



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Dawn Walters  
The Andersons Lawn Fertilizer Division, Inc.  
d/b/a Free Flow Fertilizer  
P.O. Box 119  
Maumee, OH 43537

JUN 11 2008

Subject: Label Notifications for Pesticide Registration Notice 2007-4

Dear Ms. Walters,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated May 9, 2008 for the product The Andersons Weed & Grass Preventer with 5% Trammel Herbicide (EPA Registration Number 9198-237). The Registration Division (RD) has conducted its review of this request for its applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4. The label submitted with the application has been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

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

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 9198-237	2. EPA Product Manager Miller	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) The Andersons Weed & Grass Preventer with 5% Trammel Herbicide (Dispersible Granules)	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) The Andersons Lawn Fertilizer Division, Inc. d/b/a Free Flow Fertilizer PO Box 119 Maumee, OH 43537 <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

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Label change per PR Notice 2007-4.

This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, 156.156. 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 the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, 156.156, 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:				2. Type of Container	
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		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper
* Certification must be submitted				Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container	4. Size(s) Retail Container 10-2,000 lbs.	5. Location of Label Directions <input checked="" type="checkbox"/> On Label			
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Pocket			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Dawn L. Walters	Title Regulatory Administrator	Telephone No. (Include Area Code) 410-807-6790
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.		6. Date Application Received (Stamped)
2. Signature <i>Dawn Walters</i>	3. Title Regulatory Administrator	
4. Typed Name Dawn L. Walters	5. Date 5/8/08	

## The Andersons Weed & Grass Preventer with 5% Trammel Herbicide (Dispersible Granules)

Net Weight XX lbs. (XX kg)  
Not For Turf Use

A selective, preemergence herbicide for the control of certain annual grasses and broadleaf weeds in landscape Ornamentals, Ground Covers, Established Flowers, Ornamental Bulbs, Non-bearing Fruit and Nut Trees and Non-bearing Vineyards, Container grown ornamentals, Nursery stock and Noncropland

Active Ingredient:

Trifluralin .....	5.00%
Other Ingredients .....	<u>95.00%</u>
Total .....	100.00%

EPA Reg. No.9198-237

EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-1A

Underlined letter is first letter used in run code

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

#### FIRST AID

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

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

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

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- socks and shoes

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

**User Safety Recommendations:** Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwaters.

**DIRECTIONS FOR USE**

It is violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions of Use carefully before applying.

Not for use on plants being grown for sale or commercial use, or 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.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in original container only. In case of leak or spill, contain material and dispose of as waste.

**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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**GENERAL INFORMATION**

This product herbicide is a preemergence herbicide for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards. Apply this product before or after planting but prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with weed population, potting media or soil conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional applications may be needed. Repeat applications should not be made sooner than 60 days after a previous application of this product. Do not apply over 240 pounds per acre total of this product within a 12 month period.

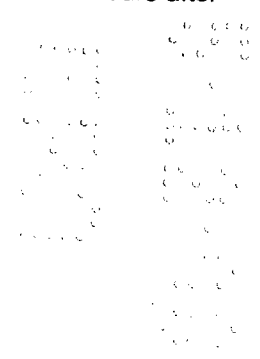
This product does not control established weeds. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation, is required to activate this product. Optimum weed control is obtained when this product is activated within 3 days of application. If rainfall or irrigation has not occurred within 3 days of application and tillage is possible, this product may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate this product within 3 days of application may result in erratic weed control. Do not apply when wind conditions favor drift of these product granules from the target area.

Optimum weed control will be obtained when followed by overhead irrigation or rainfall within a few hours after surface application.

**Weeds controlled by this product when applied at 80 lb./acre (1.8 lb/1,000 sq. ft.)**

**Annual Grasses**

<b>Common Name</b>	<b>Scientific Name</b>
barley, hare	<i>Hordeum Leporinum</i>
barnyardgrass (watergrass)	<i>Echinochloa crus-galli</i>
bluegrass, annual	<i>Poa annua</i>
brome	<i>Bromus spp.</i>
cheat	<i>Bromus secalinus</i>



crabgrass	Digitaria spp.
cupgrass, southwestern	Eriochia gracilis
fescue, rattail	Vulpia myuros
foxtail	Setaria spp.
goosegrass	Eleusine indica
jungerice	Echinochia colonum
lovegrass	Eragrostis spp.
oat, wild	Avena Fatua
panicum, fall	Panicum dichotomiflorum
sandbur, field	Cenchrus incertus
signalgrass	Brachiaria spp.
sprangletop, Mexican	Leptochioa univervia
stink grass	Eragrostis cilianensis
witchgrass	Panicum capillare

**Annual Broadleaf Weeds**

<b>Common Name</b>	<b>Scientific Name</b>
chickweed, common	Steliana media
goosefoot, nettleleaf	Chenopodium murate
knotweed, prostrate	Polygonum aviculare
kochia	Kochia scoparia
lambsquarters, common	Chenopodium album
nettle, stinging	Urtica dioica
pigweed	Amaranthus spp.
purslane, common	Portulaca oleracea
thistle, Russian	Salsola iberica

**In addition to the weeds controlled, following weeds will be partially controlled or suppressed at 80 lb./acre (1.8 lb/1,000 sq. ft.)**

<b>Common Name</b>	<b>Scientific Name</b>
carpetweed	Mollugo verticillata
johnsongrass (from seed)	Sorghum halepense
panicum, Texas	Panicum texanum
pulsey, Florida	Richardia scabra
Shattercane	Sorghum bicolor

**Landscape Ornamentals, Ground Covers, Established Flowers, Ornamental Bulbs, Non-bearing Fruit and Nut Trees and Non-bearing Vineyards**

This product is recommended as a preemergence treatment for control of certain annual grasses and broadleaf weeds in landscape ornamentals, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards. Apply this product before or after planting but prior to germination of target weeds, or immediately after cultivation.

Refer to the "General Information", "General Precautions and Restrictions" and "Application Directions" sections of this label for general use precautions and information on application, application rates and weeds controlled.

**GENERAL PRECAUTIONS AND RESTRICTIONS**

**Entry Restrictions:** Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

**Application Restrictions:** Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

To avoid possible injury, do not apply this product to:

- cuttings that have been planted in post for the first time
- ground covers until they are established and well rooted

Do not apply this product to newly transplanted ornamentals, ground covers, flowers and non-bearing fruit and nut trees until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Do not make preplant applications of this product to areas where gladioli corns less than one inch in diameter will be planted or injury may occur.

Do not apply this product in greenhouse or other enclosed structures.

Repeat applications should not be made sooner than 60 days after a previous application of this product. Do not apply over 240 pounds per acre total of this product within a 12 month period.

Users who wish to use this product on plant species not recommended on this label may determine suitability for such uses by making trial application of this product at a recommended rate to small number of plants. Prior to using this product on a larger number of plants, the treated plants should be observed for signs of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious to the target plant species.

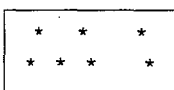
**The user assumes responsibility for any plant damage or other liability resulting from the use of this product on plant species not recommended on this label.**

### APPLICATION DIRECTIONS

Apply this product using a drop, rotary-type or hand-held spreader designed to apply granular products. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or plant injury may occur.

#### Application Techniques for applying this product

- When using a drop-type spreader, a splash board mounted under the hopper will provide even more even granule distribution.
- A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.
- For treating smaller areas or rows of nursery stock or ornamental beds, a hand held or push-type rotary applicator such as whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed. Apply at a rate of 1.8 lb./1,000 sq. ft. to match Example A.



Example A

- A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, hard to treat areas. Carefully measure the amount of product needed to avoid over-application.

### This product May Be Used On the Following Established Plant Species

Trees	Scientific Name	Common Name
	Abies balsamea	Balsam fir
	Abies concolor	White fir
	Abutilon hybridum	Albus-flowering maple
		Luteus-flowering maple
		Roseus-flowering maple
		Tangerine-flowering maple
		Vesuvius red-flowering maple



*Picea glauca*

*Pinus aristata*  
*Pinus canariensis*  
*Pinus contorta*  
*Pinus eldarica*  
*Pinus leucodermis*  
*Pinus mugo*  
*Pinus nigra*  
*Pinus radiata*  
*Pinus resinosa*  
*Pinus taeda*  
*Pinus strobus*  
*Pinus sylvestris*

*Pinus thunbergiana*  
*Platanus acerifolia*  
*Platanus occidentalis*  
*Platanus racemosa*  
*Podocarpus spp.*  
*Populus deltoides*  
*Prosopis chifensis*  
*Prunus yedoensis*  
*Pseudotsuga menziesii*  
*Quercus coccinea*  
*Quercus ilicifolia*  
*Quercus palustris*  
*Quercus phellos*  
*Quercus rubra*  
*Quercus virginiana*  
*Robinia pseudoacacia*  
*Salix spp.*  
*Sequoiadendron giganteum*  
*Swietenia mahogany*  
*Tabebuia caraiba*  
*Taxodium distichum*  
*Tsuga canadensis*  
*Ulmus parvifolia*  
*Washingtonia robusta*

Dwarf globe blue spruce  
Glauca-Colorado blue spruce  
Hoopsil-Hoop's blue spruce  
Koster-Koster blue spruce  
Bristlecone pine  
Canary island pine  
Shore pine, beach pine  
Eldarica pine  
Bosnian pine  
Pumilio-shrubby swiss mountain pine  
Austrian black pine  
Monterey pine  
Red pine  
Lobiolly pine  
White pine  
Columnar Scotch pine  
Scotch pine  
Japanese black pine  
London planetree  
American sycamore  
California sycamore  
Podocarpus  
Cottonwood  
Chilean mesquite  
Yoshino flowering cherry  
Douglasfir  
Scarlet oak  
Bear oak  
Pin oak  
willow oak  
Red oak  
Live oak  
Black locust  
Willow  
Giant sequoia  
Mahogany  
Yellow tab  
Baldcypress  
Eastern hemlock  
Chinese palm  
Mexican fan palm

**Scientific Name**

**Common Name**

**Ornamental  
Shrubs:**

*Abelia grandiflora*  
  
*Acacia abyssinica*  
*Acacia redolens*  
*Acalypha wikesiana*  
*Acer ginnala*  
*Acer palmatum*  
  
*Agave americana*  
*Astilbe chinensis*  
*Athyrium nipponicum*  
*Baccharis pilularis*  
*Berberis gladwynensis*  
*Berberis mentorensis*

Edward Goucher abelia  
Glossy abelia  
Abyssinica acacia  
Prostrate acacia  
Copper leaf  
Amur maple  
Coral bark Japanese maple  
Dwarf Japanese maple  
Century plant  
False spiraea  
Japanese painted fern  
Coyotebush  
William Penn barberry  
Mentor Barberry



Berberis thunbergii	Atropurea-redleaf Japanese barberry
	Aurea-golden Japanese barberry
	Crimson pygmy barberry
	Rose glow barberry
Bougainvillea spp.	Barbara Karst
	California gold
	Pink pixie
	Scarlet O'Hara
	Temple fire
	Texas dawn
Buxus microphylla japonica	Japanese boxwood
Buxus microphylla Korean	Korean boxwood
Buxus sempervirens	Common boxwood
Callistemon citrinus	Lemon bottlebrush
Callistemon viminalis	Weeping bottlebrush
Calluna vulgaris	Spring torch scotch heather
Camellia sasanquifolia	Sasanqua camellia
Camellia japonica	Japanese camellia
Cassia artemisioides	Feathery cassia
Ceanothus spp.	Wild lilac
Cephalotaxus drupacea	Plum yew
Cerastium tomentosum	Snow-in-summer
Chamaecyparis obtusa spp.	Kosteri cypress
	Nana-dwarf Hinoki cypress
	Torulosa cypress
Chamaecyparis pisifera	Filifera-thread cypress
Chrysalidocarpus lutescens	Areca palm
Clethra alnifolia	Summersweet
Cleyera japonica	Japanese cleyera
Cornus aiba	Sibirica-Siberian dogwood
Cornus stolonifera	Baileyi red osier dogwood
	Flaviramea-yellowing dogwood
Cotinus coggygria	Royal purple smoke tree
Cotinus dammeri	Coral beauty smoke tree
	Eichholtz smoke tree
Cotoneaster adpressus	Praecox-early cotoneaster
Cotoneaster apiculatus	Cranberry cotoneaster
Cotoneaster congestus	Pyrenees cotoneaster
Cotoneaster dammeri	Bearberry cotoneaster
Cotoneaster himalayan	Himalayan cotoneaster
Cotoneaster horizontalis	Rock cotoneaster
Cotoneaster zabelii	Zabel cotoneaster
Cycas revoluta	Sago palm
Cytisus praecox	Hollandia-warminster broom
Cytisus scoparius	Lena-Scotch broom
Daphne odora	Fragrant Daphne
Deutzia spp.	Deutzia
Dodonea viscosa	Hopseed bush
Elaeagnus pungens	Fruitland silver berry
Erica cinerea	Purple bell heather
Erica x darleyensa	Mediterranean pink heather
Erica vagans	Cornish heather
Euonymus alatus	Winged euonymus
Euonymus fortunei	Canadale gold euonymus
	Emerald'n gold euonymus
	Sunspot euonymus
	Wintercreeper euonymus

Euonymus Japonica

Euonymous kiautschovica

Feijoa sellowiana

Forsythia spp.

Gardenia jasminoides

Gaultheria shallon

Gelsemium sempervirens

Genista pilosa

Hibiscus rosa-sinensis

Hibiscus syriacus

illex spp.

Illicium annisatum

itea ilicifolia

Ixora colinea

Juniperus spp.

Kalmia latifolia

Lagerstroemia indica

Lantana spp.

Leucothoe axillaris

Ligustrum spp.

Livistona chinensis

Lonicera periclymenum

Lonicera sempervirens

Mahonia bealei

Mahonia repens

Myrica cerifera

Nandina domestica

Nerium oleander

Osmanthus fortunei

Philadelphus spp.

Phoenix roeloelenii

Photinia fraseri

Pieris japonica

Pieris janonica x forestii

Pinus mugo

Pittosporum tobira

Plumbago ariculata

Silver king-euonymus

Variegated evergreen euonymus

Spreading euonymus

Pineapple guava

Forsythia

August beauty gardenia

Gardenia

Radician gardenia

Salal/lemon leaf

Carolina jessamine

Woadwaxen

Ross Estey-hibiscus

Rose of Sharon-heart

Rose of Sharon-red bird

Rose of Sharon-woodbridge

Holly

Mystery gardenia

Henry Garnet holly leaf sweetspire

Ixora

Juniper

Mountain laurel

Crape myrtle

Lantana

Coast Leucotheoe

Privet

Chinese fountain palm

Flowering woodbine

Serotina woodbine

Trumpet honeysuckle

Leather leaf Mahonia

Creeping mahonia

Wax myrtle

Compata-dwarf heavenly bamboo

Harbour dwarf-heavenly bamboo

Heavenly bamboo

Nana compacta-heavenly bamboo

Nana purpurea-heavenly bamboo

Woods dwarf heavenly bamboo

Hardy red oleander

Oleander

Ruby lace oleander

Fortunes osmanthus

Mockorange

Pigmy date palm

Fraser's photinia

Japanese andromeda

Mountain fire lily-of-the-valley

Snowdrift lily-of-the-valley

Templebells lily-of-the-valley

Valley rose lily-of-the-valley

Valley valentine lily-of-the-valley

Forest flame lily-of-the-valley

Mugo-mugha pine

Green pittosporum

Japanese pittosporum

Wheeler's dwarf pittosporum

Blue cape plumbago

Plumbago capensis  
Podocarpus macrophilus  
Polystichum polyblepharum  
Potentilla spp.  
Prunus caroliniana  
Prunus glandulosa  
Pyracantha spp.  
Raphiolepis indica

Raphiolepis ovata  
Rhododendron spp.  
Rhus lancea  
Rosa rugosa  
Rosmarinus officinalis  
Skimmia japonica  
Skimmia revesiana  
Spiraea Bumaida  
Spiraea japonica

Spiraea vanhouttil  
Syringa rothomagensis  
Syringa vulgaris  
Taxus cuspidata  
Tecomaria capensis  
Temstoemia gymnanthera  
Thuja occidentalis

Thuja orientalis

Veitchia merrilli  
Viburnum spp.  
Weigela spp.  
Xylosma congestum  
Yucca filamentosa

Plumbago  
Yewpine  
Tassel fern  
Cinquefoil  
Carolina laurel cherry  
Dwarf pink flowering almond  
Pyracantha  
Charisma-Monruce raphiolepis  
Enchantress-Moness raphiolepis  
India hawthorn  
Springtime-Monme raphiolepis  
Roundleaf raphiolepis  
Azalea/rhododendron  
Africa sumac  
Ramanas Rose  
Rosemary  
Japanese Skimmia  
Reeve's skimmia  
Anthony Waterer spiraea  
Dolchia spiraea  
Japanese alpine spiraea  
Shirobana spiraea  
Bridal wreath  
Chinese lilac  
Common lilac  
Upright Japanese yew  
Cape honeysuckle

American arborvitae  
Emerald arborvitae  
Globosa-globe arborvitae  
Little giant-dwarf arborvitae  
Nigra-dark American arborvitae  
Pyramidalis-pyramid arborvitae  
Rheingold arborvitae  
Techny arborvitae  
Aureus nana-dwarf golden arborvitae  
Minima glauca-dwarf arborvitae  
Christmas palm  
Viburnum  
Weigela  
Xylosma  
Yucca

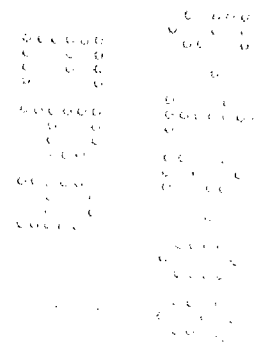
**Ground  
Covers:**

**Scientific Name**

Achillea tomentosa  
Agapanthus spp.  
Ammonphila breviligulata  
Arctotheca calendula  
Armeria maritima  
Asparagus densiflorus  
Campanula spp.  
Carex spp.  
Carpobrotus edulis  
Ceratostigma plumbaginoides  
Cistus spp.  
Coreopsis spp.

**Common Name**

Wooly yarrow  
Lily-of-the-nile  
Beechgrass  
Cape weed  
Thrift  
Asparagus fern  
Bellflower  
Variegated carex  
Largeleaf iceplant  
Dwarf plumbago  
Rockrose  
Coreopsis



Coronilla varia  
Cortaderia seiloana  
Cotoneaster spp.  
Delosperma alba  
Descampsia caespitosa  
Drosantheum floribundum  
Drosantheum hispidum  
Festuca ovina glauca  
Fragaria chiloensis  
Gazania spp.  
Hakonechioa macroaureola  
Hedera canariensis  
Hedera helix  
Hemerocallis spp.  
Hemiaria glabra  
Hosta lancifolia  
Hypericum spp.

Jasminum nitidum  
Lampranthus spectabilis  
Liriope gigantea  
Liriope muscari

Liriope spicata  
Miscanthus sinensis  
Muehlenbeckia axillaris  
Myoporum laetum  
Ophiopogon japonicus

Osteospermum fruticosum  
Pachysandra terminalis  
Pennisetum alopecuroides  
Phalaris arundinacea picta  
Sedum spp.  
Teucrium chamaedrys  
Trachelospermum asiaticum  
Verbena spp.  
Veronica spp.  
Vinca spp.

Crown vetch  
Parrpas grass  
Cotoneaster  
White iceplant  
Descampsia  
Trailing rosea iceplant  
Iceplant  
Blue fescue  
Strawberry beach  
Gazania  
Golden Hakonechioa  
Algerian Ivy  
English ivy  
Daylilly  
Rupturewort  
Albo-marginata hosta  
Aaronsbeard  
St. Johnswort  
Angelwing jasmine  
Trailing iceplant  
white lily turf  
Big blue lily turf  
Lilac beauty lily turf  
Magestic lily turf  
Silvery sunproof lily turf  
Variegated liriope lily turf  
Green/creeping lily turf  
Eulalia grass  
Creeping wirevine  
Myoporum  
Dwarf mondo grass  
Mondo grass  
Trailing African daisy  
Japanese spurge  
Fountain grass  
Ribbon grass  
Stonecrop (sedum)  
Germander  
Asalan jasmine  
Verbena  
Speedwell  
Periwinkle

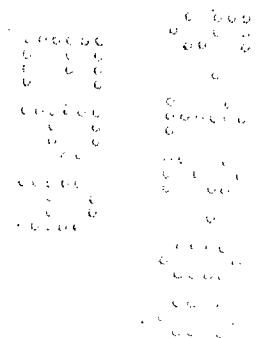
**Scientific Name**

**Common Name**

**Established  
Flowers:**

Achillea spp.  
Ageratum houstonianum  
Alyssum spp.  
Antirrhinum majus  
Arctotis spp.  
Artemisia stellerana  
Aster spp.  
Calendula officianalis  
Centaurea cyanus  
Centaurea gymnocarpa  
Chrysanthemum spp.  
Convolvulus spp.  
Coreopsis spp.

Yarrow  
Floss Flower  
Alyssum  
Snapdragon  
African daisy  
Dusty miller  
Aster (perennial)  
Calendula  
Cornflower  
Velvet centaurea  
Chrysanthemum  
Morningglory  
Coreopsis



Cosmos spp.  
Dahlia spp.  
Dianthus spp.  
Dimorphotheca spp.  
Euphorbia marginata  
Geum spp.  
Gaillardia spp.  
Gladiolus spp.  
Gypsophila paniculata  
Helianthus spp.  
Impatiens balsamina  
Impatiens spp.  
Ixora spp.  
Lathyrus odoratus  
Limonium spp.  
Lobelia spp.  
Lobularia maritima  
Lupinus spp.  
Matthiola spp.  
Mirabilis jalapa  
Myosotis spp.  
Nicotiana spp.  
Papaver spp.  
Petunia hybrida  
Phlox spp.  
Portulaca grandiflora  
Rosa spp.  
Rudbeckia hirta  
Rudbeckia laciniata  
Salvia spp.  
Scabiosa spp.  
Stachy's spp.  
Stokesia laevis  
Tagetes spp.  
Tropaeolum spp.  
Vinca spp.  
Zinnea spp.

Cosmos  
Dahlia  
Dianthus  
Marigold, cape  
Snow-on-the-mountain  
Geum  
Gaillardia  
Gladiolus  
Baby's breath  
Sunflower  
Balsam  
Impatiens  
Ixora  
Sweet pea  
Statice  
Lobelia  
Sweet alyssum  
Lupine  
Stock  
Four o'clock  
Forget-me-not  
Nicotiana  
Poppy, California  
Petunia  
Phlox  
Portulaca  
Rose  
Blackeyed Susan  
Golden glow  
Salvia  
Pincushion flower  
Lamb's ears  
Stoke's aster  
Marigold  
Nasturtium  
Vinca  
Zinnia

**Ornamental Bulbs**

This product may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply this product to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. This product may also be applied following bulb emergence. For fall planted bulbs, apply this product again in late winter or early spring to weed-free soil surfaces.

**Non-bearing fruit and Nut Trees and Non-bearing Vineyards<sup>1</sup>**

**Common Name**

Almond  
Apple  
Apricot  
Avocado  
Blackberry  
Blueberry  
Boysenberry  
Cherry, sour

**Common Name**

Kiwi  
Lemon  
Loganberry  
Macadamia Nut  
Nectarine  
Olive  
Orange  
Peach

