



Howard Johnson's

PENDIMETHALIN 0.86% PLUS

0.86% Pendimethalin Plus Fertilizer FOR USE ON TURFGRASSES, ORNAMENTAL PLANTINGS, AND GROUND COVERS AS LISTED.

ACTIVE INGREDIENT: Pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 0.86% OTHER INGREDIENTS: 99.14% TOTAL: 100.00% (50 pounds of this product contains 0.43 pound of the active ingredient, Pendimethalin)
EPA Reg. No. 19713-615-32802
EPA Est. No. 59144-GA-1 (A), 32802-MO-1(B), 37351-CO-1 (C)

Distributed for: **Howard Johnson's Enterprises, Inc.**
9675 S 60th Street, Franklin, WI 53132

KEEP OUT OF REACH OF CHILDREN CAUTION

SEE FIRST AID BELOW

FIRST AID
IF SWALLOWED: • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious or convulsing person.
IF ON SKIN OR CLOTHING: • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES: • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • 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 further treatment advice
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call

FOR CHEMICAL SPILL, LEAK, FIRE OR EXPOSURE CALL CHEMTREC: 1-800-424-9300

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE): Some materials that are chemical-resistant to this product are any waterproof material (refer to Category A on an EPA chemical-resistance selection chart).

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks, and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

GUARANTEED ANALYSIS

0-0-07

Soluble Potash (K₂O) 7%

Derived From: Muriate of Potash

Chlorine (Cl), not more than 6%

F315

Bulk Density 79

Item Number FGB59357
100207174

Net Weight 50 lbs (22.70 kg)

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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 product is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwater.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This labeling must be in possession of the applicator at the time of pesticide application. 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. Keep children and pets out of the treated area until dusts have settled. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product in greenhouses, shadehouses or other enclosed structures. Not for use in commercial seed production. Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and Restricted Entry Interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry into treated areas during the REI of 24 hours. PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves made of any waterproof material, and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to use of this product that are not within the scope of the WPS for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter the treated area until dusts have settled.

Failure to follow the directions for use and the precautions on this label may result in poor weed control, crop injury, or illegal residues.

TURFGRASSES

PENDIMETHALIN 0.86% PLUS is a combination preemergent herbicide with fertilizer formulated to provide control of most annual grass weeds and certain broadleaf weeds found in Turfgrass grown in golf courses, lawns in residential, commercial establishments, or grounds around military or other institutions, sod farms, parks, airports, school or cemeteries, prairiegrass areas, athletic fields or recreational areas, roadsides, pipe yards, industrial, unimproved Turf areas, and other sites where Turf may be maintained. This product is labeled for use on the following Turfgrass species: Kentucky bluegrass, Perennial ryegrass, Fine fescue, Tall fescue, Bentgrass (except putting greens and tees), *Poa annua* (except putting greens and tees), Bermudagrass, St. Augustinegrass, Bahiagrass, Centipedegrass, Zoysiagrass, and blends of these grasses. This product controls weeds as their seeds germinate, but will not control established weeds. Use a postemergent herbicide, such as 2,4-D or MSMA, to control established weeds. Consult all herbicide label directions for proper use and precautions. Applied according to label directions and under normal growing conditions, this product will not cause Turf injury. Over application can result in Turf stand loss, Turf injury, or soil residues. Uneven application can decrease weed control or cause Turf injury. Seedling diseases, cold weather, excessive moisture, high soil pH, soil salt concentration, or drought can weaken Turfgrass and increase the possibility of Turf damage from this product. Unusually cold, excessively wet, or hot and dry conditions that delay germination or extend germination over a long period of time can reduce weed control. This product can be used around established Ornamentals and in established Wildflower plantings. This product may be used for hardwood and conifer regeneration on conservation reserve program land.

APPLICATION

Apply this product uniformly at the listed rate using a properly calibrated spreader (see table below for approximate settings). Avoid overlaps that will increase rates above those listed. The efficacy of this product will be improved if the application is followed by one-half inch of rainfall or its equivalent in sprinkler irrigation. This will remove the product from the Turfgrass foliage and establish a preemergent herbicide barrier in the soil. If this product is not activated by rainfall or irrigation within 30 days of application, erratic weed control may result. Avoid contact of this product with porous surfaces such as driveways, stone, or wood. Removing particles will help prevent staining. This product provides preemergence control of the weed species listed. Applications can be made around and over the top of the Ornamentals and to the sites listed on this label.

MAXIMUM APPLICATION RATE BY USE SITES

Use Site	This Product/A (Lbs.)	This Product/ 1,000 sq. ft.(Lbs.)	Pounds a.i./A
Residential* and Sod farm turf	233	5.3	2.0
Golf course, Commercial and other Non-residential	349	8.0	3.0

* Residential is defined as turf in any residential situation as well as home lawns, schools, parks and playgrounds.

TABLE OF EQUIVALENTS:

This Product Per Acre(Lbs.)	This Product Per 1,000 Sq. Ft.(Lbs.)
116	2.6
175	4.0
233	5.3
349	8.0

GRASS WEEDS		BROADLEAVED WEEDS	
Common Name	Scientific Name	Common Name	Scientific Name
Barnyardgrass	<i>Echinochloa crus-galli</i>	Burweed, Lawn	<i>Soliva pterosperna</i>
Bluegrass, Annual	<i>Poa annua</i>	Carpetweed	<i>Mollugo verticillata</i>
Crabgrass	<i>Digitaria spp.</i>	Chickweed, Common	<i>Stellaria media</i>
Crowfootgrass	<i>Dactyloctenium aegyptium</i>	Chickweed, Mouseear	<i>Cerastium vulgatum</i>
Foxtail, Giant	<i>Setaria faberi</i>	Clover, Hop	<i>Trifolium procumbens</i>
Foxtail, Green	<i>Setaria viridis</i>	Cudweed	<i>Gnaphalium spp.</i>
Foxtail, Yellow	<i>Setaria glauca</i>	Evening primrose	<i>Oenothera biennis</i>
Goosegrass	<i>Eleusine indica</i>	Fiddleneck	<i>Amsinckia intermedia</i>
Itchgrass	<i>Rottboellia exaltata</i>	Filaree	<i>Erodium spp.</i>
Johnsongrass (from seed)	<i>Sorghum halepense</i>	Henbit	<i>Lamium amplexicaule</i>
Junglerice	<i>Echinochloa colona</i>	Knotweed, prostrate	<i>Polygonum aviculare</i>
Lovegrass (from seed)	<i>Eragrostis spp.</i>	Kochia	<i>Kochia scoparia</i>
Panicum, Browntop	<i>Panicum fasciculatum</i>	Lambsquarters	<i>Chenopodium album</i>
Panicum, Fall	<i>Panicum dichotomiflorum</i>	Pigweed	<i>Amaranthus spp.</i>
Panicum, Texas	<i>Panicum texanum</i>	Puncturevine	<i>Tribulus terrestris</i>
Sandbur, Field	<i>Cenchrus incertus</i>	Purslane	<i>Portulaca oleracea</i>
Signalgrass	<i>Bracharia platyphylla</i>	Pusley, Florida	<i>Richardia scabra</i>
Sprangletop, Mexican	<i>Leptochloa uninerxia</i>	Rocket, London	<i>Sisymbrium irio</i>
Sprangletop, Red	<i>Leptochloa filiformis</i>	Shepherdspurse	<i>Capsella bursa-pastoris</i>
Witchgrass	<i>Panicum capillare</i>	Smartweed, Pennsylvania	<i>Polygonum pensylvanicum</i>
Woolly Cupgrass	<i>Erochloa villosa</i>	Speedwell, Corn	<i>Veronica arvensis</i>
		Spurge, Annual	<i>Euphorbia spp.</i>
		Spurge, Prostrate	<i>Euphorbia numistrata</i>
		Woodsorrel, Yellow	<i>Oxalis stricta</i>
		Velvetleaf (Buttonweed)	<i>Abutilon theophrasti</i>

USE PRECAUTIONS

- Avoid application when wind conditions may cause drift.
- Use on well established Turfgrass with a dense and uniform stand. On newly planted areas, applications should not be made until the Turfgrass has filled in and has been mowed at least four times. On Turf that has been thinned or damaged due to Winter injury, excessive moisture, etc., allow for Turf recovery prior to making an application.
- Applications made to overseeded warm-season Turfgrasses may cause thinning or injury of the overseeded species.
- Do not use on Bentgrass or *Poa annua* greens and tees or injury may occur.
- Delay reseeding or Winter overseeding of treated Turfgrass for at least three (3) months following the last application of this product. Delay sprigging Turfgrass for five (5) months after application.

INDUSTRIAL (UNIMPROVED) TURF

Industrial, or unimproved Turf areas often have a different spectrum of weeds to be controlled than those found in fine Turf as described elsewhere in this label. This product will control Annual grasses and Broadleaved weeds mentioned in that section of this label as well as the following weeds that might germinate in established grasses in rights-of-way, roadsides, construction sites, parks, substations, lots, or similar areas: Crowfootgrass, Itchgrass, Johnsongrass (from seed), Junglerice, Lovegrass (from seed), Browntop Panicum, Texas Panicum, Field Sandbur, Signalgrass, Mexican Sprangletop, Red Sprangletop, Witchgrass, Woolly Cupgrass, Carpetweed, Fiddleneck, Filaree, Kochia, Lambsquarters, Pigweed, Puncturevine, Florida Pusley, London Rocket, Shepherdspurse, Pennsylvania Smartweed, Annual Spurge, and Velvetleaf. Apply before weeds germinate. A postemergence herbicide such as 2,4-D, MSMA, or

TURFGRASSES (Residential, Golf course, Commercial, Other Non-residential Turfgrass Uses) For Preemergence Weed Control

TURFGRASS SPECIES	WEEDS CONTROLLED	APPLICATION RATES*	COMMENTS
Cool Season Grasses Kentucky bluegrass bluegrass Perennial ryegrass ryegrass Fine fescue Tall fescue	Crabgrass Foxtail <i>Poa annua</i> Barnyardgrass Fall panicum <i>Oxalis</i> Prostrate spurge Purslane Knotweed Evening primrose Hop clover	All Turf Uses: 175 to 233 pounds per acre as the initial application prior to weed germination in the Spring.	Apply a repeat application of 116 to 175 pounds per acre after 5 to 8 weeks for extended control or where heavy weed infestations are expected.
Goosegrass		Residential** and Sod Turf Uses Only: 175 to 233 pounds per acre in the Spring prior to weed germination.	Apply a repeat application of 116 pounds per acre after 5 to 8 weeks if the lower rate was used initially or for extended Goosegrass control
Goosegrass		Golf course, Commercial, Non-residential Turf Uses Only: 175 to 349 pounds per acre in the Spring prior to weed germination.	Apply a repeat application of 116 pounds per acre after 5 to 8 weeks if the lower rate was used initially or for extended Goosegrass control.
Cudweed <i>Poa annua</i> Chickweed Lawn burweed Henbit Corn speedwell		All Turf Uses: 175 to 233 pounds per acre.	Apply in late Summer or early Fall prior to weed germination. Apply a repeat application of 175 to 233 pounds per acre after 5 to 8 weeks for extended <i>Poa annua</i> control.
Bentgrass or established <i>Poa annua</i> *** (one-half inch or taller. Not for use on greens and tees.)	Crabgrass Foxtail <i>Poa annua</i> Barnyardgrass Fall panicum <i>Oxalis</i> Prostrate spurge Purslane Knotweed Evening primrose Hop clover	All Turf Uses (Non-Greens and Tees): 175 pounds per acre in the Spring prior to weed germination	Apply a repeat application of 116 to 175 pounds per acre after 5 to 8 weeks where heavy weed infestations are expected.
Goosegrass		All Turf Uses (Non-Greens and Tees): 175 pounds per acre.	Apply in the Spring prior to weed germination. Apply a repeat application of 175 pounds per acre after 5 to 8 weeks for extended control.
Cudweed <i>Poa annua</i> Chickweed Lawn burweed Henbit Corn speedwell		All Turf Uses (Non-Greens and Tees): 175 to 233 pounds per acre.	Apply in late Summer or early Fall prior to weed germination.
Warm Season Grasses Bermudagrass St. Augustinegrass Bahiaagrass Centipedegrass Zoysiagrass Tall fescue Buffalograss	Crabgrass Foxtail <i>Poa annua</i> Barnyardgrass Fall panicum <i>Oxalis</i> Prostrate spurge Purslane Knotweed Evening primrose Hop clover	Residential and Sod Farm Turf Uses Only: 175 to 233 pounds per acre prior to weed germination in the Spring. Golf course, Commercial and Other Non-Residential Turf Uses Only: 175 to 349 pounds per acre in the Spring prior to weed germination.	Apply a repeat application of 116 to 175 pounds per acre after 5 to 8 weeks if necessary.
Goosegrass		All Turf Uses (Non-Greens and Tees): 175 pounds per acre prior to weed germination in the Spring.	An additional application of 175 pounds per acre may be applied for extended Goosegrass control 8 weeks after the second application. Apply a repeat application of 175 to 233 pounds per acre after 5 to 8 weeks.
Cudweed Henbit <i>Poa annua</i> Chickweed Lawn burweed Corn speedwell		All Turf Uses: 175 to 233 pounds per acre.	Apply in late Summer or early Fall prior to weed germination. Apply a repeat application of 175 to 233 pounds per acre after 5 to 8 weeks for extended <i>Poa annua</i> control.

* **DO NOT** exceed a maximum rate of 233 pounds per acre per application for use on Residential Turfgrass and Sod farm Turfgrass.

DO NOT exceed a maximum rate of 349 pounds per acre per application for use on Golf course, Turfgrass, Commercial or other Non-residential Turfgrass.

** Residential is defined as Turf in any residential situation as well as home lawns, schools, parks and playgrounds.

*** **Not for use** on Bentgrass or *Poa annua* greens or tees.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage and disposal. Open dumping is prohibited. Do not reuse empty containers.

PESTICIDE STORAGE: Store in a clean, dry place. Reseal opened bag by folding top down and securing. Do not store above 120°F.

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:

Nonrefillable Container: Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke

(Continued on Other Back of Label)

(Continued from Front of label)

LANDSCAPE AND GROUNDS MAINTENANCE

This product can be incorporated into landscape and ground maintenance programs to provide extended preemergence control of most annual grasses and certain broadleaved weeds. Areas to be treated include but are limited to established trees or Ornamentals in the landscape or in mulch beds; or, other commercially maintained landscape areas such as borders, around statuary or monuments in parks or in parking areas. If emerged weeds are present at time of application, either shallow cultivate to destroy existing weeds or, where practical, remove by hand, or apply a postemergecne product labeled for such use prior to an application of this product. This product may be used before or after applications of herbicides registered for postemergence use (i.e., Glyphosate) for the control of established weeds. Do not apply sprays containing Glyphosate over the top of desirable plants, and follow the label restrictions. A treatment of this product may be followed by any registered herbicide to control weeds not listed on this product's label.

ORNAMENTAL BULBS

This product may be applied for control of susceptible annual weeds in Ornamental bulbs listed on the label (Crocus, Daffodil (Narcissus), Gladiolus, Tulip, etc.). Apply this product prior to, during or after bulb emergence. If weeds have already germinated use a labeled postemergence herbicide to control emerged weeds.

WILDFLOWERS

This product may be applied for control of susceptible annual weeds in plantings of wildflowers listed on the label (Black-eyed Susan, California Poppy, Coreopsis, Oxeye Daisy, etc.). This product may be applied to established perennial wildflowers before emergence of weeds or wildflowers. For wildflowers being established from seed, apply this product after wildflowers have emerged but prior to weed germination. If weeds have already germinated, use a labeled postemergence product to control emerged weeds. Due to the diversity of species and varieties which exist in areas where wildflowers are grown, the response to this product may vary greatly. Careful testing on desirable species is recommended to determine if area-wide applications can be made.

ORNAMENTAL PLANTINGS AND GROUND COVER

Use Precautions

Apply this product to established plantings. May be applied around and over the top of established plants listed below. Care must be taken that soil or planting mixes have settled firmly following transplanting and that there are no cracks that would allow direct contact of this product with roots. Applications where soil and media surfaces are uniformly covered will result in best weed control and Ornamental tolerance. Plant only those desirable plant species listed on this label into soil treated the previous season with any Pendimethalin containing product or injury may occur.

TREES	
Common Name	Scientific Name
Alder, European Black	<i>Alnus glutinosa</i>
Apple	<i>Malus spp.</i>
Arborvitae, American	<i>Thuja occidentalis</i>
Arbutus	<i>Arbutus spp.</i>
Ash, Red	<i>Fraxinus pennsylvanica</i>
Ash, White	<i>Fraxinus americana</i>
Aspen, Bigtooth	<i>Populus grandidentata</i>
Aspen, Quaking	<i>Populus tremuloides</i>
Basswood	<i>Tilia spp.</i>
Birch, European Weeping	<i>Betula pendula</i>
Birch, River	<i>Betula nigra</i>
Buckeye, Red	<i>Aesculus pavia</i>
Cedar, White	<i>Thuja occidentalis</i>
Chamaecyparis, Boulevard	<i>Chamaecyparis pisifera</i>
Cherry, Black	<i>Prunus serotina</i>
Cherry, Choke	<i>Prunus virginiana</i>
Cherry, Kwanzan	<i>Prunus serulata</i>
Cherry, Nanking	<i>Prunus tomentosa</i>
Cottonwood	<i>Popuius deltoides</i>
Crabapple	<i>Malus spp.</i>
Crepe Myrtle	<i>Lagerstroemia indica</i>
Cryptomeria, Japanese Cedar	<i>Cryptomeria japonica</i>
Cypress, Bald	<i>Taxodium distichum</i>
Cypress, Leyland	<i>Cupressocyparis leylandii</i>
Dogwood, Flowering	<i>Cornus florida</i>
Dogwood, Korean	<i>Cornus kousa</i>
Dogwood, Silky	<i>Cornus amomum</i>
Dogwood, Shrub	<i>Cornus spp.</i>
Elm	<i>Ulmus japonica</i>
Fir, Balsam	<i>Abies balsamae</i>
Fir, Douglas	<i>Pseudotsuga menziesii</i>
Fir, Fraser	<i>Abies fraseri</i>
Fir, White	<i>Abies concolor</i>
Franklinia	<i>Franklinia spp.</i>
Ginkgo	<i>Ginkgo biloba</i>
Gum, Black	<i>Nyssa sylvatica</i>
Gum, Sour	<i>Nyssa sylvatica</i>
Haw, Black	<i>Viburnum prunifolium</i>
Hawthorn	<i>Crataegus spp.</i>
Hemlock, Canada	<i>Tsuga canadensis</i>
Hemlock, Eastern	<i>Tsuga canadensis</i>
Holly, American	<i>Ilex opaca</i>
Honeylocust	<i>Gleditsia triacanthos</i>
Lilac, Common	<i>Syringa vulgaris</i>
Lilac, Japanese Tree	<i>Syringa reticulata</i>
Linden	<i>Tilia spp.</i>
Magnolia, Saucer	<i>Magnolia soulangiana</i>
Magnolia, Southern	<i>Magnolia grandiflora</i>
Magnolia, Star	<i>Magnolia stellata</i>
Maidenhair Tree	<i>Ginkgo biloba</i>
Maple, Paper-bark	<i>Acer griseum</i>
Maple, Norway	<i>Acer platanoides</i>
Maple, Japanese	<i>Acer palmatum</i>
Maple, Red	<i>Acer rubrum</i>

(Continued) TREES	
Common Name	Scientific Name
Nannyberry, Rusty	<i>Viburnum rufidulum</i>
Oak, Chinquapin	<i>Quercus muehlenbergii</i>
Oak, Live	<i>Quercus virginiana</i>
Oak, Pin	<i>Quercus palustris</i>
Oak, Red	<i>Quercus rubra</i>
Oak, Swamp Chestnut	<i>Quercus michauxii</i>
Oak, Water	<i>Quercus nigra</i>
Oak, White	<i>Quercus alba</i>
Oak, Willow	<i>Quercus phellos</i>
Olive	<i>Olea europaea</i>
Palm, Date	<i>Phoenix spp.</i>
Palm, Fan	<i>Washingtonia spp.</i>
Palm, Pindo	<i>Butia spp.</i>
Palm, Washington	<i>Washingtonia spp.</i>
Peach	<i>Prunus persica</i>
Pear, Bradford	<i>Pyrus calleryana 'Bradford'</i>
Pecan	<i>Carya illinoensis</i>
Pine, Austrian	<i>Pinus nigra</i>
Pine, Italian Stone	<i>Pinus pinea</i>
Pine, Loblolly	<i>Pinus taeda</i>
Pine, Monterey	<i>Pinus radiata</i>
Pine, Red	<i>Pinus resinosa</i>
Pine, Scotch	<i>Pinus sylvestris</i>
Pine, Virginia	<i>Pinus virginiana</i>
Pine White	<i>Pinus strobus</i>
Plum, Purple Leaf	<i>Prunus cerasifera</i>
Poplar, Black	<i>Populus nigra</i>
Redcedar, Eastern	<i>Juniperus virginiana</i>
Redcedar, Western	<i>Thuja plicata</i>
Red Ironbark	<i>Eucalyptus sideroxylon 'Rosea'</i>
Redwood, Dawn	<i>Metasequoia glyptostroboides</i>
Sequoia, Giant	<i>Sequoiadendron giganteum</i>
Serviceberry	<i>Amelanchier laevis</i>
Sourwood	<i>Oxydendrum arboreum</i>
Spruce, Colorado Blue	<i>Picea pungens</i>
Spruce, Dwarf Alberta	<i>Picea glauca 'albertiana'</i>
Spruce, Norway	<i>Picea abies</i>
Spruce, White	<i>Picea glauca</i>
Sweetgum	<i>Liquidambar styraciflua</i>
Sycamore	<i>Plantanus occidentalis</i>
Trachycarpus	<i>Trachycarpus spp.</i>
Tulip tree	<i>Liriodendron tulipifera</i>
Walnut, Black	<i>Salix nigra</i>
Willow, Weeping	<i>Salix babylonica</i>
Yellowwood	<i>Cladrastis lutea</i>

SHRUBS	
Common Name	Scientific Name
Abelia, Glossy	<i>Abelia grandiflora</i>
Aucuba, Gold	<i>Aucuba japonica</i>
Azalea	<i>Rhododendron spp.</i>
Bamboo, Heavenly	<i>Nandina domestica</i>
Barberry	<i>Berberis gladwynesis</i>
Barberry, Japanese	<i>Berberis thunbergii</i>
Blue Indigo Bush	<i>Dalea gregii</i>
Bottlebrush, Lemon	<i>Callistemon citrinus</i>
Boxwood, Common	<i>Buxus sempervirens</i>
Boxwood, Japanese	<i>Buxus microphylla</i>
Brittlebush	<i>Encelia farinosa</i>
Buttonbush	<i>Cephalanthus occidentalis</i>
Camellia	<i>Camellia japonica</i>
Cape Jasmine	<i>Gardenia jasminoides</i>
Cassia, Feathery	<i>Cassia artemisioides</i>
Cordylina	<i>Cordylina spp.</i>
Correa	<i>Correa spp.</i>
Cotoneaster	<i>Cotoneaster apiculatus</i>
Cotoneaster, Bearberry	<i>Cotoneaster dammeri</i>
Cotoneaster, Rock	<i>Cotoneaster horizontalis</i>
Cypress, Italian	<i>Cupressus sempervirens</i>
Cypress, Leyland	<i>Cupressocyparis leylandii</i>
Deutzia, Slender	<i>Deutzia gracilis</i>
Dogwood, Red Twig	<i>Cornus sericea</i>
Elaeagnus	<i>Elaeagnus ebbingei</i>
Escallonia	<i>Escallonia fradesii</i>
Euonymus	<i>Euonymus fortunei</i>
Euonymus, Golden	<i>Euonymus japonica</i>
Euonymus, Winged	<i>Euonymus, alata</i>
Firethorn	<i>Firethorn</i>
Forsythia, Border	<i>Forsythia, Border</i>
Fragrant Olive	<i>Fragrant Olive</i>
Fuschia, California	<i>Fuschia, California</i>
Gardenia	<i>Gardenia</i>
Hawthorne, Indian	<i>Hawthorne, Indian</i>
Hibiscus	<i>Hibiscus</i>
Holly, Chinese	<i>Holly, Chinese</i>
Holly, Japanese	<i>Holly, Japanese</i>
Holly, Fosters	<i>Holly, Fosters</i>
Holly, Savannah	<i>Holly, Savannah</i>
Holly, Yaupon	<i>Holly, Yaupon</i>
Honeysuckle, Bush	<i>Honeysuckle, Bush</i>
Hopseed Bush	<i>Hopseed Bush</i>
Hopbush	<i>Hopbush</i>
Hydrangea	<i>Hydrangea</i>
Juniper	<i>Juniper</i>
Juniper, Chinese	<i>Juniper, Chinese</i>
Juniper, Shore	<i>Juniper, Shore</i>
Juniper, Trailing	<i>Juniper, Trailing</i>
Laurel, Cherry	<i>Laurel, Cherry</i>
Laurel, Mountain	<i>Laurel, Mountain</i>
Laurel, Otto Luyken	<i>Laurel, Otto Luyken</i>
Laurel, Schipka	<i>Laurel, Schipka</i>
Laurustinus	<i>Laurustinus</i>
Lavender, English	<i>Lavender, English</i>
Leucothoe	<i>Leucothoe</i>

(Continued) SHRUBS	
Common Name	Scientific Name
Leucothoe, Coast	<i>Leucothoe axillaris</i>
Lilac, Cut-leaf	<i>Syringa laciniata</i>
Lily-of-the-Nile	<i>Agapanthus africanus</i>
Mahonia	<i>Mahonia aquifolium</i>
Mock Orange	<i>Pittosporum tobira</i>
Myrtle, Compact	<i>Myrtus communis</i>
Myrtle, Wax	<i>Myrica cerifera</i>
Nandina	<i>Nandina domestica</i>
Oleander	<i>Nerium oleander</i>
Oregon Grape	<i>Mahonia aquifolium</i>
Osmanthus	<i>Osmanthus fragrans</i>
Palm, European Fan	<i>Chamaerops humilis</i>
Palm, Mediterranean Fan	<i>Chamaerops spp.</i>
Phlox, Prickly	<i>Leptodactylon californicum</i>
Photinia, Fraser	<i>Photinia x Fraseri</i>
Pieris, Japanese	<i>Pieris japonica</i>
Pine, Mugo	<i>Pinus mugo</i>
Plum, Natal	<i>Carissa grandiflora</i>
Privet, California	<i>Ligustrum ovalifolium</i>
Privet, Glossy	<i>Ligustrum lucidum</i>
Privet, Variegated	<i>Ligustrum sinensis</i>
Privet, Waxleaf	<i>Ligustrum japonicum</i>
Pyracantha	<i>Pyracantha coccinea</i>
Quince, Flowering	<i>Chaenomeles japonica</i>
Ranger, Texas	<i>Leucophyllum frutescens</i>
Redroot	<i>Ceanothus spp.</i>
Rhododendron	<i>Rhododendron spp.</i>
Robira	<i>Pittosporum tobira</i>
Rose	<i>Rosa spp.</i>
Spice Plant	<i>Illicium parviflorum</i>
Spiraea	<i>Spiraea vanhouttei</i>
Spiraea, Anthony Waterer	<i>Spiraea x bumalda</i>
Spiraea, Japanese	<i>Spiraea japonica</i>
Sweet Bay	<i>Laurus nobilis</i>
Trumpet Bush	<i>Tecoma stans</i>
Verbena, Lemon	<i>Aloysia triphylla</i>
Viburnum	<i>Viburnum suspensum</i>
Vitex	<i>Vitex spp.</i>
Weigela	<i>Weigela florida</i>
Wild Lilac	<i>Ceanothus spp.</i>
Wisteria	<i>Wisteria spp.</i>
Xylosma	<i>Xylosma congestum</i>
Yellowbells	<i>Tecoma stans</i>
Yew	<i>Taxus media</i>
Yew, Japanese	<i>Taxus cuspidata</i>
Yew, Southern	<i>Podocarpus macrophyllum</i>
Yucca, Adam's Needle	<i>Yucca filamentosa</i>
Yucca, Weeping	<i>Yucca pendula</i>

GROUND COVERS	
Common Name	Scientific Name
Ajuga	<i>Ajuga reptans</i>
Baby Sun Rose	<i>Aptenia cordifolia</i>
Beach Strawberry	<i>Fragaria chiloensis</i>
Capeweed	<i>Arctotheca calendula</i>
Cinquefoil, Spring	<i>Potentilla verna</i>
Coyotebrush, Dwarf	<i>Baccharis pitularis</i>
Daisy, Trailing African	<i>Osteospermum fruticosum</i>
Dymondia	<i>Dymondia margaretae</i>
Gazania	<i>Gazania splendens</i>
Iceplant, Large Leaf	<i>Carpobrotus edulis</i>
Ivy, English	<i>Hedera helix</i>
Ivy, Geranium	<i>Geranium peltatum</i>
Jasmine, Asiatic	<i>Trachelospermum asiaticum</i>
Jasmine, Primrose	<i>Jasminum mesnyi</i>
Jessamine, Carolina	<i>Arctostaphylos uva-ursi</i>
Manzanita, Bearberry	<i>Miscanthus spp.</i>
Miscanthus	<i>Miscanthus spp.</i>
Mondgrass	<i>Ophiopogon japonica</i>
Morninglory	<i>Convolvulus spp.</i>
Myoporum	<i>Myoporum parvifolium</i>
Pachysandra	<i>Pachysandra terminalis</i>
Potentilla	<i>Potentilla fruticosa</i>
Periwinkle, Common	<i>Vinca minor</i>
Red Apple	<i>Aptenia cordifolia</i>
Rosemary	<i>Rosemarinus officinalis</i>
Rose-Of-Sharon	<i>Hypericum calycinum</i>
Sand Strawberry	<i>Fragaria chiloensis</i>
Sedum	<i>Sedum spurium</i>
St. Johnswort, Creeping	<i>Hypericum calycinum</i>
Stonecrop	<i>Sedum spurium</i>
Verbena, Peruvian	<i>Verbena peruviana</i>
Vervain	<i>Verbena peruviana</i>
Vetch, Crown	<i>Vicia sativa</i>
Vinca or Greater Periwinkle	<i>Vinca major</i>
Wintercreeper	<i>Euonymous fortunei</i>

PERENNIALS	
Common Name	Scientific Name
Acacia	<i>Acacia redolens</i>
Asparagus	<i>Asparagus spp.</i>
Aster, New York	<i>Aster novi-belgii</i>
Aster, Stokes	<i>Stokesia laevis</i>
Astilbe (False Spirea)	<i>Astibe spp.</i>
Babys Breath	<i>Gypsophila elegans</i>
Beard-Tongue	<i>Penstemon spp.</i>
Bellflower	<i>Campanula spp.</i>
Bird of Paradise	<i>Caesalpinia pulcherrima</i>
Black-eyed Susan	<i>Rudbeckia hirta</i>
Blanket Flower	<i>Gaillardia x grandiflora</i>
Bleeding Heart	<i>Dicentra spectabilis</i>
Butterfly Weed	<i>Asclepias tuberosa</i>
California Poppy	<i>Eschscholzia californica</i>
Calla Lily	<i>Zantedeschia aethiopica</i>
Canna, Common Garden	<i>Canna generalis 'Lucifer'</i>
Carex	<i>Carex spp.</i>
Cast Iron Plant	<i>Aspidistra elatior</i>
Chincherinchee	<i>Ornithogalum thyrsoides</i>
Clover, Crimson	<i>Trifolium incarnatum</i>
Columbine	<i>Aquilegia 'McKana Giant'</i>
Coreopsis	<i>Coreopsis lanceolata</i>
Crinum Lily	<i>Crinum spp.</i>
Crocus	<i>Crocus spp.</i>
Daffodil	<i>Narcissus spp.</i>
Daylily	<i>Hemerocallis spp.</i>
False dragonhead	<i>Physostegia virginiana</i>
Fairy Duster	<i>Calliandra eriophylla</i>
Fern, Asparagus	<i>Asparagus officinalis</i>
Fern, Tree	<i>Asparagus virgatus</i>
Fern, Boston	<i>Nephrolepis exaltata</i>
Fern, Leatherleaf*	<i>Rumohra adiantiformis</i>
Fortnight Lily	<i>Moraea spp.</i>
Foxglove, Common	<i>Digitalis purpurea</i>
Freesia	<i>Freesia x hybrida</i>
Fuschia, Arizona	<i>Ruysschegia californica</i>
Gayfeather	<i>Liatris spp.</i>
Gaillardia	<i>Gaillardia pulchella</i>
Geum	<i>Geum spp.</i>
Gladiolus	<i>Gladiolus spp.</i>
Heather, Dwarf	<i>Calluna vulgaris</i>
Hosta	<i>Hosta spp.</i>
Hyssop, Sunset	<i>Agastache rupestris</i>
Indian Blanket	<i>Gaillardia pulchella</i>
Lantana, Weeping	<i>Lantana montevidensis</i>
Leopards Bane	<i>Doronicum cordatum</i>
Lily	<i>Lilium spp.</i>
Liriope, Big Blue	<i>Liriope muscari</i>
Liriope, Creeping	<i>Liriope spicata</i>
Liriope, Variegated	<i>Liriope muscari</i>
Loosestrife, Garden	<i>Lysimachia punctata</i>
Moonbeam	<i>Coreopsis verticillata</i>
Montbretia	<i>Crocsmia crocosmiiflora</i>
Nightshade	<i>Solanum spp.</i>
Orchid, Peacock	<i>Acidanthera bicolor</i>
Oxeye Daisy	<i>Chrysanthemum leucanthemum</i>
Peony, Chinese	<i>Paeonia lactiflora</i>
Purple Coneflower	<i>Echinacea purpurea</i>
Purple Loosestrife	<i>Lythrum virgatum</i>
Rosemary	<i>Rosmarinus officinalis</i>
Ruscus, Israeli	<i>Ruscus hypophyllum</i>
Sage, Russian	<i>Perovskia atriplicifolia</i>
Sedge	<i>Carex spp.</i>
Shasta Daisy	<i>Chrysanthemum x superbum</i>
Sweet Flag	<i>Acorus calamus</i>
Texas Bluebonnet	<i>Coreopsis lanceolata</i>
Tulip	<i>Lupinus texenis</i>
Tulip	<i>Tulipa spp.</i>
Twinspur	<i>Diasciascia barbaerae</i>
Wonder Flower	<i>Ornithogalum thyrsoides</i>
Yarrow	<i>Achillea millefolium</i>
Zephyr Lily	<i>Zephyranthes spp.</i>

*Applications of this product to immature ferns (during periods of new growth of fronds) may result in some injury.

ORNAMENTAL GRASSES	
Common Name	Scientific Name
Beach Grass	<i>Ammophila breviligulata</i>
Fescue, Blue	<i>Festuca ovina</i>
Fescue, Sheep	<i>Festuca ovina</i>
Fountain Grass	<i>Pennisetum setaceum</i>
Pampas Grass	<i>Cortaderia selloana</i>
Reed Canary Grass	<i>Phalaris arundinacea</i>
Reed, Giant	<i>Arundo spp.</i>
Ribbon Grass	<i>Phalaris arundinacea</i>
Tufted Hair Grass	<i>Deschampsia caespitosa</i>

BEDDING PLANTS*	
Common Name	Scientific Name
Ageratum	<i>Ageratum houstonianum</i>
Alyssum	<i>Alyssum saxatile</i>
Anemone, Poppy-flowered	<i>Anemone coronaria</i>
Artemesia	<i>Artemesia spp.</i>
Balloonflower	<i>Platycodon grandiflorum</i>
Begonia	<i>Begonia spp.</i>
Cabbage, Ornamental	<i>Brassica oleracea</i>
Caladium	<i>Caladium spp.</i>
China Aster	<i>Callistephus chinensis</i>
Crocsmia, Montebretia	<i>Crocsmia x crocosmiiflora</i>
Dahlia	<i>Dahlia spp.</i>
Dianthus	<i>Dianthus barbatus</i>
Dusty Miller	<i>Senecio cineraria</i>
Gazania, Treasure Flower	<i>Gazania rigens</i>
Gazania, Trailing	<i>Gazania rigens leucolaena</i>
Geranium	<i>Geranium spp.</i>
Gloxinia	<i>Gloxinia simningia</i>
Impatiens	<i>Impatiens spp.</i>
Kale, Ornamental	<i>Brassica napus</i>
Marigold, African	<i>Tagetes erecta</i>
Moss Rose	<i>Portulaca grandiflora</i>
Mum, Garden	<i>Chrysanthemum spp.</i>
Pansy, Garden	<i>Viola x Wittrockiana</i>
Periwinkle, Rose	<i>Catharanthus roseus or Vinca rosea</i>
Petunia	<i>Petunia spp.</i>
Plumosa Cockscomb	<i>Celosia cristata</i>
Portulaca	<i>Portulaca grandiflora</i>
Salvia	<i>Salvia splendens</i>
Snapdragon	<i>Antirrhinum majus</i>
Statice	<i>Limonium spp.</i>
Sweet William	<i>Dianthus barbatus</i>
Vinca or Periwinkle	<i>Catharanthus roseus</i>
Zinnia	<i>Zinnia spp.</i>

* After planting bedding plants and before applying this product, area to be treated should be watered sufficiently to pack soil around roots.

Do not treat plants grown for food or feed. Do not use treated plants for food or feed.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

WARRANTY—CONDITIONS OF SALE

Our directions for use of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically directed, and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, User assumes responsibility for any crop damage or other liability when this product is used on plant species not listed on this label.

To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with the directions given herewith.

The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.