence herbicide.

TOLERANT ORNAMENTAL SPECIES: This product will not harm most trees, shrubs, vines and flowers. The species listed below are tolerant to this product. Best results will be obtained when product is uniformly applied to the soil surface; avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species. When plants are under stress (such as heat, drought or frost damage) some cultivars of listed plants may be sensitive to this product.

SCIENTIFIC NAME

Abies spp.
Abelia grandiflora
Acer palmatum
A. platanoides
Achillea spp.
Agapanthus africanus
Agapanthus orientalis
Akebia quinata
Allium cernuum
Anemone hybrida
Aquillegia spp.
Arctostaphylos densiflora
Arctotheca calendula
Artemesia spp.
Aster spp.
Aster X Frikartii
Athrium Filiz-femina
Aucuba japonica
Begonia spp.
Berberis gladwynensis
B. Julianae
B. mentorensis
B. Thunbergii

COMMON NAME

Fir species* (Balsam, Frasier, Noble, etc.)
Abelia: Sherwood
Japanese Maple
Norway Maple
Yarrow: King Edward
Lily-of-the-Nile (African Lily)

Five-leaf of Chocolate Vine
Lady's Leek, Nodding Onion
Japanese Anemone
Aquillegia: Red and Gold
Vine Hill Manzanita
Cape Weed
Wormwood; Silver Mound, Castle
Aster: Bonnie Blue, Purple Dome

Lady Fern; Fern Lady
Japanese Aucuba
Fibrous Begonia: Hardy Grandis
Barberry
Wintergreen Barberry
Mentor Barberry
Japanese Barberry

SCIENTIFIC NAME

B. Verruculosa
Bergenia cordifolia
Boltonia asteroides
Buddleia davidii
Buxus microphylla
Callistermon viminalis
Calluna vulgaris
Campanula carpatica
Campis X Tagliabuana
Carpobrotus edulis
Cassia artemisoides
Ceanothus rigidus
Cerastostigma plumbagonoides
Chamaecyparis pisifera
Cleleya japonica
Coreopsis spp.
Cornus florida
C. Stolonifera
Cortaderia seloana
Cotoneaster apiculatus
C. buxifolius
C. dammeri
C. Microphyllus
Cretageus spp.
Crococsmia spp.
Cupressus sempervirens
Delosperma alba
Delosperma spp.
Delphinium spp.
Dianthus deltoides
D. gratianopolitanus
Dodonea viscosa
Echinacea purpurea
Elaeagnus pungens
Evonymus fortunei
E. japonica
E. kiautschovica
Fatsia japonica
Forsythia intermedia
Forsythia suspensa
F. viridissima
Gaillardia spp.
Gardenia jasminoides
Gaura spp.
Gentiana dahurica
Geranium cinereum
Gladiolus spp.
Gypsophilla repens
Hedera helix
Heliathanthem spp.
Hemerocallis spp.
Hibiscus
Hibiscus spp.
Hibiscus rosa-sinensis
Hosta plantaginea

(continued)

per 1,000 square feet		
4 lbs.	5 lbs.	6 lbs.
15 C2½ I 16 K	15 C3 I 17 L	16 C3 J 21 M
16 C3 J 21 M	18 A4 K 22 N	20 A5 L 24 O
Use instructions as appropriate for the product.)		

ewly transplanted and established ornamentals a
ication to allow soil to settle and water thoroughly
before budding/grafting or after buds/grafts have
erbicide and will not control emerged weeds. Most
ted by at least 0.5 inch of rainfall or irrigation, or
on and within 14 days following application. Best
ch as leaves. Prior to application, control existing
ice herbicide.

rubs, vines and flowers. The species listed below
applied to the soil surface; avoid applying to orna-
urface. This product may be applied over the top
age) some cultivars of listed plants may be sensi-

rasier, Noble, etc.)

1 Lily)

Vine
Onion

ild

und, Castle
rple Dome

y Grandis

(continued)

SCIENTIFIC NAME

B. Verruculosa
Bergenia cordifolia
Boltonia asteroides
Buddleia davidii
Buxus microphylla
Callistermon viminalis
Calluna vulgaris
Campanula carpatica
Campis X Tagliabuana
Carpobrotus edulis
Cassia artemisoides
Ceanothus rigidus
Ceratostigma plumbagonoides
Chamaecyparis pisifera
Cleyera japonica
Coreopsis spp.
Cornus florida
C. Stolonifera
Cortaderia seloana
Cotoneaster apiculatus
C. buxifolius
C. dammeri
C. Microphyllus
Cretaeus spp.
Crococsmia spp.
Cupressus sempervirens
Delosperma alba
Delosperma spp.
Delphinium spp.
Dianthus deltoides
D. gratianopolitanus
Dodonea viscosa
Echinacea purpurea
Elaeagnus pungens
Euonymus fortunei
E. japonica
E. kiautschovica
Fatsia japonica
Forsythia intermedia
Forsythia suspensa
F. viridissima
Gaillardia spp.
Gardenia jasminoides
Gaura spp.
Gentiana daturica
Geranium cinereum
Gladiolus spp.
Gypsophila repens
Hedera helix
Hellanthemum spp.
Hemerocallis spp.
Hibiscus
Hibiscus spp.
Hibiscus rosa-sinensis
Hosta plantaginea

COMMON NAME

Warty Barberrry

Snowbank
Butterfly-Bush (Dwarf Blue); Royal Red
Japanese Boxwood
Weeping Bottlebrush
Scotch Heather
Tussock Bellflower, (White Clips)
Trumpet Flower, Madame Galen
Hottentot Fig (Ice Plant)
Feathery Cassia
Wild Lilac

False Cypress
Cleyera
Coreopsis (Calliopsis) Early Sunrise, Moonbeam
Flowering Dogwood
American Dogwood
Pampas Grass
Cranberry Cotoneaster
Cotoneaster
Bearberry Cotoneaster
Rockspray Cotoneaster
Hawthorne
Lucifer
Italian Cypress
White Trailing Ice Plant
Cooperi Pink
Larkspur: Blue Elf
Dianthus: Maiden Pinks "Zing"
Cheddar Pink
Hop Bush
Coneflower, Purple; Magnus
Silverberry
Wintercreeper
Evergreen Euonymus
Spreading Euonymus
Japanese Aralia
Border Forsythia
Weeping Forsythia
Greenstem Forsythia
Gaillardia, Blanket Flower: "Goblin"
Gardenia, Cape-Jasmine

Gentian
Cranesbill
Gladiolus species*
Baby's Breath
English Ivy
Sunrose
Daylily: Aztec Gold, Stella de Oro, Tender Love
Rose Sharon**
Mallow: Disco Belle White
Chinese Hibiscus
Hosta, Plantain Lily (Fragrant)

(continued)

SCIENTIFIC NAME

H. Sieboldiana
Houttuynia cordata var. *variegata*
Hydrangea macrophylla
Ilex Bernyi
Ilex cornuta
I. crenata
I. opaca
I. vomitoria
Inula ensifolia
Iris ensata
Iris siberica
Iris spp.
Jasminium nudiflorum
Juniperus chinensis
J. conferta
J. davurica
J. horizontalis
Justicia brandegeana
Lagerstromia indica
Lagerstromia indica X *Fauriei*
Lantana montevidensis
Lavender spp.
Leonopodium alpinum
Ligustrum amurense
Ligustrum sinense
L. japonicum
L. lucidum
Lilium spp.
Liriope muscari
Liriope muscari var. *variegata*
Liriope spicata
Lobelia Cardinalis
Lonicera japonica
L. tatarica
Lorapetalum Chinese
Lythrum spp.
Magnolia spp.
Maleophora luteola
Miscanthus sinensis
Nandina domestica
Narcissus spp.
Nerium oleander
Ophiopogon japonicus
Omanthus heterophyllus
Osteospermum fruticosum
Oxydendrum arboreum
Paeonia suffruticosa
Pennisetum setaceum
Perovskia atriplicifolia
Photinia Fraseri
Physotegia Virginiana
Picea spp.
Pieris japonica
Pinus brutia
P. canariensis

COMMON NAME

Hosta, "Seersucker"

Bigleaf Hydrangea
Holly
Chinese Holly
Japanese Holly
American Holly
Yaupon Holly, Schillings

Sword-Leaved Iris; Jodlesong
Siberian Iris; Cabernet
Iris species*
Winter Jasmine
Chinese Juniper; Nick's Compact, *Parsonnii*
Shore Juniper; Blue Pacific
Parsoni
Creeping Juniper
Shrimp Plant
Crape Myrtle
Crape Myrtle; Tuscarora
Weeping Lantana
Lavender; Munstead
Edelweiss
Amur Privet
Chinese Privet; Variegata
Japanese Privet
Glossy Privet (Waxleaf)
Lily; Jazz
Big Blue Lily, Silver Mound, Evergreen Giant
Liriope, Variegated
Liriope, Creeping
Cardinal Flower, Indian Pink
Japanese Honeysuckle
Tatarian Honeysuckle
Burgundy
Loosestrife; Modern Pink
Magnolia species*
Ice Plant
Yaku Jima, Silberfeder
Heavenly Bamboo
Narcissus species*
Oleander
Mondo Grass
Osmanthus (False Holly); Gulf Tide
Trailing African Daisy
Sourwood
Tree Peony
Fountain Grass (Dwarf)

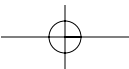
Fraser's Photinia (Redtip)
Dragonhead, False; Vivid
Spruce species* (Colorado Blue, Norway, etc.)
Lily-of-the-Valley Bush
Calabrian Pine
Canary Island Pine

SCIENTIFIC NAME

P. Elliotti
P. halepensis
P. nigra
P. palustris
P. radiata
P. strobus
P. sylvestris
P. taeda
P. Thunbergiana
P. Virginiana
Pittosporum rhombifolium
P. tobira
Podocarpus macrophyllus
Prunus laurocerasus
Pseudotsuga menziesii
Pyracantha coccinea
P. fortuneana
P. koidzumii
Pyrus spp.
Quercus Shumardii
Quercus spp.
Raphiolepis indica
Raphiolepis umbellata
Rhododendron
(including *Azalea*)

Rosa banksiae
Rudbeckia spp.
Santolina virens
Saxifraga spp.
Scabiosa spp.
Sedum album
Sedum caudicicola
Sedum dasyphyllum
Sedum spurium
Spiraea bumalda
Syzygium paniculatum
Taxus cuspidata
T. media
Teucrium spp.
Thalictrum dipterocarpum
Thuja occidentalis
Trachelospermum asiaticum
Tsuga Canadensis
Tulipa spp.
Veronica spp.
Viburnum japonicum
V. odoratissimum
V. plicatum
V. rigidum
V. suspensum
V. tinus
V. trilobium
V. wrightii

(continued)



SCIENTIFIC NAME

P. Elliotti
P. halepensis
P. nigra
P. palustris
P. radiata
P. strobus
P. sylvestris
P. taeda
P. Thunbergiana
P. Virginiana
Pittosporum rhombifolium
P. tobira
Podocarpus macrophyllus
Prunus laurocerasus
Pseudotsuga menziesii
Pyracantha coccinea
P. fortuneana
P. koidzumii
Pyrus spp.
Quercus Shumardii
Quercus spp.
Raphiolepis indica
Raphiolepis umbellata
Rhododendron
(including *Azalea*)

Rosa banksiae
Rudbeckia spp.
Santolina virens
Saxifraga spp.
Scabiosa spp.
Sedum album
Sedum caudicicola
Sedum dasyphyllum
Sedum spurium
Spiraea bumalda
Syzygium paniculatum
Taxus cuspidata
T. media
Teucrium spp.
Thalictrum dipterocarpum
Thuja occidentalis
Trachelospermum asiaticum
Tsuga Canadensis
Tulipa spp.
Veronica spp.
Viburnum japonicum
V. odoratissimum
V. plicatum
V. rigidum
V. suspensum
V. tinus
V. trilobium
V. wrightii

(continued)

COMMON NAME

Slash Pine
Aleppo Pine
Austrian Pine
Longleaf Pine
Monterey Pine
Eastern White Pine
Scotch Pine
Loblolly Pine
Japanese Black Pine
Virginia Pine
Queensland Pittosporum
Japanese Pittosporum
Japanese Yew
English Laurel
Douglas Fir*
Firethorn (Scarlet)
Firethorn
Firethorn
Bradford Pear spp.
Oak, Shumard's Red
Oak species
Indian Hawthorne
Yedda Hawthorne
'Coral Bells,' 'Formosa,' 'Hino-crimson,' 'PJM'
'Delaware Valley White', 'Roseum Elegans,'
'Flame Creeper', 'Girard Crimson', 'Wakelebisu'
'White Gumbo', 'George L. Tabor'
Lady Bank's Rose
Black-Eyed Susan; Goldstrum
Santolina
Saxifrage; Purple Dome
Pincushion Flower
Stonecrop
Stonecrop; Lidakense
Stonecrop
Stonecrop; Dragon Blood
Spirea; Anthony Waterer
Australian Brushcherry
Japanese Yew
Yew
Germander
Meadow Rue
American Arborvitae
Star Jasmine
Canada Hemlock
Tulip species
Veronica, Speedwell; Sunny Border
Japanese Viburnum
Sweet Viburnum
Japanese Snowball
Canary Island Viburnum
Arrowwood Viburnum
Laurustinus
Cranberry Bush
Leatherleaf Viburnum

(continued)

SCIENTIFIC NAME

Vinca major
Vinca Minor
Weigela florida
Yucca aloifolia
Y. filametosa

*Not for use on container grown plants.

STC

Do not contaminate water, food or feed by

STORAGE: Store in original container in a

PESTICIDE DISPOSAL: Wastes resulting

posal facility.

CONTAINER DISPOSAL: Non-refillable c

equipment. Dispose of empty bag in a sani

If burned, stay out of smoke.

CONDITIONS
LIMITATI

Read the Conditions of Sale – Warranty a
are not acceptable, return the product,

The directions on this label are believed to be
inherently associated with use of this produ
occurrence of extraordinary or unusual weat
all of which are beyond the control of Helen
tions may cause injury to crops, animals, ma
cal description on the label and is reasonably
which are beyond the control of the Compai
implied, concerning the product, including n
warranty shall be implied by law.

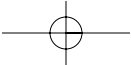
The exclusive remedy against the Company i
at Helena Chemical Company's election, one

- 1. Refund of the purchase price paid by buy
- 2. eplacement of the product used

To the extent allowed by law, the Company
indirect, incidental, or consequential damage
Company and the seller offer this product an
of warranty, liability and remedies.

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PRO-MATE® is registered trademark of Hele



SCIENTIFIC NAME

Vinca major
Vinca Minor
Weigela florida
Yucca aloifolia
Y. filametosa

COMMON NAME

Greater Periwinkle, Vinca
Common Periwinkle, Vinca
Old Fashioned Weigela
Spanish Bayonet, Yucca
Adam's Needle, Yucca

*Not for use on container grown plants.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store in original container in a locked storage area out of reach of children and domestic animals.
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: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. 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.

**CONDITIONS OF SALE – LIMITED WARRANTY AND
LIMITATION OF LIABILITY AND REMEDIES**

Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label 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 from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

- 1. Refund of the purchase price paid by buyer or user for product bought, or
- 2. replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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PRODIAMINE® is a registered trademark of Syngenta.
PRO-MATE® is registered trademark of Helena Holding Company.

PRO-MA

**FOR SELECTIVE PREEN
AND ORNAMENTAL
LANDSCAPE ORNAMENTAL
Stops M
PREVENTS CR**

ACTIVE INGREDIENT:
Prodiamine; [N³ N³-Di-n-propyl-2,4-
INERT INGREDIENTS
TOTAL

KEEP

Si usted no entier
(If you do not)

HAZ

Causes moderate eye injury (irritation).
Wash thoroughly with soap and water a

IF IN EYES: Hold eye open and rinse sl
continue rinsing eye. Call a poison cont
IF ON SKIN OR CLOTHING: Take off co
ter or doctor for treatment advice.
IF SWALLOWED: Call a poison control
induce vomiting unless told to do so by
IF INHALED: Move person to fresh air
mouth, if possible. Call a poison control

Have the product container or label wit
9300, collect day or night, for emergen

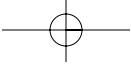
SEE BACK P.

SN 082008/0309
EPA Reg. No.: 5905-573
EPA Est. No.: First letters of produc
5905-NC-018 • 5905-NM-001 • 590

225 SCHILLING BO

Job #36643

(continued)



PRO-MATE® PRODIAMINE® 0.29% PLUS FERTILIZER

**FOR SELECTIVE PREEMERGENCE CONTROL OF GRASS AND BROADLEAF WEEDS IN LAWNS
AND ORNAMENTAL TURF (excluding golf course putting greens)
LANDSCAPE ORNAMENTAL, ESTABLISHED PERENNIALS AND WILDFLOWER PLANTINGS**
Stops Many Ugly Weed Grasses Before They Grow
PREVENTS CRABGRASS, ANNUAL BLUEGRASS, FOXTAIL & MORE

ACTIVE INGREDIENT:	
Prodiamine: [N ³ N ³ -Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine]	0.29%
INERT INGREDIENTS	99.71%
TOTAL	100.00%

SAL

en and domestic animals.
osed of on site or at an approved waste dis-

iner. Completely empty bag into application
ad by State and local authorities, by burning.

ARRANTY AND EMEDIES

lies before using this product. If the terms
e will be refunded.

: However, it is impossible to eliminate all risks
inintended consequences may result from the
label directions or good application practices,
seller. In addition, failure to follow label direc-
rants that this product conforms to the chemi-
ions for use subject to the factors noted above
ties or representations of any kind express or
itness for any particular purpose, and no such

dling or use of this product shall be limited to,

: against the Company are waived for special,
it not limited to, loss of profits or income. The
the foregoing conditions of sale and limitation

KEEP OUT OF REACH OF CHILDREN CAUTION

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

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust.
Wash thoroughly with soap and water after handling. Prolonged or repeated skin contact with product may cause allergic reactions in some individuals.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (800) 424-9300, collect day or night, for emergency medical treatment information.

SEE BACK PANEL FOR FURTHER PRECAUTIONS AND FIRST AID INFORMATION.

SN 082008/0309
EPA Reg. No.: 5905-573
EPA Est. No.: First letters of product batch code indicate producing establishment.
5905-NC-018 • 5905-NM-001 • 5905-FL-013 • 5905-NE-009

NET WEIGHT:
50 Lbs. (22.68 kg)

Manufactured For
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300 • COLLIERVILLE, TENNESSEE 38017