

PM 23

8378-38

1/27/98

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E. Wilson Diskette Prodiamine: 01-23-98

1/27/98
JAN 27 1998

Mr. Roger Henderson
Regulatory Affairs
Knox Fertilizer Company
P.O. Box 248
Knox, IN 46534

Dear Mr. Henderson:

Subject: Shaw's Turf Food/Crabgrass Control Barricade® 20
EPA Registration No. 8378-38
Application Dated July 20, 1997 and Resubmission
Dated January 6, 1998, Revised Labeling To match
Most Recent EPA Stamped Label for Barricade F
Herbicide (EPA Registration No. 100-867)

The proposed subject amendment to the subject registration of Shaw's Turf Food/Crabgrass Control Barricade® 9.38 has been reviewed and found acceptable for registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended, provided that you:

1. Revise the proposed labeling by adding the words "Supplemental Labeling" to the landscape ornamentals section of the labeling and remove the claims "For the use of this product on Lawns and Ornamental Turf ask to see the product, "Shaw's Turf Food/Crabgrass Control Barricade 38" labeled for "Lawns and Turf".
2. Submit one (1) copy of the final printed labeling before you release the product for shipment under the subject labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product under the subject labeling constitutes acceptance of these conditions. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Herbicide Branch

CONCURRENCES

SYMBOL								
SURNAME	Enclosure							
DATE								

Shaw's Turf Food / Crabgrass Control Barricade 20

(20 lbs. treats up to 3,485 sq.ft.)

For Selective Preemergence Control of Grass and Broadleaf Weeds in Established Turf Grasses, (excluding golf course putting greens) and Lawns - *Also For Landscape Ornamentals Including Established Perennials and Wildflower Plantings (See Supplemental Label).

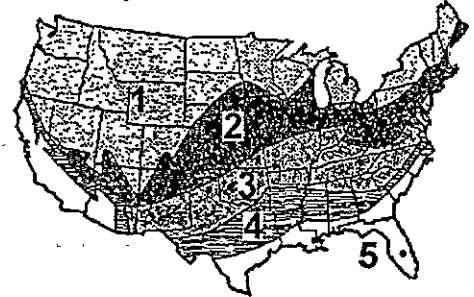
ACTIVE INGREDIENT:
Prodimame [N,N-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine] - 0.20%
INERT INGREDIENTS: - - - - - 99.80%
Total 100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See the following section, Precautionary Statements, Hazards to Humans and Domestic Animals, for additional information. Barricade® is a Registered Trademark of Novartis.

EPA Reg. No. 8378-38 EPA Est. No. 8378-in-1

Crabgrass Seed Germination Dates



Approximate Date	Region
After May 30	1. Mid-north & northwestern
After May 10	2. Upper/mid-states & northeast
After April 20	3. Lower mid-states
After Mar 20	4. Upper southern states
Jan 1 to Mar 20	5. Warm season states

WEEDS CONTROLLED

When used in accordance with this label this product will provide control of the following weeds:

Barnyardgrass	Henbit	Purslane, common
Bluegrass, Annual (Poa Annua)	Itchgrass	Pusley, Florida
Carpetweed	Johnsongrass (from seed)	Rescuegrass [®]
Chickweed, Common	Juncletide	Shepherd's Purse [®]
Chickweed, Mouseear (from seed)	Knickweed	Signalgrass, Brit.
Crabgrass (Large, Smooth)	Kochia	Speedwell, Persian
Crowfootgrass	Lambsquarters, common	Sprangletop
Cupress, Woolly	Lovegrass	Sourpe, Prostrate
Foxtails, Annual	Panicum (Texas, Fall, Brown/Top)	Wildchickgrass
Goosegrass [®]	Pigweed	Woodsore, Yellow (from seed)

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 frequent repeated skin contact while handling the material may cause allergic reactions in some individuals.

First Aid: Flush thoroughly with water for several minutes. If irritation persists. **On Skin:** Wash with soap and water. Rinse thoroughly. Get medical attention if irritation persists. **If Inhaled:** Remove victim to fresh air.

ENVIRONMENTAL HAZARDS
This product has low solubility in water. At the limit 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original container away from other fertilizer, feed, or foodstuffs and separated from other pesticides. **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:** Do not reuse empty bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or at an incineration facility, or if allowed by State and local authorities, by burning locally. If burned, stay out of smoke. **If product is spilled,** sweep up and use as per label instructions or dispose of as indicated above.

DIRECTIONS FOR USE

In accordance with Federal law to use this product in a manner consistent with its labeling. This product is a turf fertilizer and a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses (excluding golf course putting greens), and lawns, landscape ornamentals, established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when it is activated by at least 1/2 inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application. **Not for use on plants being grown:** (1) for sale or other commercial use; (2) for commercial seed production or; (3) for research purposes. **For use on plants intended for esthetic purposes or climatic modification and being grown in ornamental gardens, or parks, or on golf courses, or lawns and grounds.** Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Failure to follow the directions for use and precautions on this label may result in poor weed control, crop injury, or illegal residues.

Application Directions

Apply uniformly with suitable, calibrated application equipment.

ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grass and lawns. The maximum amount of material that may be applied per year is given for each turf grass species in the **Maximum Annual Rates** section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 1/2 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map for approximate crabgrass seed germination dates. (83-38amd, P65101-05-98)

USE PRECAUTIONS

The following use precautions apply to the use of this product in turf grasses and lawns: (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) 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. (3) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (4) Application to turf stressed by drought, low fertility, or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (6) Do not apply this product to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (Poa annua) are desirable species.

Rates of Application

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

Maximum Annual Rates

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

Turf Species	Lbs. Product/A	Lbs. a.i./A
Creeping Bentgrass	330 lbs.	0.65 lb.
Creeping Red Fescue	370 lbs.	0.75 lb.
Buffalograss	500 lbs.	1.00 lb.
Kentucky Bluegrass	-	-
Perennial Ryegrass	-	-
Bermudagrass ⁽¹⁾	750 lbs.	1.50 lbs.
Bahiagrass	-	-
Centipede grass	-	-
Seashore Paspalum	-	-
St. Augustinegrass	-	-
Tall Fescue	-	-
Including turf type Zoysia	-	-

(1A = per Acre)

⁽¹⁾These are the maximum rates per calendar year by species limitations. ⁽²⁾May be used on newly-sprigged or plugged Bermudagrass at rates not to exceed 260 lbs./A. Newly-sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations. Do not apply more than 750 lbs. of this product per calendar year. Use higher rates of product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the **Maximum Annual Rates** section.

NOTICE: Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

KNOX FERTILIZER CO.
P.O. Box 248 - Knox, IN 46534 U.S.A.

(1) In many areas a single application of 330 to 750 lbs./A will control goosegrass. However under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 330 to 500 lbs./A followed after 60 to 90 days by a second application at doses that would not exceed those given in the **Maximum Annual Rate** section. Do not exceed the maximum rate for turf grass species listed in the **Maximum Annual Rate** section. (2) Application for this weed should be made in late summer, fall, or winter prior to germination. (3) Suppression only.

Sequential application 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. All applications must be made prior to germination of the weed seeds.

WHEN TO APPLY AFTER OVERSEEDING TURF

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.

SPREADER SETTINGS FOR 20 LBS.	3/8" SOFT.	2 1/2" SOFT.	1 1/8" SOFT.
Scott's Evergreen 18"	# XX	# XX	# XX
Scott's Speedy Brcdst	# XX	# XX	# XX
Red Devil Broadcast	# XX	# XX	# XX
Republic EZ Drop 18"	# XX	# XX	# XX
Republic EZ Broadcast	# XX	# XX	# XX
Republic EZ Trdr. Brcdst	# XX	# XX	# XX

WHEN TO OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding/reseeding results.

Product Rate lbs./Acre	Months Before Overseeding	Product		
		North	Transition	South
250	0.50	4	4	4
330	0.65	5	4	4
370	0.75	6	5	5
400	0.80	-	6	6
500	1.00	-	7	7
570	1.14	-	-	9
650	1.30	-	-	10
750	1.50	-	-	12

GUARANTEED FERTILIZER ANALYSIS	
Total Nitrogen (N)	variable %
Available Phosphoric Acid (P ₂ O ₅)	variable %
Soluble Potash (K ₂ O)	variable %
Ingredients: Ureaformaldehyde, Urea, Sulfur Coated Urea, Ammonium Phosphate, Muriate of Potash	

***FOR USE ON LANDSCAPE ORNAMENTALS**
(Including Established Perennials and Wildflower Plantings) This product may be applied for residual preemergence weed control in ornamental plantings. **FOR COMPLETE DETAILS AND DIRECTIONS FOR USE ON ORNAMENTAL PLANTS REFER TO THE SUPPLEMENTAL LABEL FOR USE OF THIS PRODUCT ON LANDSCAPE ORNAMENTALS.**

ACCEPTED
with COMMENTS
In EPA Letter Dated
JAN 27 1998
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticide
registered under EPA Reg. No.
8378-38

Net Weight 20; 25; 40; 50 Pounds

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 frequent repeated skin contact while handling the material may cause allergic reactions in some individuals.

Statements of Practical Treatment

Eyes: Flush thoroughly with water for several minutes. If irritation persists, get medical attention.
On Skin: Wash with soap and water. Rinse thoroughly. Get medical attention if irritation persists.
If Inhaled: Remove victim to fresh air.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limit 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original container away from other fertilizer, feed or foodstuffs, and separated from other pesticides. **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:** Do not reuse empty bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or at an incineration facility, or if allowed by state and local authorities, by burning locally. If burned stay out of smoke. If product is spilled, sweep up and use as per label instructions or dispose as indicated above.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is a selective pre-emergence herbicide that provides residual control of grass and broadleaf weeds in landscape ornamental established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when it is activated by at least 1/2 inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.

Not for use on plants being grown for: (1) Sale or other commercial use; (2) for commercial seed production or; (3) for research. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens, or parks, or on golf courses, and grounds.

Do not graze or feed livestock forage cut from areas treated with this product. Do not apply this product through any type of irrigation system. Do not apply aerially. Do not apply to golf course putting greens. Failure to follow the directions for use and precautions on this label may result in poor weed control, crop injury, or illegal residues.

Application Directions

Apply uniformly through suitable, calibrated, hand held, push or pull type granule spreader equipment.

Rate of Application

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. It will not control established weed. The length of time of residual weed control provided by this product is related to the rate applied.

WEEDS CONTROLLED

When used in accordance with this label this product will provide control of the following weeds:

Barnyardgrass	Panicum (Texas, Fal)	Knotweed
Bluegrass, Annual (Poa Annua)	Browntop	Kochia
Crabgrass (Large, Smooth)	Rescuegrass	Lamb'squarter, common
Crowfootgrass	Signalgrass, Broadleaf	Pigweed
Cupress, Woolly	Springletop	Purslane, common
Foxtails, Annual	Wildgrass	Pusley, Florida
Goosegrass (1)	Carpetweed	Shepherd's Purse (2)
Itchgrass	Chickweed, Common	Speedwell, Persian
Johnsongrass (from seed)	Chickweed, Mouse ear	Spurge, Prostrate
Juniper	(from seed)	Woodsoot, Yellow
Lamegrass	Henbit	(from seed)

(1) In many areas a single application of 330 to 750 lbs./A will control Goosegrass. However under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 330 to 500 lbs./A followed after 60 to 90 days by a second application at doses that would not exceed a total of 750 lbs. per acre. (2) Application for this weed should be made in late summer, fall, or winter prior to germination (3) Suppression Only. Sequential application may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 750 lbs. per acre. All applications must be made prior to germination of the weed seeds.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	variable%
Available Phosphoric Acid (P ₂ O ₅)	variable%
Soluble Potash (K ₂ O)	variable%
Ingredients: Ureaformaldehyde, Urea, Sulfur Coated Urea, Ammonium Phosphate, Muriate of Potash	

NOTICE: Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

For the use of this product on Lawns and Ornamental Turf ask to see the product, "Shaw's Turf Food/Crabgrass Control Barricade 20" labeled for "Lawns and Turf".

Net Weight 20;25;40;50 Pounds
Knox Fertilizer Co. Inc.
P.O. Box 248 - Knox, IN 46534 U.S.A.

inches of rainfall or irrigation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand weeding, cultivation, or the use of an appropriate post-emergence herbicide.

Established Landscape Ornamentals

This product may be applied to established ornamentals as a broadcast, over the top, or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate it into the soil.

Newly Transplanted Landscape Ornamentals

This product may be applied to newly transplanted ornamentals as a broadcast, over the top, or directed application. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grfts have taken to avoid any inhibition of the tissue union.

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 it 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	Common Name
<i>Abies</i> spp.	(Balsam, Fraser, Noble, etc.)
<i>Abelia grandiflora</i>	Abelia, Chastwood
<i>Acer palmatum</i>	Japanese Maple
<i>A. platanoides</i>	Norway Maple
<i>Actinidia chinensis</i>	Yarrow; King Edward
<i>Agapanthus africanus</i>	Kivi*
<i>Agapanthus orientalis</i>	Lily-of-the-Nile (African Lily)
<i>Akebia quinata</i>	Five-Leaf or Chocolate Vine
<i>Allium cornutum</i>	Lady's Leak, Nodding Onion
<i>Anemone hybrida</i>	Japanese Anemone
<i>Aquilegia sp.</i>	Aquilegia: Red and Gold
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita
<i>Arctosthea calendula</i>	Cape Weed
<i>Artemisia sp.</i>	Wormwood; Silver Mound, Castle
<i>Aster</i> spp.	Aster; Bonny Blue, Purple Dome
<i>Aster X Frikartii</i>	Lady Fern; Fern Lady
<i>Athrium Filix-femina</i>	Japanese Aucuba
<i>Aucuba japonica</i>	Fibrous Begonia; Hardy Grandis
<i>Begonia sp.</i>	Barberry
<i>Berberis glaucocyanensis</i>	Wintergreen Barberry
<i>B. julianae</i>	Menor Barberry
<i>B. mentorensis</i>	Japanese Barberry
<i>B. thunbergii</i>	Warty Barberry
<i>B. verruculosa</i>	
<i>Bergenia cordifolia</i>	Snowbank
<i>Boltonia asteroides</i>	Bougainvillea
<i>Bougainvillea spp.</i>	Butterfly-Bush (Dwarf Blue);
<i>Buddleia davidii</i>	Royal Red
<i>Buxus microphylla</i>	Japanese Boxwood
<i>Callistemon viminalis</i>	Weeping Bottlebrush
<i>Calluna vulgaris</i>	Scotch Heather
<i>Campanula carpatica</i>	Tussock Bellflower (White Clips)
<i>Campis X Tagliabuana</i>	Trumpet Creeper, Trumpet Flower, Madame Galen
<i>Carpobrotus edulis</i>	Hottentot Fig (Ice Plant)
<i>Cassia artemisioides</i>	Feathery Cassia
<i>Ceanothus rigidus</i>	Wild Lilac
<i>Ceratostigma</i>	
<i>Chamaecyparis nivalis</i>	False Cypress
<i>Chrysanthemum niponicum</i>	
<i>Cleyera japonica</i>	Cleyera
<i>Citrus spp.</i>	Citrus species*
<i>Coreopsis sp.</i>	Coreopsis (Calliopsis): Early Sunrise, Moonbeam
<i>Cornus florida</i>	Flowering Dogwood
<i>C. stolonifera</i>	American Dogwood
<i>Cortaderia selicola</i>	Pampas Grass
<i>Cotoneaster japonicus</i>	Cranberry Cotoneaster
<i>C. buxifolius</i>	Cotoneaster
<i>C. dammeri</i>	Bearberry Cotoneaster
<i>C. microphyllum</i>	Rockspray Cotoneaster
<i>Cretaeagus spp.</i>	Hawthorne
<i>Crocosmia sp.</i>	Lucifer
<i>Cupressus sempervirens</i>	Italian Cypress
<i>Delosperma alba</i>	White Trailing Ice Plant
<i>Delosperma sp.</i>	Cooper's Pink
<i>Dolichium sp.</i>	Larkspur; Blue Elf
<i>Dianthus deltoides</i>	Dianthus; Maiden Pinks "Zing"
<i>D. gratianopolitanus</i>	Cheddar Pink
<i>Dodonaea viscosa</i>	Hop Bush
<i>Echinacea purpurea</i>	Coneflower, Purple; Magnus
<i>Elaeagnus pungens</i>	Silverberry
<i>Euonymus fortunei</i>	Wintercreeper
<i>E. japonica</i>	Japanese Spindle Tree
<i>E. klatzschovica</i>	Spreading Euonymus
<i>Fatsia japonica</i>	Japanese Aralia
<i>Forsythia intermedia</i>	Border Forsythia
<i>F. suspensa</i>	Weeping Forsythia
<i>F. viridissima</i>	Greenstem Forsythia
<i>Gaillardia sp.</i>	Gaillardia, Blanket Flower; "Goblin"
<i>Gardenia jasminoides</i>	Gardenia, Cape-jasmine, Radicans
<i>Gaura sp.</i>	
<i>Gentiana dahurica</i>	Gentian
<i>Geranium cinereum</i>	Cranesbill
<i>Gladiolus spp.</i>	Gladiolus species**
<i>Gypsophila repens</i>	Baby's Breath
<i>Hedera helix</i>	English Ivy
<i>Helianthemum sp.</i>	Sunrose
<i>Hemerocallis sp.</i>	Daylily; Aztec Gold, Stella De Oro, Tender Love
<i>Hibiscus</i>	Rose of Sharon**
<i>Hibiscus sp.</i>	Mallow; Disco Belle White
<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus
<i>Hosta plantaginea</i>	Hosta, Plantain Lily (Fragrant)
<i>H. sieboldiana</i>	Hosta, "Searsucker"
<i>Houttuynia cordata</i> var. <i>variegata</i>	Bigleaf Hydrangea

Hydrangea spp.
Amur Privet
Japanese Privet
Glossy Privet (Waxleaf)
Lily Jazz
Big Blue Lily
Turf; Silver Mound; Evergreen Giant
Liriope muscarifolia
Liriope variegata
Liriope spicata
Lobelia cardinalis
Lonicera japonica
L. tatarica
Loropetalum chinense
Lythrum sp.
Magnolia spp.
Malephora luteola
Matis sp.
Miscanthus sinensis
Nandina domestica
Narcissus spp.
Nerium oleander
Olea europaea
Ophopogon japonicus
Osmanthus heterophyllus

Osteospermum fruticosum
Oxydendrum arborosum
Paeonia suffruticosa
Pennisetum setaceum
Perovskia atriplicifolia
Persea americana
Phloxia fraseri
Physotegia virginiana
Picea spp.

Platanus
P. acerifolia
P. canadensis
P. illinoensis
P. lutea
P. nigra
P. occidentalis
P. palustris
P. radiata
P. thunbergiana
P. strobus
P. sylvatica
P. taeda
P. virginiana
Pistachio sp.
Pittosporum rhombifolium
P. tobira
Podocarpus macrophyllus
Prunus laurocerasus
Prunus sp.

Pseudotsuga menziesii
Pyracantha coccinea
P. fortuneana
P. koizumii
Pyrus sp.
Quercus shumardii
Quercus spp.
Raphiolepis indica
Raphiolepis umbellata
Rhododendron (including Azalea)
Rosa banksiae
Rosmarinus officinalis
Rudbeckia sp.
Santolina virens
Saxifraga sp.
Scabiosa sp.
Sedum album
Sedum caudicicola
Sedum dasycyllum
Sedum spumilum
Spirea bumalda
Syzygium paniculatum
Taxus cuspidata
T. media
Teucrium sp.
Thalictrum dpterocarpum
Thuja occidentalis
Trachelocarpum asiaticum
Tuga canadensis
Tulipa spp.
Veronica sp.

Viburnum japonicum
V. odoratissimum
V. plicatum
V. rigidum
V. suspensum
V. tinus
V. trilobatum
V. wrightii
Vinca major
Vinca minor
Vitis sp.
Weigela florida
Yucca aloifolia
Y. filamentosa

Japanese Viburnum
Sweet Viburnum
Japanese Snowball
Canary Island Viburnum
Arrowwood Viburnum
Laurustinus
Cranberry Bush
Leatherleaf Viburnum
Greater Periwinkle, Vinca
Common Periwinkle, Vinca
Grape
Old Fashioned Weigela
Spanish Bayonet, Yucca
Adam's Needle, Yucca

*Do not use on food producing trees, vines, or plants.
**Not for use on container grown plants.

with COMMENTS

In EPA Letter Dated

JAN 27 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.
8378-38