

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
213431

Application for Pesticide - Section I

1. Company/Product Number Sandoz Agro, Inc./55947-144	2. EPA Product Manager J. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Sandoz Agro, Inc./Barricade F Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Sandoz Agro, Inc. 1300 E. Touhy Avenue DesPlaines, IL 60018 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

Amendment - Explain below. Final printed labels in response to Agency letter dated August 11, 1995

Resubmission in response to Agency letter dated _____ "Me Too" Application.

Notification - Explain below. See label cover sheet Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section head Section II)
"This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
20 - 40 lb

5. Location of Label Directions
 on label

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Nancy Huebl	Title Registration Specialist	Telephone No. (Include Area Code) (708) 390-3923
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Certification
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature <i>Nancy Huebl</i>	3. Title Registration Specialist	6. Date Application Received (Stamped)
4. Typed Name Nancy Huebl	5. Date November 3, 1995	

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FILENAME: abarffpl.95a COVERSHEET UPDATE: 9/95
 PRODUCT: BARRICADE F Herbicide EPA REG. NO.: 55947-144
 APPROVED: Approved 8/11/95 SUPERSEDES: 8/11/95

OVERVIEW: This is final printed labeling for the August BARRICADE F amendment. In conjunction with this submission, a notification is being submitted, (page 10, Application Timing and Information section, first sentence, "Apply BARRICADE prior to weed seed germination..." replaced by first paragraph + first sentence/second paragraph from EPA approved BARRICADE 65WG label, modified for formulation type. Page 14, Tulip species (Common Name column) - ** removed (typo, not in any of other BARRICADE label tolerant species lists).

This BARRICADE F HERBICIDE label presents the directions for use sections for:
 - established turf grasses (excluding golf course putting greens) and lawns
 - landscape ornamentals, (including established perennials and wildflower plantings)

This label revision updates the BARRICADE F label to be current with turf and landscape ornamental sections of the present approved BARRICADE 65WG master label (55947-43).

Page #	Description of Major Changes
1, 4, 10	"including established perennials and wildflower plantings", added for more definitive description.
4	Use patterns listed as bullet points for more emphasis.
4, 5, 10	"Most effective weed control..." sentence replaces other text (for consistency).
5	Other redlined text changes duplicate current BARRICADE 65WG (55947-43) label.
6	Text revised to conform with 65WG label.
7	Text revised to conform with 65WG label.
7	St. Augustinegrass was moved to the 75 lb maximum rate category as supported by the current turf tolerance data - Footnote 3 added for application directions.
8	<ul style="list-style-type: none"> ➤Text revised to conform with 65WG label. ➤Additional grasses/broadleaf weeds controlled included supported by efficacy and commercial use data. ➤Footnote 1: rates for split applications reworded to clarify intended use pattern.
9	<ul style="list-style-type: none"> ➤Overseeding Interval Table replaces verbiage: experience from commercial use indicates simpler interval description (accomplished by the table) will insure adequate turf safety. ➤"Do not apply to overseeded turf..." repeated from Use Precaution Section for emphasis and clarity.

10	<ul style="list-style-type: none"> ➤ 75 lb/A/yr - added to emphasize maximum <u>annual</u> use rate. ➤ Text revised to conform with 65WG label.
11-14	<ul style="list-style-type: none"> ➤ The list of tolerant species has been replaced with a copy of the current list from the BARRICADE 65WG label. This change adds: Fir species, Gladiolus species, Rose of Sharon (<i>Hibiscus</i>), Yaupon, Iris species, Magnolia species, Narcissus species, Oleander (<i>Nerium</i> spp.), Spruce species, Slash, Longleaf, Loblolly and Virginia Pine, Douglas Fir, Oak species, Tulip species and Vinca to the list. ➤ Some common names added per <u>Hortus, 3rd Edition</u>: African Lily (Lily of the Nile), Japanese Spindle Tree (Evergreen Euonymus), Waxleaf (Glossy Privet), Redtip (Frasier's Photinia), Firethorn (Scarlet), Leatherleaf Viburnum (<i>V. wrightii</i>). ➤ <i>Picea abies</i> (Norway Spruce) moved to be included in <i>Picea</i> species. ➤ Footnote #2 added (to match 65WG) to further clarify use on tolerant ornamental species.

CREATIVE SERVICES: Nancy Stratinsky (3751)

REGULATORY: Mike Johnston (3096)

QUALITY ASSURANCE: Laura Gilstrap (3699)

PRODUCT DEVELOPMENT: Joseph Yoder (3724)

MARKETING: Gary Clayton (3976)

EPA PRODUCT MANAGER: Joanne Miller/Eugene Wilson (703-305-7830/6103)

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BARRICADE® F Herbicide

ACTIVE INGREDIENT:

Prodiamine, [N³,N³-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine] 2.0%

INERT INGREDIENTS:..... 98.0%

TOTAL: 100.0%

Guaranteed Fertilizer Analysis:

Nitrogen	32 %	(N)
Phosphorus	4 %	(P ₂ O ₅)
Potassium	6 %	(K ₂ O)

Nitrogen from: Urea formaldehyde, Urea, Ammonia

For selective preemergence control of grass and broadleaf weeds in:

- o established turf grasses (excluding golf course putting greens) and lawns
- o landscape ornamentals (including established perennials & wildflower plantings)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See the following section,
Precautionary Statements, Hazards To Humans and Domestic Animals,
for additional information.

EPA Reg. No. 55947-144

EPA Est. No.

Net Weight:

Sandoz Agro, Inc.
1300 E. Touhy Avenue
Des Plaines, IL 60018

BARRICADE® is a registered trademark of Sandoz, Ltd.

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BARRICADE F, 55947-144
Approved August 1995; Abarfera.95a

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

Statements of Practical Treatment

If in eyes: 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 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.

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Approved August 1995; Abarfera.95a

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 food stuffs 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

Paper containers: Completely empty container into application equipment. Then dispose of empty container 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.

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BARRICADE F, 55947-144
Approved August 1995; Abarfera.95a

DIRECTIONS FOR USE

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

BARRICADE F (BARRICADE) is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- o established turf grasses (excluding golf course putting greens) and lawns
- o landscape ornamentals
- o established perennials & wildflower plantings

BARRICADE controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when BARRICADE is activated by at least 0.5 in of rainfall or irrigation 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 aesthetic 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 BARRICADE.

Do not apply this product through any type of irrigation system.

Do not apply aerially.

Do not apply to golf course putting greens.

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Approved August 1995; Abarfera.95a

Application Directions

Apply uniformly through suitable, calibrated commercial application equipment.

ESTABLISHED TURF

BARRICADE is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of BARRICADE 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 BARRICADE is activated by at least 0.5 in of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

CRABGRASS SEED GERMINATION DATES

Approximate Date

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Use Precautions

The following precautions apply to the use of BARRICADE in turf grasses and lawns:

Application of BARRICADE 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 BARRICADE is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

Do not cut treated sod before 120 days after application. Do not apply to newly set sod until the following year.

Application of BARRICADE to turf stressed by drought, low fertility, or pest damage may result in turf injury.

Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.

Do not apply BARRICADE to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

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Approved August 1995; Abarfers.95a

Rates of Application

BARRICADE 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. BARRICADE 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 BARRICADE is related to the rate applied.

Maximum Annual Rates

BARRICADE 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:

Maximum Application Rate/Calendar Year of BARRICADE by Turf Grass Species ¹⁾		
Turf Species:	lb/A	lb ai/A
Bermudagrass ²⁾ Bahigrass Centipedegrass Seashore Paspalum St. Augustinegrass ³⁾ Tall Fescue (including turf-type) Zoysia	75	1.5
Buffalograss Kentucky Bluegrass Perennial Ryegrass	50	1.0
Creeping Red Fescue	37	0.75
Creeping Bentgrass	33	0.65

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 26 lb/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.

³⁾ Use at an initial rate of 37 to 50 lb/A per application followed by sequential applications at doses that would not exceed the maximum annual application rate of 75 lb/A/yr.

- o Do not apply more than 75 lb of BARRICADE per calendar year.
- o Use higher rates of BARRICADE to achieve higher levels of fertility and weed control for each turf type.

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Approved August 1995; Abarfera, 95a

Weeds Controlled

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

- | | |
|--|---------------------------------|
| Barnyardgrass | Carpetweed |
| Bluegrass, Annual (<i>Poa annua</i>) | Chickweed, Common |
| Crabgrass (large, smooth) | Chickweed, Mouseear (from seed) |
| Crowfootgrass | Henbit |
| Cupgrass, Woolly | Knotweed |
| Foxtails, Annual | Kochia |
| Goosegrass ¹ | Lambsquarter, Common |
| Itchgrass | Pigweed |
| Johnsongrass (from seed) | Purslane, Common |
| Junglerice | Pusley, Florida |
| Lovegrass | Shepherd's Purse ² |
| Panicum (Texas, Fall, Browntop) | Speedwell, Persian |
| Rescuegrass ³ | Spurge, Prostrate |
| Signalgrass, Broadleaf | Woodsorrel, Yellow (from seed) |
| Sprangletop | |
| Witchgrass | |

- 1 In many areas a single application of 33 to 75 lb/A of BARRICADE 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 33 to 50 lb/A followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rate Table. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rate Table above.
- 2 Applications for this weed should be made in late summer, fall or winter prior to germination.
- 3 Suppression only.

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

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Approved August 1995; Abarfera.95a

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 BARRICADE is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

WHEN TO OVERSEED AFTER APPLICATION

BARRICADE 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.

BARRICADE Rate (lb/A)		Interval Before Overseeding		
Product	ai	North	Transition	South
25	.50	4 mo	4 mo	4 mo
33	.66	5 mo	4 mo	4 mo
37	.74	6 mo	5 mo	5 mo
40	.80	---	6 mo	6 mo
50	1.00	---	7 mo	7 mo
57	1.14	---	---	9 mo
65	1.30	---	---	10 mo

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LANDSCAPE ORNAMENTALS

(including Established Perennials and Wildflower Plantings)

BARRICADE may be applied for residual preemergence weed control in ornamentals.

Use Rates

Apply BARRICADE at 33 to 75 lb/A in fall and/or spring. Use higher rates of application for longer control periods. Sequential or single applications are allowed so long as the total amount of product applied does not exceed the maximum annual application rate of 75 lb/A/yr.

Application Timing and Information

~~Apply BARRICADE prior to weed seed germination to the soil surface surrounding established tolerant ornamentals listed below.~~ BARRICADE may be applied to newly transplanted and 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 BARRICADE in the soil.

BARRICADE may be applied at any time to established plants. Delay application to allow soil to settle around new transplants and water thoroughly before applying BARRICADE. Apply BARRICADE 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.

BARRICADE is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when BARRICADE is activated by at least 0.5 in of rainfall or irrigation, or with shallow (1 to 2 in) mechanical incorporation, prior to weed seed germination and within 14 days following application.

Best weed control is obtained when BARRICADE is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of BARRICADE, control existing vegetation by hand weeding, cultivation or the use of an appropriate postemergence herbicide.

Tolerant Ornamental Species

BARRICADE will not harm most ornamental trees, shrubs and flowers. The species listed below are tolerant to BARRICADE. Best results will be obtained when BARRICADE 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. BARRICADE may be applied over the top of these species without injury.

Scientific name -----	Common name -----
<i>Abies</i> spp.	Fir species** (Balsam, Fraser, Noble, etc.)
<i>Acer palmatum</i>	Japanese Maple
<i>A. platanoides</i>	Norway Maple
<i>Actinidia chinensis</i>	Kiwi*
<i>Agapanthus africanus</i>	Lily-of-the-Nile (African Lily)
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita
<i>Arctotheca calendula</i>	Cape Weed
<i>Aucuba japonica</i>	Japanese Aucuba
<i>Barberis gladwynensis</i>	Barberry
<i>B. julianae</i>	Wintergreen Barberry
<i>B. mentorensis</i>	Mentor Barberry
<i>B. thunbergii</i>	Japanese Barberry
<i>B. verruculosa</i>	Warty Barberry
<i>Buxus microphylla</i>	Japanese Boxwood
<i>Callistemon viminalis</i>	Weeping Bottlebrush
<i>Calluna vulgaris</i>	Scotch Heather
<i>Carpobrotus edulis</i>	Hottentot Fig (Ice Plant)
<i>Cassia artemisoides</i>	Feathery Cassia
<i>Ceanothus rigidus</i>	Wild Lilac
<i>Chamaecyparis pisifera</i>	False Cypress
<i>Cleyera japonica</i>	Cleyera
<i>Citrus</i> spp.	Citrus species*
<i>Cornus 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>	Cotoneaster
<i>C. dammeri</i>	Bearberry Cotoneaster
<i>C. microphyllus</i>	Rockspray Cotoneaster
<i>Cretaegus</i> spp.	Hawthorne
<i>Cupressus sempervirens</i>	Italian Cypress
<i>Delasperma alba</i>	White Trailing Ice Plant

*Ornamental species only. Do not use on food producing trees or vines.
**For use on landscape ornamental sites.

Scientific name

Common name

<i>Dodonea viscosa</i>	Hop Bush
<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. viridissima</i>	Greenstem Forsythia
<i>Gardenia jasminoides</i>	Grdenia, Cape-Jasmine
<i>Gladiolus</i> spp.	Gladiolus species**
<i>Hedera helix</i>	English Ivy
<i>Hibiscus</i>	Rose of Sharon**
<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus
<i>Ilex cornuta</i>	Chinese Holly
<i>I. crenata</i>	Japanese Holly
<i>I. opaca</i>	American Holly
<i>I. pernyi</i>	Holly
<i>I. vomitoria</i>	Yaupon
<i>Iris</i> spp.	Iris species**
<i>Jasminium nudiflorum</i>	Winter Jasmine
<i>Juniperus chinensis</i>	Chinese Juniper
<i>J. conferta</i>	Shore Juniper
<i>J. horizontalis</i>	Creeping Juniper
<i>Juglans</i> sp.	Walnut*
<i>Justicia brandegeana</i>	Shrimp Plant
<i>Lagerstromia indica</i>	Crepe Myrtle
<i>Ligustrum amurense</i>	Amur Privet
<i>L. japonicum</i>	Japanese Privet
<i>L. lucidum</i>	Glossy Privet (Waxleaf)
<i>Liriope muscari</i>	Big Blue LilyTurf
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>L. tatarica</i>	Tatarian Honeysuckle
<i>Magnolia</i> spp.	Magnolia species**
<i>Maleophora luteola</i>	Ice Plant
<i>Malus</i> sp.	Crabapple*
<i>Nandina domestica</i>	Heavenly Bamboo
<i>Narcissus</i> spp.	Narcissus species**
<i>Nerium</i> spp.	Oleander

*Ornamental species only. Do not use on food producing trees or vines.

**For use on landscape ornamental sites.

Scientific name

Common name

Olea europa
Ophiopogon japonicus
Osteospermum fruticosum
Oxydendrum arboreum
Persea americana
Photinia fraseri
Picea spp.
Pieris 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 spp.
Raphiolepis indica

Olive*
Mondo Grass
Trailing African Daisy
Sourwood
Avocado*
Fraser's Photinia (Redtip)
Spruce species** (Colorado Blue, Norway, etc.)
Lily-of-the-Valley Shrub
Calabrian Pine
Canary Island Pine
Slash Pine
Aleppo Pine
Austrian Black Pine
Longleaf Pine
Monterey Pine
Japanese Black Pine
Eastern White Pine
Scotch Pine
Loblolly Pine
Virginia Pine
Pistachio*
Queensland Pittosporum
Japanese Pittosporum
Japanese Yew
English Laurel
Almond, Apricot, Nectarine,
Peach, Plum and Prune*
Douglas Fir**
Firethorn (Scarlet)
Firethorn
Firethorn
Bradford Pear sp.
Oak species
Indian Hawthorne

*Ornamental species only. Do not use on food producing trees or vines.
**For use on landscape ornamental sites.

Scientific name

Common name

Rhododendron
(including Azalea)

'Coral Bells'
'Formosa'
'Hino-crimson'
'PJM'
'Roseum Elegans'
Lady Bank's Rose
Rosemary

Rosa banksiae
Rosmarinus officinalis
Santolina virens
Sedum album
Syzygium paniculatum
Taxus cuspidata
T. media
Thuja occidentalis
Trachelospermum asiaticum
Tsuga canadensis
Tulip spp.
Viburnum japonicum
V. odoratissimum
V. plicatum
V. rigidum
V. tinus
V. trilobium
V. wrightii
Vinca major
Vinca minor
Vitis sp.
Weigela florida
Yucca aloifolia
Y. filamentosa

Stonecrop
Japanese Boxcherry
Japanese Yew
Yew
American Arborvitae
Star Jasmine
Canada Hemlock
Tulip species**
Japanese Viburnum
Sweet Viburnum
Japanese Snowball
Canary Island Viburnum
Laurustinus
Cranberry Bush
Leatherleaf Viburnum
Vinca
Dwarf Periwinkle
Grape*
Old Fashioned Weigela
Spanish Bayonet
Yucca, Adam's Needle

*Ornamental species only. Do not use on food producing trees or vines.
**For use on landscape ornamental sites.

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BARRICADE F, 55847-144
Approved August 1995; Aberfera.95a

**LIMITATION OF WARRANTY
AND LIMITATION OF LIABILITY**

NOTICE: Read this Limitation of Warranty and Limitation of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

It is impossible to eliminate all risks inherently associated with the 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 manner of use or application, all of which are beyond the control of Sandoz or seller. All such risks shall be assumed by buyer or user.

Sandoz warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. **SANDOZ MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.** In no event shall Sandoz or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product.

Sandoz and seller offer this product, and buyer and user accept it, subject to the foregoing limitations of warranty and limitation of liability, which may not be modified by any oral or written agreement.