

# Shaw's Turf Food / Crabgrass Control Barricade 38

(20 lbs. treats up to 6,600 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:**

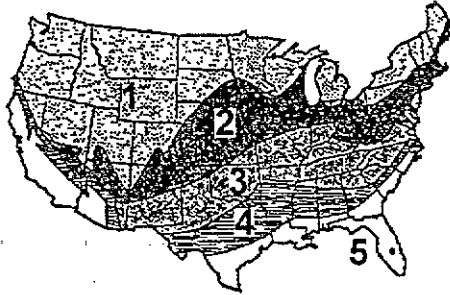
Proclamate [N,N-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine] - 0.38%  
 INERT INGREDIENTS: - - - - - 99.62%  
 Total 100.00%

**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. 8378-40 EPA Est. No. 8378-IN-1

**Crabgrass Seed Germination Dates**



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

**WEEDS CONTROLLED**

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

- |                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| Barnyardgrass                   | Herbit                   | Purslane, common              |
| Bluegrass, Annual (Poa Annual)  | Itchgrass                | Pusley, Florida               |
| Carpetweed                      | Johnsongrass (from seed) | Rescuegrass <sup>1</sup>      |
| Chickweed, Common               | Jungletie                | Shepherd's Purse <sup>2</sup> |
| Chickweed, Mouseear (from seed) | Knockweed                | Signalgrass, Br-E             |
| Crabgrass (Large, Smooth)       | Kochia                   | Speedwell, Persian            |
| Crowfootgrass                   | Lambsquarter, common     | Sprangletop                   |
| Cupgrass, Woolly                | Lovegrass                | Spurge, Prostrate             |
| Foxtails, Annual                | Panicum (Texas, Fall)    | Witchgrass                    |
| Goosegrass <sup>3</sup>         | Browtop                  | Woodsore, Yellow (from seed)  |
|                                 | Pigweed                  |                               |

(1) In many areas a single application of 170 to 395 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 170 to 265 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. PRODUCT	6500 SQ.FT.	3200 SQ.FT.	1700 SQ.FT.
Scott's Evergreen 18"	# XX	# XX	# XX
Scott's Speedy Broadcast	# XX	# XX	# XX
Red Devil Broadcast	# XX	# XX	# XX
Republic EZ Drop 18"	# XX	# XX	# XX
Republic EZ Broadcast	# XX	# XX	# XX
Republic EZ Trc. Broadcast	# 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
132	4	4	4	4
170	5	4	4	4
195	6	5	5	5
210	0.80	6	6	6
265	1.00	7	7	7
300	1.14	-	-	9
342	1.30	-	-	10
395	1.50	-	-	12

**GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen (N)	variable %
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	variable %
Soluble Potash (K <sub>2</sub> 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 28 1988**  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 8378-40

**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:**  
 If in contact with skin: Flush thoroughly with water for several minutes. Get medical attention if irritation persists. **If 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 inconsistent 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. (83-40amd.P65101-05-98)

Net Weight 20; 26; 40; 60 Pounds

**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 diking 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	Maximum Application Rate/Calendar Year of Product by Turf Grass Species <sup>(1)</sup>	
	lbs. Product/A	lbs. a.l./A
Creeping Bentgrass	170 lbs.	0.65 lb.
Creeping Red Fescue	195 lbs.	0.75 lb.
Buffalograss	265 lbs.	1.00 lb.
Kentucky Bluegrass	-	-
Perennial Ryegrass	-	-
Bermudagrass <sup>(2)</sup>	395 lbs.	1.50 lbs.
Bahiagrass	-	-
Centipede grass	-	-
Seashore Paspalum	-	-
St. Augustinegrass	-	-
Tall Fescue	-	-
Including turf type Zoysia	-	-

<sup>(1)</sup> (A = per Acre)

<sup>(1)</sup>These are the maximum rates per calendar year by species limitations. <sup>(2)</sup>May be used on newly-sprigged or plugged Bermudagrass at rates not to exceed 137 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 395 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.

**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**  
**Yes:** Flush thoroughly with water for several minutes. **Medical attention if irritation persists. If 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**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is a selective emergence herbicide that provides residual control of grass and broadleaf weeds in 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 by 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 esthetic 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.

**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. 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	Paricum (Texas, Fall)	Knotweed
Bluegrass, Annual (Poa Annua)	Browtop	Kochia
Crabgrass (Large, Smooth)	Rescuegrass	Lambquarter, common
Crowfootgrass	Signalgrass, Broadleaf	Pigweed
Cupgrass, Woolly	Sprangletop	Purslane, common
Foxtails, Annual	Witchgrass	Pursley, Florida
Goosegrass	Carpetweed	Shepherd's Purse
Ilchgrass	Chickweed, Common	Spandow, Purslane
Johnsongrass (from seed)	Chickweed, Mouse ear	Spurge, Prostrate
Jungronice	(from seed)	Woodsorrel, Yellow
Lovegrass	Henbit	(from seed)

(1) In many areas a single application of 170 to 395 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 170 to 265 lbs./A followed after 60 to 90 days by a second application at doses that would not exceed a total of 395 lbs. per season. (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 395 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 <sub>2</sub> O <sub>5</sub> )	variable%
Soluble Potash (K <sub>2</sub> 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 "Shady Turf Food/Crabweed Control BARRICADE 38" 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, or with shallow (1 to 2 inches) incorporation, 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 postemergence 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>Abel's spp.</i>	Fir species**
	(Balsam, Fraser, Noble, etc.)
<i>Abelia grandiflora</i>	Abelia: Sherwood
<i>Acer palmatum</i>	Japanese Maple
<i>A. platanoides</i>	Norway Maple
<i>Achillea, sp.</i>	Yarrow: King Edward
<i>Actinidia chinensis</i>	Kiwi*
<i>Agapanthus africanus</i>	Lily-of-the-Nile (African Lily)
<i>Agapanthus orientalis</i>	
<i>Akebia quinata</i>	Five-Leaf or Chocolate Vine
<i>Allium cernuum</i>	Lady's Leek, Nodding Onion
<i>Anemone hybrida</i>	Japanese Anemone
<i>Aquilegia sp.</i>	Aquilegia: Red and Gold
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita
<i>Arctotheca calendula</i>	Cape Weed
<i>Artemisia sp.</i>	Wormwood; Silver Mound, Castle
<i>Aster sp.</i>	Aster: Bonny Blue, Purple Dome
<i>Aster X Frikarill</i>	
<i>Athium Filix-femina</i>	Lady Fern; Fern Lady
<i>Aucuba japonica</i>	Japanese Aucuba
<i>Begonia sp.</i>	Fibrous Begonia: Hardy Grandis
<i>Berberis gladiolifolia</i>	Barberry
<i>B. julianae</i>	Wintergreen Barberry
<i>B. mentorensis</i>	Monitor Barberry
<i>B. thunbergii</i>	Japanese Barberry
<i>B. varuculosa</i>	Warty Barberry
<i>Bergenia cordifolia</i>	
<i>Boltonia asteroides</i>	Snowbank
<i>Bougainvillea spp.</i>	Bougainvillea
<i>Buddleia davidii</i>	Butterfly-Bush (Dwarf Blue); Royal Red
<i>Buxus microphylla</i>	Japanese Boxwood
<i>Callistemon viminalis</i>	Weeping Bottlebrush
<i>Calluna vulgaris</i>	Scotch Heather
<i>Campanula carpatuca</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>	Fleathery Cassia
<i>Ceanothus rigidus</i>	Wild Lilac
<i>Ceratostigma plumbagionoides</i>	
<i>Chamaecyparis pisifera</i>	False Cypress
<i>Chrysanthemum niponicum</i>	
<i>Chrysanthemum japonica</i>	
<i>Citrus sp.</i>	Citrus species*
<i>Coreopsis sp.</i>	Coreopsis (Calliopis): Early Sunrise, Moonbeam
<i>Comus florida</i>	Flowering Dogwood
<i>C. stolonifera</i>	American Dogwood
<i>Cortaderia selloana</i>	Pampas Grass
<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster
<i>C. buxifolius</i>	Coloneaster
<i>C. chinensis</i>	Boat-berry Cotoneaster
<i>C. microphyllus</i>	Rockspray Cotoneaster
<i>Crataegus sp.</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>	Cooperi Pink
<i>Delphinium sp.</i>	Larkspur: Blue Elf
<i>Dianthus deltoideus</i>	Dianthus: Maiden Pinks "Zing"
<i>D. gratianopolitanus</i>	Cheddar Pink
<i>Dodonea 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 (Evergreen Euonymus)
<i>E. kiautschovica</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>Galliardia sp.</i>	Galliardia, Blanket Flower "Goblin"
<i>Gardenia jasminoides</i>	Gardenia, Cape-jasmine, Radicans
<i>Gaura sp.</i>	
<i>Gentiana dahurica</i>	Gentian
<i>Geranium chinense</i>	Cranesbill
<i>Gladiolus spp.</i>	Gladiolus species**
<i>Gypsophila repens</i>	Baby's Breath
<i>Hamamelis</i>	English Ivy
<i>Helleborus sp.</i>	Sunrose
<i>Hemerocallis sp.</i>	Daylily, Aztec Gold, Stella De Oro, Tender Love
<i>Hibiscus sp.</i>	Hibiscus
<i>Hibiscus rosa-sinensis</i>	Mallow: Disco Belle White
<i>Hosta plantaginea</i>	Chinese, Hibiscus
<i>H. Strobilata</i>	Hosta, Plantain Lily (Fragrant)
<i>Houttuynia cordata</i>	Hosta, "Searsucker"
<i>Hydrangea macrophylla</i>	Bigleaf Hydrangea

*L. japonicum*  
*L. lucidum*  
*Lilium sp.*  
*Lilope muscari*

*Lilope Muscari var. variegata*  
*Lilope spicata*  
*Lobelia cardinalis*  
*Lonicera japonica*  
*L. tatarica*  
*Loropetalum chinense*  
*Lythrum sp.*  
*Magnolia spp.*  
*Malecophora luteola*  
*Malus sp.*  
*Miscanthus sinensis*  
*Nandina domestica*  
*Narcissus spp.*  
*Nerium oleander*  
*Olea europaea*  
*Ophiopogon japonicus*  
*Osmanthus heterophyllus*

*Osteospermum fruticosum*  
*Oxydendrum arboreum*  
*Paeonia suffruticosa*  
*Pennisetum setaceum*  
*Perovskia atriplicifolia*  
*Persea americana*  
*Photinia Fraseri*  
*Physotegia virginiana*  
*Picea spp.*

*Pleris japonica*  
*Pinus brutia*  
*P. canariensis*  
*P. elliotii*  
*P. halepensis*  
*P. nigra*  
*P. palustris*  
*P. radiata*  
*P. thunbergiana*  
*P. strobus*  
*P. sylvestris*  
*P. taeda*  
*P. virginiana*  
*Pistachio sp.*  
*Pittosporum rhombifolium*  
*P. tobira*  
*Podocarpus macrophyllus*  
*Prunus laurocerasus*  
*Prunus sp.*

*Pseudotsuga menziesii*  
*Pyracantha coccinea*  
*P. fortuneana*  
*P. koidzumii*  
*Pyrus sp.*  
*Quercus shumardii*  
*Quercus spp.*  
*Raphiolepis indica*  
*Raphiolepis umbellata*  
*Rhododendron (including Azalea)*

*Rosa banksiae*  
*Rosmarinus officinalis*  
*Rubecula sp.*  
*Santolina, vires*  
*Saxifraga sp.*  
*Scabiosa sp.*  
*Sedum album*  
*Sedum cauticola*  
*Sedum dasyphyllum*  
*Sedum spuriolum*  
*Spiraea Burmalda*  
*Syzygium paniculatum*  
*Taxus cuspidata*  
*T. media*  
*Tauricum sp.*  
*Thalictrum diopterocarpum*  
*Thuja occidentalis*  
*Trachelospermum asiaticum*  
*Tsuga canadensis*  
*Tulipa spp.*  
*Veronica sp.*

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

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

with COMMENTS  
In EPA Letter Dated

**JAN 23 1998**

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

8378-40