

P111

62719-174

152

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-107)  
WASHINGTON, DC 20480

EPA REGISTRATION NO.

62719-174

DATE OF ISSUANCE

OCT 24 1990

TERM OF ISSUANCE

Conditional

NAME OF PESTICIDE PRODUCT

SNAPSHOT 80 DF

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (include ZIP code)

DowElanco  
Elanco Products Company  
P.O. Box 708  
Greenfield, Indiana 46140

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered under FIFRA sec. 240(a)(7)(B) provided that you:

1. Submit and cite all data required for registration/reregistration of your product under FIFRA sec. 240(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

1. The Precautionary Statement must be stated as follows:  
Causes eye irritation ~~or~~ injury. Harmful if inhaled. Avoid breathing dust, vapor, or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

2. The CAUTION signal word is acceptable.

3. The Statement of Practical Treatment must be stated as follows.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

James S. Miller

DATE

10/24/90

~~Remove victim to fresh air. If breathing, give artificial respiration.~~

JDM

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

"If Inhaled-Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention. If in Eyes - Flush eyes with plenty of water. Call a physician if irritation persists."

Product Chemistry

The product chemistry is acceptable. Note that in the next label revision, the product registration number and the producing establishment registration number should be changed to EPA REG.NO 62719-xxxxx and EPA EST. 62719-IN-X, respectively. Moreover, the name of the registrant should be changed to DowElanco.

- a. Add the phrase, "EPA Registration No. 62719-~~ATW~~174"
- 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

Joanne I. Miller  
 Product Manager (23)  
 Fungicide-Herbicide Branch  
 Registration Division (H7505C)

**CONCURRENCES**

|         |          |  |  |  |  |  |  |
|---------|----------|--|--|--|--|--|--|
| SYMBOL  | H7505C   |  |  |  |  |  |  |
| SURNAME | Miller   |  |  |  |  |  |  |
| DATE    | 10/23/90 |  |  |  |  |  |  |

ELANCO ID5968

9/8/89

SNAPSHOT™ 80 DRY FLOWABLE

Net contents -- 1.875 pounds

A SELECTIVE PREEMERGENCE HERBICIDE FOR CONTROL OF CERTAIN BROADLEAF WEEDS AND ANNUAL GRASSES IN:

- LANDSCAPE ORNAMENTALS
- CHRISTMAS TREE PLANTATIONS
- CONTAINER GROWN ORNAMENTALS
- GROUND COVERS
- NURSERY STOCK
- NON-BEARING FRUIT AND NUT CROPS
- NON-BEARING VINEYARDS
- NONCROPLAND

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Date:

OCT 24 1990

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

62719-174

Active Ingredients.

- Isoxaben: N-[3-(1-Ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide and isomers ----- 20%
- Oryzalin: 3,5-dinitro-N4,N4-dipropylsulfanilamide ----- 60%
- Inert Ingredients ----- 20%

Contains 0.80 pounds active ingredient per pound.

SNAPSHOT™ (isoxaben plus oryzalin, Elanco)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back of container for additional precautionary statements.

EPA Reg. No. 1471-XXXX  
EPA Est. 1471-IN-X  
FN3218

Elanco Products Company  
A Division of Eli Lilly and Company  
Indianapolis, IN USA 46285

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PRECAUTIONARY STATEMENTS

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Hazards to Humans and Domestic Animals

CAUTION

Causes eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust or spray mist, and contact with eyes, skin or clothing. Use eye protection and protective clothing such as coveralls, a long sleeved shirt, shoes and impermeable gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

If in eyes: Flush eyes with plenty of water. Call a physician if irritation develops.

If swallowed: Do not induce vomiting. Call a physician or Poison Control Center. If available, administer activated charcoal (6-8 heaping teaspoonfuls) with a large quantity of water. Do not induce vomiting or give anything by mouth to an unconscious person. Immediately transport to a medical facility and see a physician.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If inhaled: Remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide cardiopulmonary resuscitation assistance (mouth-to-mouth) and get medical attention immediately.

ENVIRONMENTAL HAZARD

Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters. Drift may result in reduced germination or emergence of nontarget plants adjacent to treated area.

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#### DIRECTIONS FOR USE

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Read all directions carefully before applying this product.

See attached literature for complete directions for use.

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

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#### STORAGE AND DISPOSAL

**Storage:** Store in original container. Do not store in direct sunlight. Do not store at temperatures above 120°F. In case of leak or spill, contain material and dispose as waste.

**Pesticide Disposal:** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Dispose of in a sanitary landfill, or by incineration, in accordance with applicable regulations, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

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Elanco Products Company  
A Division of Eli Lilly and Company  
Indianapolis, Indiana 46285, U.S.A.

ELANCO ID5915

SNAPSHOT™ 80 DRY FLOWABLE

A SELECTIVE PREEMERGENCE HERBICIDE FOR CONTROL OF CERTAIN BROADLEAF WEEDS AND ANNUAL GRASSES IN:

- LANDSCAPE ORNAMENTALS
- CHRISTMAS TREE PLANTATIONS
- CONTAINER GROWN ORNAMENTALS
- GROUND COVERS
- NURSERY STOCK
- NON-BEARING FRUIT AND NUT CROPS
- NON-BEARING VINEYARDS
- NONCROPLAND

Active Ingredients:

|  |     |
|--|-----|
| Isoxaben: N-[3-(1-Ethyl-1-methylpropyl)-5-isoxazolyl]-<br>2,6-dimethoxybenzamide and isomers ----- | 20% |
| Oryzalin: 3,5-dinitro-N4,N4-dipropylsulfanilamide -----  | 60% |
| Inert Ingredients -----  | 20% |

Contains 0.80 pounds active ingredient per pound.

SNAPSHOT™ (isoxaben plus oryzalin, Elanco)

EPA Reg. No. 1471-XXX  
FN3218

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PRECAUTIONARY STATEMENTS

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Hazards to Humans and Domestic Animals

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If swallowed: Do not induce vomiting. Call a physician or poison control center. If available, administer activated charcoal (6-8 heaping teaspoonfuls) with large quantity of water. Do not induce vomiting or give anything by mouth to an unconscious person. Immediately transport to a medical facility and see a physician.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If inhaled: Remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide cardiopulmonary resuscitation assistance (mouth-to-mouth) and get medical attention immediately.

#### ENVIRONMENTAL HAZARD

Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters. Drift may result in reduced germination or emergence of nontarget plants adjacent to treated area.

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#### DIRECTIONS FOR USE

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#### STORAGE AND DISPOSAL

Storage: Store in original container. Do not store in direct sunlight. Do not store at temperatures above 120° F. In case of leak or spill, contain material and dispose as waste.

Pesticide disposal: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Dispose of in sanitary landfill, or by incineration, in accordance with applicable regulations, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

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## GENERAL INFORMATION

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SNAPSHOT 80 DRY FLOWABLE is a preemergence herbicide for control of certain broadleaf weeds and annual grasses in landscape ornamentals, nursery stock, non-bearing fruit and nut crops and non-bearing vineyards. Apply SNAPSHOT in late summer to early fall or in early spring, prior to emergence of target weeds, or immediately after cultivation.

## GENERAL USE PRECAUTIONS

SNAPSHOT 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 SNAPSHOT. Optimum weed control is obtained when SNAPSHOT is activated within 21 days of application. If rainfall or irrigation has not occurred within 21 days of application and tillage is possible, SNAPSHOT may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil.

Do not apply SNAPSHOT through any type of irrigation system.

## MIXING AND APPLICATION

SNAPSHOT 80 DRY FLOWABLE alone: Check to be sure spray equipment is clean and not contaminated. Using clean water, fill spray tank to 1/2 the final volume required and start agitation. Slowly add the correct quantity of SNAPSHOT to the spray tank, continue agitation and complete filling the tank. Maintain agitation during filling and throughout application. Agitation should be sufficient to create a rippling or rolling action on the liquid surface. A sparger pipe generally provides the best agitation. To prevent foaming, place the end of the fill pipe below the surface of the water in the spray tank during the filling process.

If spraying and agitation is interrupted, SNAPSHOT may settle to the bottom of the spray tank. If settling occurs, material must be resuspended before spraying continues. Clean spray tank, lines and screens thoroughly after use.

tank-mixing SNAPSHOT 80 DRY FLOWABLE: Add SNAPSHOT to the spray tank as described above. Fill the spray tank to 3/4 of final volume required. Add other product formulations in the following order: (1) dry flowables, (2) wettable powders, (3) aqueous suspensions, (4) flowables, (5) liquids, (6) solutions and emulsifiable or liquid concentrates. To insure proper mixing, allow two to three minutes agitation between the addition of each product, and agitate continuously until the product(s) are completely dispersed in water. If a buildup of material is observed on the walls of the spray tank, wash the tank with soapy water between fillings, rinse and then continue the spraying operation. Follow label directions for each material added to the tank.

Application: Apply SNAPSHOT with a properly calibrated low pressure herbicide sprayer that provides a uniform distribution. Spray tip screens should be no finer than 50 mesh. In-line screens and strainers should be no finer than 16 mesh (50 mesh is finer than 16 mesh). Apply SNAPSHOT in 10 to 200 gallons of water carrier per acre. As the amount of spray volume decreases, the importance of accurate calibration and uniform application increases. Avoid boom overlaps that will increase rates above those recommended. Calibrate application equipment prior to use, according to manufacturer's directions.

#### WEEDS CONTROLLED

##### Common Name

##### Scientific Name

2.5 - 3.75 lb/A SNAPSHOT 80 DRY FLOWABLE  
(0.92 - 1.38 ounces per 1000 sq. ft.)

|                         |                        |
|-------------------------|------------------------|
| Aster, slender          | Aster exilis           |
| Barnyardgrass           | Echinochloa crus-galli |
| Bluegrass, annual       | Poa annua              |
| Bursage, annual         | Ambrosia acanthicarpa  |
| Celery, wild            | Apium leptophyllum     |
| Chickweed, common       | Stellaria media        |
| Clover spp.             | Trifolium spp.         |
| Crabgrass               | Digitaria spp.         |
| Cudweed, purple         | Gnaphalium purpureum   |
| Cupgrass, southwestern  | Eriochloa garcilis     |
| Fiddleneck, coast       | Amsinckia intermedia   |
| Filaree, redstem        | Erodium cicutarium     |
| Fleabane, hairy         | Conyza bonariensis     |
| Fleabane, dwarf         | Conyza ramosissima     |
| Foxtail, yellow         | Setaria glauca         |
| Groundcherry, lanceleaf | Physalis lanceifolia   |
| Groundsel, common       | Senecio vulgaris       |
| Henbit                  | Lamium amplexicaule    |
| Horseweed               | Conyza canadensis      |
| Junglerice              | Echinochloa colonum    |

Knotweed, prostrate  
 Lambsquarters, common  
 Mallow, little  
 Morningglory, tall  
 Mustard, Indian  
 Mustard, wild  
 Nightshade, black  
 Oat, wild  
 Panicum, fall  
 Pepperweed, Virginia  
 Pigweed  
 Pineappleweed  
 Plantain, slender  
 Purslane, common  
 Radish, wild  
 Ragweed, common  
 Rocket, London  
 Rockpurslane, desert  
 Ryegrass, Italian  
 Sheperdspurse  
 Sibara  
 Smartweed, Pennsylvania  
 Sowthistle, annual  
 Speedwell, purslane  
 Sprangletop, Mexican  
 Spurge, spotted  
 Telegraphplant  
 Thistle, Russian  
 Velvetleaf  
 Witchgrass

Polygonum aviculare  
 Chenopodium album  
 Malva parviflora  
 Ipomea purpurea  
 Brassica juncea  
 Sinapis arvensis  
 Solanum nigrum  
 Avena fatua  
 Panicum dichotomiflorum  
 Lepidium virginicum  
 Amaranthus spp.  
 Matricaria matricarioides  
 Plantago elongata  
 Portulaca oleracea  
 Raphanus raphanistrum  
 Ambrosia artemisiifolia  
 Sisymbrium irio  
 Calandrinia ciliata  
 Lolium multiflorum  
 Capsella bursa-pastoris  
 Sibara virginica  
 Polygonum pensylvanicum  
 Sonchus oleraceus  
 Veronica peregrina  
 Leptochloa uninervia  
 Euphorbia maculata  
 Heterotheca grandiflora  
 Salsola iberica  
 Abutilon theophrasti  
 Panicum capillare

3.75 - 5.0 lb/A SNAPSHOT 80 DRY FLOWABLE  
 (1.38 - 1.84 ounces per 1000 sq. ft.)

Aster, heath  
 Carrot, wild  
 Dandelion  
 Foxtail, giant  
 Galinsoga, hairy  
 Geranium, Carolina  
 Lettuce, prickly  
 Lovegrass  
 Mallow, dwarf  
 Marestalk  
 Plantain, broadleaf  
 Sida, prickly  
 Sweetclover, yellow  
 Woodsorrel, yellow

Aster ericoides  
 Daucus carota  
 Taraxacum officinale  
 Setaria faberi  
 Galinsoga ciliata  
 Geranium carolinianum  
 Lacutca serriola  
 Eragrostis spp.  
 Malva rotundifolia  
 Hippuris vulgaris  
 Plantago major  
 Sida spinosa  
 Melilotus officinalis  
 Oxalis stricta

5.0 lb/A SNAPSHOT 80 DRY FLOWABLE  
(1.84 ounces per 1000 sq. ft.)

|                        |                        |
|------------------------|------------------------|
| Barley, bare           | Hordeum leporinum      |
| Bromegrass             | Bromus spp.            |
| Burclover, California  | Medicago polymorpha    |
| Datura                 | Datura spp.            |
| Dock, curly            | Rumex crispus          |
| Eveningprimrose        | Oenothera spp.         |
| Fescue, rattail        | Vulpia myuros          |
| Goosefoot, nettleleaf  | Chenopodium murale     |
| Jimsonweed             | Datura stramonium      |
| Knotweed, silversheath | Polygonum argyrocoleon |
| Kochia                 | Kochia scoparia        |
| Medic, black           | Medicago lupulina      |
| Mullein, turkey        | Eremocarpus setigerus  |
| Nettle, burning        | Urtica urens           |
| Oxtongue, bristly      | Picris echioides       |
| Pimpernel, scarlet     | Anagallis arvensis     |
| Sowthistle, spiny      | Sonchus asper          |
| Spurge, petty          | Euphorbia peplus       |
| Sunflower              | Helianthus spp.        |
| Swinecress             | Coronopus didymus      |
| Willoweed, panicle     | Epilobium paniculatum  |
| Woodsorrel, creeping   | Oxalis corniculata     |

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LANDSCAPE ORNAMENTALS, CONTAINER GROWN ORNAMENTALS, GROUND COVERS,  
NURSERY STOCK, NON-BEARING FRUIT AND NUT CROPS, AND NON-BEARING  
VINEYARDS

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SNAPSHOT 80 DRY FLOWABLE is recommended as a preemergence treatment for control of certain broadleaf weeds and annual grasses in landscape ornamentals, container grown ornamentals, ground covers, nursery stock, non-bearing fruit and nut crops and non-bearing vineyards. Apply SNAPSHOT in late summer to early fall or in early spring, prior to germination of target weeds, or immediately after cultivation.

Refer to the GENERAL INFORMATION section of this label for GENERAL USE PRECAUTIONS and information on MIXING AND APPLICATION, APPLICATION RATES and WEEDS CONTROLLED.

**PRECAUTIONS FOR ORNAMENTALS AND NON-BEARING CROPS**

Do not apply SNAPSHOT to newly transplanted ornamentals, nursery stock, ground covers, non-bearing fruit and nut crops and non-bearing vineyards until soil has been settled by irrigation or rainfall and no cracks are present, as crop injury may occur. Non-bearing fruit

and nut trees, grapevines, and nursery stock are plants which will not bear fruit for at least one year after treatment. In field grown ornamentals where loss of stand has occurred, use only untreated soil as fill around roots when replanting. Do not apply to ground covers until they are established and well rooted. If weeds emerge due to lack of rainfall or irrigation, shallow cultivate (1-2 inches) to destroy existing weeds or remove by hand.

Users who wish to use SNAPSHOT on ornamental species or nonbearing fruit trees not listed on this label may determine suitability for such uses by making trial application of SNAPSHOT at a recommended rate to a small number of plants. Prior to using SNAPSHOT on a larger number of plants, the treatment should be observed for signs of herbicidal injury for 3 to 6 months to determine if the treatment is safe to the target plant species. **THE USER ASSUMES RESPONSIBILITY FOR ANY CROP DAMAGE OR OTHER LIABILITY RESULTING FROM USE OF SNAPSHOT ON ORNAMENTAL PLANT SPECIES NOT RECOMMENDED ON THIS LABEL.**

Certain species of bedding plants have shown sensitivity to SNAPSHOT. Until additional research to determine bedding plant tolerance to SNAPSHOT is concluded, application of SNAPSHOT should be avoided on bedding plants or where bedding plants will be planted or transplanted for one year.

Do not apply SNAPSHOT to the following species when field grown or container grown: Bugle (*Ajuga* spp.), Candytuft (*Iberis* spp.), Mustards (*Brassica* spp.), Stonecrop (*Sedum* spp.), and Spurge (*Euphorbia* spp.).

SNAPSHOT is compatible and may be tank mixed with other herbicides registered for use on landscape ornamentals, container grown ornamentals, ground covers, nursery stock, non-bearing fruit and nut crops and non-bearing vineyards. Applied as directed, SNAPSHOT tank mixes will provide control of susceptible weed species listed on the respective labels. All directions, precautions and limitations on the respective product labels apply to the tank mix use.

**SNAPSHOT MAY BE USED ON THE FOLLOWING ESTABLISHED PLANT SPECIES**

Note: Limitations on recommended treatment methods

**TREES**

| Scientific Name/Variety Name       | Recommended Treatment Method: C = Container Grown; F = Field Grown (F/C) |
|------------------------------------|--|
| <i>Abies concolor</i><br>White fir | F  |

|                                     |   |
|-------------------------------------|---|
| <i>Abutilon hybridum</i>            |   |
| <i>Vesuvius</i> Red-Flowering maple | F |
| <i>Luteus</i> -Flowering maple      | F |
| <i>Albus</i> -Flowering maple       | F |
| <i>Roseus</i> -Flowering maple      | F |
| Tangerine-Flowering maple           | F |
| <i>Acer saccharinum</i>             |   |
| Silver maple                        | F |
| <i>Betula papyrifera</i>            |   |
| Paper birch                         | F |
| <i>Betula nigra</i>                 |   |
| River birch                         | F |
| <i>Ceratonia siliqua</i>            |   |
| Carob                               | F |
| <i>Chamaecyparis obtusa</i> spp.    |   |
| <i>Gracilis</i> Hinoki cypress      | F |
| <i>Filicoides</i> Fernpray cypress  | F |
| <i>Chamaecyparis pisifera</i>       |   |
| Sawara false cypress                | F |
| <i>Chamaedorea cataractarum</i>     |   |
| Palm                                | F |
| <i>Chamaedorea costaricinia</i>     |   |
| Palm                                | F |
| <i>Chamaedorea elegans</i>          |   |
| Palm                                | F |
| <i>Cornus florida</i>               |   |
| Flowering dogwood                   | F |
| <i>Cupressus arizonica</i>          |   |
| Arizona cypress                     | F |
| <i>Elaeagnus angustifolia</i>       |   |
| Russian olive                       | F |
| <i>Eucalyptus camaldulensis</i>     |   |
| Redgum Eucalyptus                   | F |
| <i>Eucalyptus cinerea</i>           |   |
| Silver Dollar Eucalyptus            | F |
| <i>Eucalyptus sideroxylon</i>       |   |
| Red Ironbark Eucalyptus             | F |
| <i>Ginkgo biloba</i>                |   |
| Ginkgo-maidenhair tree              | F |
| <i>Gleditsia triacanthus</i>        |   |
| Honey Locust                        | F |
| <i>Heteromeles arbutiflora</i>      |   |
| Toyon                               | F |
| <i>Liquidambar styraciflua</i>      |   |
| American Sweet Gum                  | F |
| <i>Morus alba</i>                   |   |
| White mulberry                      | F |
| <i>Picea abies</i>                  |   |
| Norway spruce                       | F |
| <i>Picea glauca conica</i>          |   |
| Dwarf Alberta spruce                | F |

|                                     |   |
|-------------------------------------|---|
| <i>Picea pungens</i> spp.           |   |
| <i>Glauca</i> -Colorado Blue spruce | F |
| Hoopsii-Hoop's Blue spruce          | F |
| Koster-Koster Blue spruce           | F |
| <i>Pinus aristata</i>               |   |
| Bristlecone pine                    | F |
| <i>Pinus canariensis</i>            |   |
| Canary Island pine                  | F |
| <i>Pinus contorta</i>               |   |
| Shore pine, Beach pine              | F |
| <i>Pinus eldarica</i>               |   |
| Eldarica pine                       | F |
| <i>Pinus radiata</i>                |   |
| Monterey pine                       | F |
| <i>Pinus strobus</i>                |   |
| White pine                          | F |
| <i>Pinus sylvestris</i>             |   |
| Scotch pine                         | F |
| <i>Pinus thunbergiana</i>           |   |
| Japanese Black pine                 | F |
| <i>Platanus racemosa</i>            |   |
| California sycamore                 | F |
| <i>Podocarpus</i> spp.              |   |
| Podocarpus                          | F |
| <i>Quercus ilicifolia</i>           |   |
| Bear oak                            | F |
| <i>Quercus palustris</i>            |   |
| Pin oak                             | F |
| <i>Quercus phellos</i>              |   |
| Willow oak                          | F |
| <i>Salix babylonica</i>             |   |
| Babylon weeping willow              | F |
| <i>Sequoiadendron giganteum</i>     |   |
| Giant sequoia                       | F |
| <i>Tsuga canadensis</i>             |   |
| Canada Hemlock                      | F |
| <i>Ulmus parvifolia</i>             |   |
| Chinese elm                         | F |

ORNAMENTAL SHRUBS

Recommended Treatment  
Method: C = Container  
Grown; F = Field Grown  
(F/C)

Scientific Name/Variety Name \_\_\_\_\_

|                        |   |
|------------------------|---|
| <i>Acacia redolens</i> |   |
| Prostrate acacia       | F |
| <i>Agave americana</i> |   |
| Century plant          | F |

1518-0

|                                     |     |
|-------------------------------------|-----|
| <i>Baccharis pilularis</i>          |     |
| Coyotebush                          | F   |
| <i>Berberis thunbergii</i>          |     |
| Crimson Pygmy barberry              | F   |
| Aurea Golden Japanese barberry      | F   |
| Atropurea-Redleaf Japanese barberry | F   |
| <i>Bougainvillea</i> spp.           |     |
| Scarlet O'Hara, California Gold,    |     |
| Texas Dawn & Barbara Karst          | F   |
| <i>Buxus microphylla japonica</i>   |     |
| Japanese boxwood                    | F   |
| <i>Buxus sempervirens</i>           |     |
| Common, Dwarf boxwood               | F   |
| <i>Callistemon citrinus</i>         |     |
| Lemon Bottlebrush                   | F   |
| <i>Ceanothus</i> spp.               |     |
| Wild lilac                          | F   |
| <i>Chamaecyparis obtusa</i> spp.    |     |
| Kosteri cypress                     | F   |
| Torulosa cypress                    | F   |
| Nana-Dwarf Hinoki cypress           | F   |
| <i>Chamaecyparis pisifera</i> spp.  |     |
| Filifera-Thread cypress             | F   |
| Squarrosa Minima cypress            | F   |
| <i>Cotoneaster adpressus</i>        |     |
| Praecox-Early cotoneaster           | F   |
| <i>Cotoneaster apiculatus</i>       |     |
| Cranberry cotoneaster               | C,F |
| <i>Cotoneaster congestus</i>        |     |
| Pyrenees cotoneaster                | F   |
| <i>Cotoneaster dammeri</i>          |     |
| Bearberry cotoneaster               | F   |
| <i>Cotoneaster Himalayan</i>        |     |
| Himalayan cotoneaster               | F   |
| <i>Cotoneaster horizontalis</i>     |     |
| Rock cotoneaster                    | C,F |
| <i>Cornus alba</i>                  |     |
| Sibirica-Siberian dogwood           | F   |
| <i>Cornus stolonifera</i>           |     |
| Flaviramea-dogwood                  | F   |
| <i>Cytisus</i> spp.                 |     |
| Lena-Scotch Broom                   | F   |
| Holandia-Scotch Broom               | F   |
| <i>Deutzia crenata nakiana</i>      |     |
| Dwarf deutzia                       | F   |
| <i>Deutzia gracilis</i>             |     |
| Slender deutzia                     | F   |
| <i>Dodonea viscosa</i>              |     |
| Hopseed bush                        | F   |

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|                                 |     |
|---------------------------------|-----|
| Euonymus fortunei               |     |
| Canadale Gold-euonymus          | F   |
| Emerald'N Gold-euonymus         | F   |
| Euonymus japonica               |     |
| Silver King-euonymus            | F   |
| Euonymus kiatschovica           |     |
| Spreading euonymus              | F   |
| Forsythia intermedia            |     |
| Forsythia                       | F   |
| Gardenia jasminoides            |     |
| Gardenia                        | F   |
| Genista pilosa                  |     |
| Woadwaxen                       | F   |
| Hemerocallis spp.               |     |
| Day lily                        | F   |
| Hibiscus rosa-sinensis          |     |
| Ross Estey-hibiscus             | F   |
| Hibiscus syriacus               |     |
| Rose of Sharon-Red Bird         | F   |
| Rose of Sharon-Woodbridge       | F   |
| Rose of Sharon-Red Heart        | F   |
| Hosta lancifolia                |     |
| Albo-marginata-hosta            | C,F |
| Ilex aquifolium                 |     |
| Balkans-holly                   | F   |
| Gold Coast-holly                | F   |
| Ilex aquipernyi                 |     |
| San Jose holly                  | C,F |
| Ilex cornuta                    |     |
| Dwarf Burford holly             | C,F |
| Ilex crenata                    |     |
| Convexa-holly                   | C,F |
| Compacta-Dwarf Japanese holly   | C,F |
| Helleri-Heller's Japanese holly | C,F |
| Ilex glabra                     |     |
| Nordica-Inkberry holly          | F   |
| Ilex meserveae                  |     |
| Blue Girl-holly                 | F   |
| Blue Boy-holly                  | F   |
| Ebony Mag'c-holly               | F   |
| Ilex vomitoria                  |     |
| Nana-Dwarf Yaupon-holly         | F   |
| Pendula-Weeping yaupon holly    | F   |
| Juniperus chinensis             |     |
| Media-Old Gold-juniper          | C,F |
| Juniperus conferta              |     |
| Emerald Sea Shore-juniper       | F   |
| Juniperus horizontalis          |     |
| Huntington Blue-juniper         | C,F |
| Prince of Wales-juniper         | C,F |
| Wiltonii-Blue Rug-juniper       | C,F |

|                                    |     |
|------------------------------------|-----|
| Juniperus procumbens               |     |
| Nana-Dwarf Japanese Garden-juniper | C,F |
| Juniperus prostrata                |     |
| Prostrata-juniper                  | C,F |
| Juniperus sabina                   |     |
| Broadmoor-juniper                  | F   |
| Tamariscifolia-Tam-juniper         | F   |
| Foemina-Hicks-juniper              | F   |
| Juniperus scopulorum               |     |
| Emerald Green-juniper              | F   |
| Juniperus squamata                 |     |
| Blue-juniper                       | F   |
| Blue Star-juniper                  | F   |
| Parsonii-juniper                   | F   |
| Lagerstroemia indica               |     |
| Crape myrtles                      | F   |
| Ligustrum spp. (Privet)            |     |
| L. japonicum                       |     |
| Japanese privet                    | C,F |
| Yellow tip ligustrum               | C,F |
| L.j. texanum                       |     |
| Wax leaf privet                    | F   |
| Howardi privet                     | F   |
| Ligustrum ovalifolium              |     |
| California privet                  | F   |
| Ligustrum x vicaryi                |     |
| Golden privet                      | F   |
| Liriope gigantea                   |     |
| White lily turf                    | F   |
| Liriope muscari                    |     |
| Majestic-Lily turf                 | C,F |
| Lilac beauty                       | C,F |
| Silver sunproof-Lily turf          | C,F |
| Monroe White-Lily turf             | C,F |
| Varigated liriope-Lily turf        | C,F |
| Lonicera fragrantissima            |     |
| Winter honeysuckle                 | F   |
| Lonicera japonica                  |     |
| Japanese honeysuckle               | F   |
| Lonicera periclymenum              |     |
| Flowering woodbine                 | F   |
| Serotina-woodbine                  | F   |
| Lonicera sempervirens              |     |
| Trumpet honeysuckle                | F   |
| Nandina domestica                  |     |
| Heavenly bamboo                    | C,F |
| Compacta-Dwarf Heaven Bamboo       | C,F |
| Nana compacta, Nana purpurea       | C,F |
| Harbor dwarf-bamboo                | C,F |
| Woods dwarf-bamboo                 | C,F |

|   |     |
|---|-----|
| <i>Nerium oleander</i>                      |     |
| Oleander                                    | F   |
| Hardy red-oleander                          | F   |
| Ruby lace-oleander                          | F   |
| <i>Pachysandra terminalis</i>               |     |
| Japanese spurge                             | F   |
| <i>Photina fraseri</i>                      |     |
| Fraser's photina                            | F   |
| <i>Picea abies</i>                          |     |
| Pendula-Weeping Norway spruce               | F   |
| Repens-Spread Norway spruce                 | F   |
| <i>Pieris japonica</i>                      |     |
| Temple Bells-Lily of the Valley             | F   |
| Valley Rose-Lily of the Valley              | F   |
| Snowdrift-Hybrid of <i>P. japonicus</i>     | F   |
| Lily of the Valley                          | F   |
| <i>Pittosporum tobira</i>                   |     |
| Tobira-Wheeler's dwarf                      | F   |
| Tobira-Green pittosporum                    | F   |
| <i>Plumbago ariculata</i>                   |     |
| Blue cape plumbago                          | F   |
| <i>Potentilla fragiformis</i>               |     |
| Cinquefoil                                  | F   |
| <i>Potentilla fruticosa</i>                 |     |
| Cinquefoil                                  | C,F |
| <i>Pyracantha</i> (firethorn)               |     |
| Monon-pyracantha                            | F   |
| Rutgers hybrid-pyracantha                   | F   |
| Lalendel Monrovia-pyracantha                | F   |
| Victory-pyracantha                          | F   |
| Red elf hybrid-pyracantha                   | F   |
| Santa Cruz-pyracantha                       | F   |
| <i>Raphiolepis indica</i>                   |     |
| Charisma-Monruce-raphiolepis                | F   |
| Enchantress-Moness-raphiolepis              | F   |
| Springtime-Monne                            | F   |
| <i>Raphiolepis ovata</i>                    |     |
| Round-leaf raphiolepis                      | F   |
| <i>Rhododendron</i> spp. (including azalea) |     |
| <i>R. calendulaceum</i>                     |     |
| Flame azalea                                | F   |
| <i>R. indica</i>                            |     |
| Formosa azalea                              | C,F |
| Waucabusa azalea                            | C,F |
| <i>R. kerume</i>                            |     |
| Coral Bells azalea                          | C,F |
| Hino Crimson azalea                         | C,F |
| Hino pink azalea                            | C,F |
| Snow azaleas                                | C,F |

|                                 |     |
|---------------------------------|-----|
| R. satuski                      |     |
| Gumpo Pink azalea               | F   |
| Higasa azalea                   | F   |
| R. spp. hybrids                 |     |
| Carror azalea                   | C,F |
| Girard Roberta azalea           | F   |
| Golden flare exbury azalea      | F   |
| R. campylocarpum                |     |
| Butterfly R.                    | F   |
| R. carolinianum                 |     |
| Carolina R.                     | C,F |
| R. Carolinianum x daurium       |     |
| PJM R.                          | F   |
| R. catawbiense                  |     |
| Catawba R.                      | C,F |
| Catawba album R.                | C,F |
| Lord Robert R.                  | C,F |
| Rocket R.                       | C,F |
| Roseum elegans R.               | C,F |
| R. caucasicum x ponticum        |     |
| Cunningham White R.             | F   |
| R. forrestii x griersonianum    |     |
| Elizabeth R.                    | F   |
| R. griffithianum                |     |
| Jean Marie R.                   | F   |
| R. impletum                     |     |
| Rhododendron                    | F   |
| R. maximum                      |     |
| Rhodie max (Rosebay)            | C,F |
| R. mucronulatum                 |     |
| Rhododendron                    | F   |
| R. ponticum                     |     |
| Chionoides R.                   | F   |
| Daphnoides                      | F   |
| R. sassthigiatim x carolinianum |     |
| Ramapo R.                       | F   |
| R. hybrid spp.                  |     |
| America R.                      | F   |
| English Roseum R.               | F   |
| Nova Zembla R.                  | F   |
| Scintillation R.                | F   |
| Rosa rugosa                     |     |
| Ramanas rose                    | F   |
| Rosmarinus officinalis          |     |
| Rosemary                        | F   |
| Spiraea vanhouttii              |     |
| Bridal wreath                   | F   |
| Thuja occidentalis              |     |
| Emerald arborvitae              | F   |
| Little Giant-Dwart arborvitae   | F   |
| Nigra-Dark American arborvitae  | F   |
| Pyramidalis arborvitae          | F   |
| Rheingold arborvitae            | F   |
| Woodwardii arborvitae           | F   |
| Globosa-Globe arborvitae        | F   |

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|--|---|
| <i>Thuja orientalis</i>                    |   |
| <i>Aurea nana</i> -Dwarf Golden arborvitae | F |
| <i>Minima glauca</i> -Dwarf arborvitae     | F |
| <i>Viburnum davidii</i>                    |   |
| David viburnum                             | F |
| <i>V. japonicum</i>                        |   |
| Viburnum                                   | F |
| <i>V. opulus sterile</i>                   |   |
| Eastern snowball-V.                        | F |
| <i>V. plicatum tomentosum</i>              |   |
| Mariesii viburnum                          | F |
| <i>Virbunum x pragense</i>                 |   |
| Virbunum                                   | F |
| <i>V. setigerum</i>                        |   |
| Tea V.                                     | F |
| <i>V. tinus compactum</i>                  |   |
| Spring bouquet-V.                          | F |
| <i>V. tribolium compactum</i>              |   |
| Dwarf Cranberry bush V.                    | F |
| <i>Wiegela florida</i>                     |   |
| Java Red, Bristol Ruby, Minuet             | F |
| <i>Xylosma congestum</i>                   |   |
| Xylosma                                    | F |

GROUND COVERS

| Scientific Name/Variety Name    | Recommended Treatment<br>Method: C = Container<br>Grown; F = Field Grown<br>(F/C) |
|---------------------------------|---|
| <i>Arctotheca calendula</i>     |   |
| Cape weed or Cape marigold      | F   |
| <i>Carpobrotus edulis</i>       |   |
| Largeleaf iceplant              | F   |
| <i>Cortaderia selloana</i>      |   |
| Pampas grass                    | F   |
| <i>Delosperma alba</i>          |   |
| White iceplant                  | F   |
| <i>Drosanthemum floribundum</i> |   |
| Trailing rosea iceplant         | F   |
| <i>Gazania spp.</i>             |   |
| Gazania                         | F   |
| <i>Hedera canariensis</i>       |   |
| Algerian ivy                    | F   |
| <i>Hedera helix</i>             |   |
| English ivy                     | F   |
| <i>Hypericum spp.</i>           |   |
| St. johnswort                   | F   |
| <i>Lampranthus spectabilis</i>  |   |
| Red trailing iceplant           | F   |
| <i>Ophiopogon japonicus</i>     |   |
| Mondo grass, lily turf          | F   |

NON-BEARING NURSERY STOCK; NON-BEARING ORCHARDS AND VINEYARDS

| Scientific Name/Variety Name | Recommended Treatment Method: C = Container Grown; F = Field Grown (F/C) |
|------------------------------|--|
| Almond                       | F  |
| Apple                        | F  |
| Cherry, sweet                | F  |
| Grape, American              | F  |
| Grape, European              | F  |
| Grapefruit                   | F  |
| Nectarine                    | F  |
| Olive                        | F  |
| Orange, sweet                | F  |
| Peach                        | F  |
| Pear                         | F  |
| Pecan                        | F  |
| Plum                         | F  |
| Pomegranate                  | F  |

Non-bearing fruit and nut trees, grape vines and nursery stock are those plants which will not bear fruit for at least one year.

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NONCROPLAND AREAS: INDUSTRIAL SITES, UTILITY SUBSTATIONS, HIGHWAY GUARDRAILS, SIGN POSTS, AND DELINEATORS

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SNAPSHOT 80 DRY FLOWABLE is recommended as a preemergence treatment for control of certain broadleaf weeds and annual grasses on industrial sites, utility substations, highway guardrail, sign posts and delineators. Apply SNAPSHOT in late summer to early fall or in early spring, prior to germination of target weeds. Areas to be treated should be free of established weeds or existing weeds should be controlled with postemergence herbicides.

Refer to the GENERAL INFORMATION section of this label for GENERAL USE PRECAUTIONS and information on MIXING AND APPLICATION, APPLICATION RATES, and WEEDS CONTROLLED.

SNAPSHOT is compatible and may be tank mixed with other herbicides registered for use on noncropland. Applied as directed, SNAPSHOT tank mixes will provide control of susceptible weed species listed on the respective labels. All directions, precautions and limitations on the respective product labels apply to the tank mix use.

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Lilly Corporate Center  
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