FLUMIOXAZIN

GROUP

14

HERBICIDE



0.125% StayGuard™

with FERTILIZER

5-0-15

Derived from: Urea, Muriate of Potash.



Apply only to actively growing turf. Do not exceed 3.2 lbs. of total nitrogen per 1,000 sq. ft. annually.

In Pennsylvania and Maryland: Do not exceed 0.9 lbs of total nitrogen per 1,000 sq. ft. per application.

Soluble Potash (K2O) ..

Chlorine (CI) not more than.

SUGGESTED SPREADER SETTINGS				
Spreader 4.6 Pounds per 1,000 sq. ft.	6.9 Pounds per 1,000 sq. ft.	4.6 Pounds per 1,000 sq. ft.	6.9 Pounds per 1,000 sq. ft.	
LebanonTurf 5	71/2	Lesco (letter/Numeric) J/21	0/29	
Andersons AccuPro N	T	PennMulch HVO N	T	
Earthway Rotary 17	25	ProScape SS N	T	
Gandy 29	37	Spyker 5	7½	
Lely 6 II	8	Vicon (all models) 26	36	

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and evenness of terrain may require slightly different settings for desired coverage.

PROVIDES PREEMERGENCE WEED CONTROL IN

- LANDSCAPE GROWN ORNAMENTAL SHRUBS, TREES, CHRISTMAS TREES, GROUND COVERS, NON-BEARING FRUIT AND NUT TREES, VINES. AND BARE GROUND NON-CROP AREAS
- ESTABLISHED TURFGRASS

ACTIVE INGREDIENT:	
Flumioxazin	0.125%
OTHER INGREDIENTS:	99.875%
TOTAL:	100.00%

*2-[7-fluoro-3,4-dihydro-3-oxo-4-(2-propynyl)-2H-1,4-benzoxazin-6-yl]-4,5,6,7-tetrahydro-1H-isoindole-1,3(2H)-dione contains 2.5 lbs. flumioxazin per ton.

KEEP OUT OF REACH OF CHILDREN CAUTION

See below for additional precautionary statements and directions for use.

For Medical Emergencies Only, Call (877) 325-1840 For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

EPA REG. NO. 228-749-961 StayGuard is a trademark of Nufarm Americas, Inc. EPA Est. No. 961-PA-01:961-IL-01.

Net Weight: 50 lbs (22.7 kg)

FIN31 AID
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 the poison control center or doctor.
Do not give anything by mouth to an unconscious person.
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.
Hold eye open and rinse slowly and gently with water for 15-20 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.
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.

FIDST AID

HOT LINE NUMBER

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. You may also contact 1-877-325-1840 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wear appropriate protective eye wear such as goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material including polyethylene or polyvinyl chloride, shoes, and socks.

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.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 aquatic invertebrates. **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** apply where runoff is likely to occur. **DO NOT** apply when weather conditions favor drift from treated areas. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

This pesticide is toxic to plants and must be used strictly in accordance with the drift and runoff precautions on this label in order to minimize off-site exposures.

Under some conditions this product may have a potential to runoff to surface water or adjacent land. Where possible, use methods which reduce soil erosion, including no till, limited till and contour plowing; these methods also reduce pesticide runoff. Use of vegetation filter strips along rivers, creeks, streams, wetlands or on the downhill side of fields where runoff could occur will minimize water runoff is advised.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil, or water, is: coveralls, chemical-resistant gloves made of any waterproof material, shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses.

Keep all unprotected persons out of operating areas, or vicinity where there may be drift.

DO NOT enter or allow others to enter treated areas until dust has settled.

RESISTANCE MANAGEMENT

For resistance management, this product is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

Rotate the use of this product or other Group 14 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.

Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.

Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.

Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective. Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.

If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.

Contact your local extension specialist or certified crop advisors for additional pesticide resistance management and/or integrated weed-management strategies for specific crops and weed biotypes.

For further information or to report suspected resistance, contact Lebanon Seaboard Corporation at (888) 208-1368.

PRODUCT INFORMATION

This product is a selective preemergence herbicide that provides extended residual control of a wide variety of annual broadleaf and grassy weeds. This product controls weeds by inhibiting protoporphyrinogen oxidase, an essential enzyme required by plants for chlorophyll biosynthesis. Seedling weeds are controlled preemergence when exposed to sunlight following contact with the soil applied herbicide. This herbicide has limited postemergent activity against newly germinated seedlings of some weed species, but to ensure optimal control, apply before weed germination.

Most hardy woody ornamental shrubs, trees, ground covers and established turfgrass are not susceptible to this product, so long as the product is applied in accordance with the label. Use caution when applying to plants that are producing a new flush of growth because herbicide may injure tender, newly formed leaves if granules remain in contact with leaf surfaces. This product may cause leaf spotting on some species if granules remain in contact with leaf surfaces, especially on new flush or on foliage that is wet at the time of application. However, subsequent plant growth is generally unaffected. This product may injure some species if not applied in accordance with the label and may also injure ornamental species that are not listed on the label. Therefore, read all label precautions and restrictions before applying this product.

Restrictions and Limitations

- DO NOT apply more than 300 lb. (0.375 lb. ai) per acre in a single application.
- DO NOT apply more than 600 lb. (0.75 lb. ai) per acre per year. DO NOT apply more than 2 applications at 300 lb. (0.375 lb. ai) per acre or more than 3 applications at 200 lb. (0.25 lb. ai) per acre per year.
- DO NOT treat the same site more than one time every 8 weeks.
- DO NOT apply by air.
- DO NOT apply when winds are gusty or above 10 mph.
- \bullet DO NOT graze or feed livestock forage cut from treated areas.

Preemergence Application

This product provides effective preemergence control of weeds listed in Table 4. For optimal preemergence control, apply this product to clean, weed free soil or mulch before weed seeds germinate. Disturbing soil surfaces after application may reduce herbicide efficacy. Approximately 1/2 to 3/4 inch of rainfall, overhead sprinkler irrigation or hand irrigation is required to activate this product. Inadequate irrigation or rainfall following application may reduce effectiveness of this product. Weed control is most persistent under cooler temperatures.

Application Instructions

Apply this product with clean, well maintained granular application equipment. Calibrate application equipment prior to use according to manufacturer's guidelines. Check frequently to be sure equipment is working properly and distributing granules uniformly. Avoid skips and overlaps, as poor weed control or crop injury may occur.

- When applying to ornamentals, apply to dry foliage. To test for moisture, rub hands over plant foliage.
- When applying to turfgrass, ensure leaf surfaces are mostly dry.
- \bullet When possible, irrigate with 1/2 to 3/4 inch of water to activate the herbicide.
- $\bullet \ \text{If granules remain on foliage following application, lightly brushing or blowing plants will reduce the potential for plant injury.}$

Drift Manageme

DO NOT apply under circumstances where possible drift to unprotected persons or to food, forage or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption can occur.

- Make applications when the wind velocity favors on-target product deposition. Apply only when the wind speed is less than or equal to 10 mph. For all applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.
- All application equipment must be properly maintained and calibrated using appropriate carriers.



Distributed by:
Lebanon Seaboard Corporation

1600 E. Cumberland St. • Lebanon, PA 17042 800-233-0628 • (717) 273-1685

Made in the U.S.A.

CALIBRATION OF HERBICIDE APPLICATION EQUIPMENT

This product is a very active herbicide and can injure some plants if applied at excessive rates. The user is responsible for accurately calibrating herbicide application equipment so that this product is applied at the labeled rate of 200 to 300 lbs. (0.25-0.375 lbs. ai/A) per acre. The user assumes responsibility for any plant damage or other liability resulting from application of this product at excessive rates

Table 1. Use Rate Table

Pounds/Acre Pounds/1.000 sa ft 200 (0.25 lb. ai/A) 4.6 (0.25 lb. ai/A) 300 (0.375 lb. ai/A) 6.9 (0.375 lb. ai/A)

ORNAMENTAL PLANT INFORMATION

Most established woody ornamental plants are not susceptible to this product when the product is applied according to the label. Prior to applying on a commercial scale, test a small number of plants grown under similar growing conditions to ensure crop safety. Ensure that test plants are actively growing at the time of application and examined for 4 to 8 weeks for symptoms of plant injury. If test plants are dormant at the time of application, or enter dormancy within 8 weeks after application, continue the injury evaluation until after plants break dormancy in the spring.

Mild leaf spotting is the most common symptom of injury on ornamental plants, and usually appears within 2 to 4 days after application. Leaf spotting is most likely to occur when this product is applied to new flush that is wet at time of application. To minimize the risk of leaf spotting, completely read and follow the Application Instructions section of the label.

Treatment of Ornamental Plant Species Labeled as Sensitive

This product can cause significant injury to ornamental plants listed in Table 3. The user assumes responsibility for any plant damage that results from an application to plants listed as sensitive.

Treatment of Ornamental Plant Species NOT Listed on Table 4

Prior to applying this product on non-listed species, test a small number of plants grown under similar growing conditions to ensure crop safety. The user assumes responsibility for any plant damage that results from an application to non-listed plant species.

Treatment of Ornamental Plant Species with Wet Foliage

When this product is applied to dry plants, most granules will bounce or roll off the foliage before releasing herbicide residues. However, if this product is applied to plants that are wet from dew, irrigation water or rainfall, some granules may stick to foliage and release herbicide residues. Herbicide release onto wet foliage can injure some plant species.

Treatment of Recently Transplanted Liners

Under certain conditions, this product can cause significant injury to recently transplanted liners of some plant species that are not significant when more established (i.e. have formed a well-developed root system). Injury to recently transplanted liners is most likely when applied to smaller liners (less than one-gallon container size), is applied at above labeled rates, and is applied before potting media or soil has been settled by irrigation or rainfall. Therefore, DO NOT apply to recently transplanted liners with root balls less than 4 inches in diameter until plants have been actively growing for at least 6 weeks after transplanting and have established a vigorous root system.

Treatment of Herbaceous Plants, Tropical Shrubs and Foliage Plants

This product may severely injure many annual bedding plants (e.g. Petunia), and some herbaceous perennials (e.g. Hosta), tropical shrubs and foliage plants. Therefore, DO NOT apply this product over-the-top of herbaceous annual bedding plants, herbaceous perennials, tropical shrubs or foliage plants until after the user has confirmed the product's safety on a small number of plants grown under standard growing conditions.

Treatment of Seedling Trees and Shrubs

This product may injure seedlings of some trees and shrubs if applied before seedlings have established a vigorous root system. Therefore, DO NOT apply to tree and shrub seedlings within one year after germination, unless the user has first confirmed the product's safety on a small number of plants grown under standard growing conditions.

DIRECTIONS FOR USE IN LANDSCAPE GROWN ORNAMENTAL SHRUBS, TREES, CHRISTMAS TREES, GROUND COVERS, NON-BEARING FRUIT AND NUTTREES, VINES, AND BARE GROUND NON-CROP AREAS

In residential and commercial landscapes, this product must only be applied by commercial licensed applicators. This product applied at 200 to 300 lbs per acre (0.25 to 0.375 lb ai/A) (4.6 to 6.9 lbs per 1.000 sq.ft) is an effective treatment for control of the weeds listed in Table 2 when applied to established landscape grown shrubs, trees, Christmas trees, ground covers, non-bearing fruit and nut trees and vines. Non-bearing fruit and nut trees including citrus, apples, pears, peaches, etc. are defined as plants that will not bear fruit for at least one year after application. This product may also be applied to maintain bare ground in non-crop areas in apartment complexes, gravel surfaces, ground mats, golf courses, office complexes, parks, parking areas, recreational sites, schools, sidewalks and other similar sites.

Precautions for Landscape Applications

This product can cause contact injury to foliage of landscape ornamentals if applied over-the-top of new flush, and especially if foliage is wet. To minimize crop injury potential, apply to dormant or non-actively growing landscape plants and avoid application to new flush.

Restrictions for Landscape Applications

- DO NOT apply more than 300 lb (0.375 lb. ai) per acre in a single application
- DO NOT apply more than 600 lb (0.75 lb. ai) per acre per year
- DO NOT treat the same plants more than one time every 8 weeks.
- DO NOT apply more than 2 applications at 300 lb. (0.375 lb. ai) per acre or more than 3 applications at 200 lb. (0.25 lb. ai) per acre per year.
- DO NOT apply to foliage that is wet due to rainfall, irrigation or dew.
- DO NOT apply over-the-top of ornamental plants not listed on this label until susceptibility is evaluated on a small number of plants grown under standard growing conditions • DO NOT apply to plants that are under moisture stress or stress from insects, diseases, animals, winter injury, planting shock or any other
- DO NOT apply to plants grown from seed until at least one year after seed germination, unless a product safety test is first conducted on a
- small number of plants • DO NOT apply to plants whose leaves channel the herbicide granules to the leaf base.
- DO NOT apply to herbaceous bedding plants or areas where bedding plants will be planted or transplanted within 3 months following application
- . DO NOT apply to plants while in propagation.
- DO NOT apply to liners that are in pots less than 4 inches in diameter.
- DO NOT apply to recently transplanted liners with root balls that are less than 4" in diameter until liners have been actively growing for at least 6 weeks after transplanting and have established a vigorous root system.
- DO NOT incorporate product into soil or potting media.
- DO NOT apply in an enclosed greenhouse structure.
- DO NOT graze or feed livestock forage cut from treated areas.

WEEDS CONTROLLED

When applied at 200 to 300 lbs. per acre (0.25 – 0.375 lbs. ai/A) before weeds germinate, this product will provide good to excellent ergence control of the following grass and broadleaf weeds.

preemergence control of the follo	owing grass and broadleaf weeds.
COMMON NAME	SCIENTIFIC NAME
Alyssum, Hoary	Berteroa incana
Amaranth	Amaranthus palmeri
Palmer	Amaranthus spinosus
Spiny Barnyardgrass	Echinochloa crus-galli Desmodium tortuosum
Beggarweed, Florida	Cardamine hirsute
Bittercress, Hairy	Poa annua
Bluegrass, Annual	Medicago polymorpha
Burclover, California	Mollugo verticillate
Carpetweed Chickweed	Stellaria media
Common	Cerastium vulgatum
Mouseear	Corabiani valgatani
Crabgrass	Digitaria sanguinalis
Large	Digitaria ischaemum
Smooth	Digitaria ciliaris
Southern Croton Tropic	Croton glandulosus var
Croton, Tropic Dandelion	septentrionalis Taraxacum officinale
Dayflower, Benghal	Commelina benghalensis
Dogfennel	Eupatorium capillifolium
Doveweed	Murdannia nudiflora
Eclipta	Eclipta prostrata
Filaree, Redstem	Erodium cicutarium
Foxtail Bristly	Setaria verticillate
Giant	Setaria faberi
Green	Setaria viridis
Yellow	Setaria glauca
Galinsoga, Hairy	Galinsoga ciliate
Geranium, Carolina	Geranium carolinianum
Goosegrass, Indian Groundsel, Common	Eleusine indica Senecio vulgaris
Henbit	Lamium amplexicaule
Horseweed	Conyza canadensis
Indigo, Hairy	Indigofera hirsute
Jimsonweed	Datura stramonium
Kochia	Kochia scoparia
Lady's Thumb Lambsquarters, Common	Polygonum persicaria Chenopodium album
Liverwort, Common*	Marchantia polymorpha
Lovegrass, California	Eragrostis diffusa
Mallow	
Common	Malva neglecta
Little	Malva parviflora
Venice	Hibiscus trionum
Mayweed Morningglory	Anthemis cotula
Entireleaf	Ipomoea hederacea var
lvyleaf	integriuscula
Smallflower	Ipomoea hederacea
Tall	Jacquemontia tamnifolia
Moss species	Ipomoea purpurea
Mulberry Weed Nightshade	Bryum spp. Fatuoa villosa
Black	Panicum dichotomiflorum
Eastern Black	Panicum texanum
Panicum	Alchemilla arvensis
Fall	Sagina procumbens
Texas	Thlaspi arvense
Parsley-Piert	Phyllanthus tenellus
Pearlwort, Birdseye Pennycress, Field	Amaranthus blitoides
Phyllanthus, Long-stalk	Amaranthus retroflexus
Pigweed	Amaranthus hybridus
Prostrate	Amaranthus albus
Redroot	Matricaria matricarioides
Smooth	Diantaga majar
Tumble Pineapple weed	Plantago major Plantago lanceolata
Plantain	Tribulus terrestris
Broadleaf	Portulaca oleracea
Buckhorn	Richardia scabra
Puncturevine	A selection of a selection of a
Purslane, Common Pusley, Florida	Ambrosia artemisiifolia Ambrosia trifida
Ragweed	Calandrinia ciliate
Common	Barbarea vulgaris
Giant	Cassia occidentalis
Redmaids	Sesbania exaltata
Rocket, Yellow	Capsella bursa-pastoris
Senna, Coffee	Sida spinosa
Sesbania, Hemp Shepherd's-purse	Brachiaria platyphylla Polygonum pensylvanicum
Sida, Prickly (Teaweed)	Sonchus oleraceus
Signalgrass	
Smartweed, Pennsylvania	Euphorbia prostrata
Sowthistle, Annual	Euphorbia maculate
Spurge	Acanthospermum hispidum
Prostrate Spotted	Crassocephalum crepidioides
Starbur, Bristly	Cirsium arvense
Thickhead	Salsola iberica
Thistle	Abutilon theophrasti
Canada	
Russian	Amaranthus rudis
Velvetleaf Waterhemp	Amaranthus tuberculatus
Common	
Tall	Solanum nigrum
Woodsorrel, Common Yellow	Solanum ptycanthum

*Will provide some postemergent control of liverwort which will be enhanced at higher temperatures and light levels

SENSITIVE ORNAMENTAL SPECIES

Injury has been reported after application of this product to the plants listed in Table 3, especially when applied to small, recently transplanted liners. DO

NOT apply this pro cultivars of this sp Table 3 SENS ORNAMENTAL COMMON Clethra, Summers Deutzia, Slender Holly, Winterberry Hydrangea Nandina Plumbago, Cape Spirea, Japanese Wax Myrtle, South Injury other than t listed in Tables 4-6 established plants Tables 4-6 may be established a well Applications section Prio grow **Tab** Arbor Am Gia Orie Gre Wh

been applied to all cultivars of listed species, or under all environmental		
conditions and cultural practices under which these species could be grown.		
	Il scale, test on a small number of plants	
grown under similar growing con-	ditions to ensure crop safety.	
Table 4. TREES INCLUDING	CHRISTMAS TREES	
COMMON NAME	SCIENTIFIC NAME	
Arborvitae	Thuja occidentalis	
American	Thuja plicata	
Giant	Thuja orientalis	
Oriental		
Ash	Fraxinus pennsylvanica Fraxinus Americana	
Green White	Betula spp.	
Birch	Cedrus deodora	
Cedar, Deodora	Malus spp.	
Crabapple, Flowering	Populus deltoides	
Cottonwood	'	
Cypress	Cupressus sempervirens	
Italian	Chamaecyparis obtusa	
Tempelhof	Cornus florida	
Dogwood, Florida	Ulmus parvifolia	
Elm, Chinese		
Eucalyptus Silver Dollar	Eucalyptus cinerea	
Red Gum	Eucalyptus cinerea Eucalyptus camaldulensis	
Ficus	Ficus benjamina	
Fir	Todo borgariina	
Balsam	Abies balsamea	
Douglas	Pseudotsuga menzesii	
Fraser	Abies fraseri	
Grand	Abies grandis	
Korean	Abies koreana	
Noble	Abies procera	
Ginkgo Hemlock	Ginkgo biloba	
Eastern	Tsuga canadensis	
Mountain	Tsuga mertensiana	
Western	Tsuga heterophylla	
Lilac, Hungarian	Syringa josikaea	
Magnolia, Lily	Magnolia lilliflora	
Maple		
Flame	Acer ginnala	
Flowering	Abutilon hybridum	
Japanese	Acer palmatum	
Red	Acer rubrum	
Striped Mulberry, White	Acer pensylvanicum Morus alba	
Oak	Words alba	
Bear	Quercus ilicifolia	
Live	Quercus virginiana	
Pin	Quercus palustris	
Red	Quercus rubra	
Willow	Quercus phellos	
Pine	5	
Eastern White	Pinus strobus	
Jack Lacebark	Pinus banksiana	
Lacebark Loblolly	Pinus bungeana Pinus taeda	
Lodgepole	Pinus contorta	
Longleaf	Pinus palustris	
Mugo	Pinus mugo	
Ponderosa	Pinus ponderosa	
Sand	Pinus clausa	
Scotch	Pinus sylvestris	
Shortleaf	Pinus echinata	
Slash	Pinus elliottii	
Virginia	Pinus virginiana	
Plum, Beach	Prunus maritima	
Podocarpus Poplar	Podocarpus spp. Populus spp.	
Red Cedar, Eastern	Juniperus virginiana	
Redbud	Cercis canadensis	
Spruce		
Blue	Picea pungens	
Dwarf Alberta	Picea glauca conica	
Norway	Picea abies	
Serbian	Picea omorika	
Sitka	Picea sitchensis	
Sumac, Staghorn	Rhus typhina	
Sweetgum, American Sycamore	Liquidambar styraciflua	
American	Platanus occidentalis	
California	Platanus racemosa	
Yew. Japanese	Taxus cuspidata	

Table 5. SHRUBS AND GROUND COVERS

	a to oman, rodontry transplantou inforo.		COMMONTANIE	COLENTINO NAME
	listed in Table 3. In some cases, only	1	Abelia, Glossy	Abelia x grandiflora
	se injury has not been reported on other		Acacia	Acacia spp.
pecies.			Anise, Purple	Illicium floridanum
ISITIVE SPECI	ES		Barberry	Berberis spp.
SPECIES			Japanese	Berberis thunbergii
	COLENTIES MANE	ıl	William Penn	Berberis x gladwynensis
NAME	SCIENTIFIC NAME	Ш	Bayberry	Myrica pensylvanica
	Buddleia davidii	Ш	Bottlebrush	Callistemon spp.
sweet	Clethra alnifolia	Ш	Boxwood, Littleleaf	Buxus microphylla
	Deutzia gracilus "Nikko"	Ш	Camellia, Japanese	Camellia japonica
y	llex verticillata	Ш	Cinquefoil, Shrubby	Potentilla fruticosa
	Hydrangea spp.	Ш	Cotoneaster, Bearberry	Cotoneaster dammeri
	Nandina domestica "Firepower"	Ш	Crepe Myrtle ¹	Lagerstroemia indica spp.
	Plumbago auriculata	Ш	Elaeagnus	Elaeagnus spp.
•	Spiraea japonica	Ш	English Ivy	Hedera helix
thern (seedling)	Myrica cerifera	Ш	Euonymus, Winged²	Euonymus alatus
temporary leaf	spotting has not been observed on species	'	Firethorn, Scarlet	Pyracantha coccinea
	duct was applied at the labeled rate to		Forsythia	' ','
	reloped root system. Some species listed in		Border	Forsythia x intermedia
			Weeping	Forsythia suspensa
	ed before transplanted liners have		White	Abeliophyllum distichum
	t system (See Restrictions for Landscape		Gardenia, Cape Jasmine	Gardenia jasminoides
	for complete details). This product has not		Heath	Erica cinerea
	ted species, or under all environmental		Holly	Znoa omoroa
ultural practices	under which these species could be grown.		Chinese	llex cornuta
on a commercia	I scale, test on a small number of plants		Inkberry	llex glabra
ilar growing cond	ditions to ensure crop safety.		Japanese ²	llex crenata
	CHRISTMAS TREES	1	Meserve ²	Ilex x meserveae
N NAME	SCIENTIFIC NAME	1 1	Nellie R. Stevens	Ilex x Nellie R. Stevens
N NAIVIE	Thuja occidentalis	Ш	Honeysuckle, Japanese	Lonicera japonica
	Thuja occidentalis Thuja plicata	Ш	Indian Hawthorn	Rhaphiolepis indica
		Ш	Juniper	ттартногоріз така
	Thuja orientalis	Ш	Creeping	Juniperus horizontalis
	Fravinus nannaulusniss	Ш	Shore	Juniperus conferta
	Fraxinus pennsylvanica Fraxinus Americana		Singleseed	Juniperus squamata
		П	Myoporum	Myoporum parvifolium
	Betula spp.		Oleander	Nerium spp.
	Cedrus deodora		Oregon Grape	Mahonia spp.
	Malus spp.	П	Pachysandra	Pachysandra terminalis
ering	Populus deltoides		Photinia	Photinia v frageri

Photinia

Privet

Chinese¹

Japanese

Pyracantha

Sweet Flag

Tea Olive

Viburnum

Sweet1

Arrowwood

Pink Dawn

Pieris, Japanese

Pittosporum, Japanese

Rhododendron, Catawba

Sweetspire, Virginia

COMMON NAME

Photinia x fraser

Ligustrum sinense

Pyracantha spp.

Acorus calamus

Osmanthus fragrans

Viburnum x bodnantense

Viburnum odoratissimum

Itea virginica

Rosa spp.

Ligustrum japonicum

Rhododendron catawbiense

Pieris iaponica

	UIT AND NUT TREES AND VINES
COMMON NAME	SCIENTIFIC NAME
Apple	Malus spp.
Blueberry, Huckleberry	Vaccinium spp.
Bramble	Rubus spp.
Cherry, Sweet	Prunus avium
Citrus Fruits	Citrus spp.
Grape	Vitis spp.
Olive	Olea spp.
Peach	Prunum persica
Pear	Pyrus communis
Prune	Prunus spp.
Stone Fruits	Prunus spp.
Tree Nuts	• •
Walnut	Juglans spp.
Chestnut	Castanea spp.
Pecan	Carya illionoinensis
Pistachio	Pistacia vera
Almond	Prunus dulcis
Filbert	Corylus maxima

DIRECTIONS FOR USE ON ESTABLISHED TURFGRASS

This product may be applied as a single or split application to established Bermudagrass. This product provides preemergence control of annual bluegrass, goosegrass and other weeds found in Table 2. This product may be applied to turfgrass in such areas as apartment complexes, golf courses (naturalized areas, fairways, aprons, and roughs), cemeteries, sod farms, roadsides, sports fields, campgrounds, office complexes, parks, parking areas, recreational sites, schools, residential turf and other similar sites. Application of this product to turfgrass during spring green-up may cause some delay in green-up.

PREEMERGENCE APPLICATION

Apply 200 to 300 lbs. (0.25 – 0.375 lbs. ai/A) of this product per broadcast acre (4.6 to 6.9 lbs. per 1,000 sq. ft.) as a preemergence application prior to any weed germination. A higher application rate will provide longer and more consistent weed control. After application, if rain is not expected within 24 hours, irrigate the treated turf with up to 1/2" of water to obtain maximum weed control and quicker response from the fertilizer. When applying in areas with heavy weed pressure or in years with substantial rainfall following application of this product, a second application is recommended. However, DO NOT apply more than 600 lbs. (0.75 lb. ai/A) of this product per acre per year

This product provides the best control of annual bluegrass when applied in the late summer/early fall prior to any plants germinating. Control may be less effective when applied in the winter after annual bluegrass has germinated. A second application (split application) of this product may be required to provide adequate season-long annual bluegrass control

This product will provide best control of crabgrass, goosegrass and other summer annual weeds when applied in the late winter/early spring just prior to germination. Control will be less effective when applied in the spring after annual grass and broadleaf weeds have germinated. A second application (split application) of this product may be required to provide adequate season-long control of summer annual weeds.

USE AROUND BENTGRASS AND POA GREENS

This product has limited potential for lateral movement on level terrain but can potentially move down slope after excessive rainfall and affect sensitive turf species such as bentgrass, Poa annua and Poa trivialis. When applied upslope from bentgrass greens or Bermudagrass greens overseeded with Poa trivialis, allow an adequate buffer zone between greens and the treated area. If uncertain about the size of the buffer, 15 feet is suggested. Avoid application when heavy rain is imminent after application.

TOLERANT TURFGRASS SPECIES

SCIENTIFIC NAME

If a desired turfgrass species is not listed in Tables [7][3], users are advised to evaluate the safety of this product in a small area under commercial growing conditions, and monitor plant response for four to six weeks for phytotoxicity. Testing this product in a small area will determine if this product can be used safely on a widespread basis.

TABLE 7 TOLERANT TUREGRASS SPECIES COMMON NAME Kentucky bluegrass Bermudagrass Buffalograss Perennial ryegrass St. Augustinegrass Seahsore paspalum Fine fescue Chewing's fescue

RESTRICTIONS FOR APPLICATIONS TO TURFGRASS

- DO NOT apply more than 300 lb. (0.375 lb. ai) per acre in a single application.
- DO NOT apply more than 600 lb. (0.75 lb. ai) per acre per year
- **DO NOT** apply more than 2 applications at 300 lb. (0.375 lb. ai) per acre or more than 3 applications at 200 lb. (0.25 lb. ai) per acre per year
- DO NOT treat the same treatment site more than one time every 8 weeks.
- . DO NOT apply to golf course putting greens or tees.
- DO NOT apply to creeping bentgrass, or Dichondra.
- DO NOT apply within 30 days prior to cutting or lifting sod.
- . DO NOT apply to seedling turfgrass until after receiving 2 mowings

USE PRECAUTIONS FOR APPLICATIONS TO TURFGRASS

- Exercise good judgment and caution when applying to turfgrass until familiarity is gained with this product. For St. Augustinegrass temporary discoloration may result from this product. Therefore, only apply when damage can be tolerated and when good cultural practices are planned to revive any turf damage.
- Avoid applying more than 200 lbs. (0.25 lb. ai/A) of this product per acre to St. Augustinegrass · Applications to wet turfgrass may result in granules sticking to the foliage and having the herbicide release,
- which may causespotting or speckling of the foliage. · Allow 2 months between application, followed by tillage, seedbed preparation and seeding of turfgrass.
- An application of this product can occur immediately before sprigging of Bermudagrass or Zoysiagrass.
 Allow 2 weeks between application and sprigging of St. Augustine and Seashore paspalum.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store product in its original bag, in a cool, dry place out of reach of children.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest

CONTAINER HANDLING: Nonrefillable outer bag. DO NOT reuse or refill the outer bag. Completely empty bag into application equipment. Offer for recycling, if available or dispose of empty bag in a sanitary landfill or by

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW. (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INFEFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE

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