

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

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

SEP 9 2011

Craig D. Kleppe, Ph. D.
BASF Corporation
26 Davis Drive
P.O. Box 13528
Research Triangle Park, NC 27709

Subject:

Revise Master Label and Proposed Supplemental Labeling

FreeHand 1.75G Herbicide EPA Reg. No. 7969-273

Proposed Master Label Submitted: July 1, 2011

Proposed Supplemental Label Submitted: September 1, 2011

Dear Dr. Kleppe:

The master and supplemental labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records. At your next label printing, or within eighteen (18) months of the date of this letter, whichever comes first, you must incorporate this supplemental labeling into the main product labeling. A stamped copy of your label is enclosed for your records.

Submit one (1) copy of final printed labeling before you release the product for shipment. If you have any questions regarding this action, please contact Maggie Rudick at (307) 347-0257.

Sincerely,

Kable Bo Davis Product Manager 25 Herbicide Branch

Registration Division (7505P)

Group 3 15 Herbicide



ACCEPTEI

SEP 9 2011

Under the Federal Insecticide, Fungicide, and Rodersticide Act, as amended, for the pecificide registered under EPA Reg. No. 7969 - 273

For use as a preemergence weed control herbicide in ornamental production, landscape and grounds maintenance, turfgrass, and other specified noncrop areas

Active Ingredients:

dimethenamid-P: (S)-2-chloro-N-[(1-methyl-2-methoxy)ethyl]-N-(2,4-dimethyl-thien-3-yl)-acetamide ... 0.75% pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ... 1.00% Other Ingredients: ... 98.25% Total: ... 100.00% 50 lbs contains 0.375 lb of dimethenamid-P and 0.5 lb of pendimethalin.

EPA Reg. No. 7969-273

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See inside for complete First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty, and state-specific and/or use site restrictions.

In case of emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

BASF Corporation 26 Davis Drive Research Triangle Park, NC 27709



FIRST AID		
If swallowed	 Call a poison control center or doctor immediately for treatment advice. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give any liquid to the person. DO NOT give anything by mouth to an unconscious person. 	
If in eyes	 Hold eyes 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 eyes. Call a poison control center for treatment advice. 	
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 inhaled	 Move person to fresh air. If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice. 	
	HOTLINE NUMBER	

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed. Causes moderate eve irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust.

Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. For more options, refer to Category A on an EPA chemical-resistance categoryselection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- · Chemical-resistant gloves made of any waterproof materials, such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride ≥ 14 mils, or viton ≥ 14 mils
- · Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. Follow the manufacturer's instructions for cleaning and 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:

- · Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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 clothina.

Environmental Hazards

This product is toxic to fish. DO NOT apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. DO NOT contaminate water when disposing of equipment washwaters or rinsate.

Dimethenamid-P has properties that may result in groundwater contamination. Application in areas where soils are permeable or coarse and groundwater is near the surface could result in groundwater contamination. Dimethenamid-P has properties that may result in surface water contamination via dissolved runoff and runoff erosion. Practices should be followed to minimize the potential for dissolved runoff and/or runoff erosion.

Endangered Species Protection

This product may have effects on federally listed threatened or endangered plant species or their critical habitat. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the county or parish in which you are applying the

pesticide. To determine whether your county or parish has a Bulletin, and to obtain that Bulletin, consult http://www.epa.gov/espp/, or call 1-800-447-3813 no more than 6 months before using this product. Applicators must use Bulletins that are in effect in the month in which the pesticide will be applied. New Bulletins will generally be available from the above sources 6 months prior to their effective dates.

To avoid adverse effects on endangered plant species, applicators in ornamentals production must comply with the following mitigation measures where and when endangered plant species are known to occur in proximity of the application site:

If applied by ground, leave untreated buffer zone of 200 feet between treatment area and known endangered plant populations.

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 the possession of the user at the time of pesticide application. The use of **FreeHand® 1.75G herbicide** not consistent with this label can result in injury to crops, animals, or persons.

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.

BASF Corporation does not recommend or authorize the use of this product in manufacturing, processing or preparing custom blends with other products for application to ornamentals.

DO NOT contaminate irrigation ditches or water used for domestic purposes.

FreeHand 1.75G is intended for use only by certified applicators or persons under their direct supervision.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL OR CROP INJURY.

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 instructions and exceptions pertaining to the 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, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof materials, such as barrier laminate, butyl rubber
 ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber
 ≥ 14 mils, polyvinyl chloride ≥ 14 mils, or viton
 ≥ 14 mils
- Shoes plus socks
- Protective eyewear

NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard 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. Only protected applicator shall be in the treatment area during application.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage

DO NOT store above 120° F. Store in original containers and keep closed. Store in a cool, dry place.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

STORAGE AND DISPOSAL (continued)

Container Handling

(for plastic containers)

Nonrefillable Container. DO NOT reuse or refill this container. After completely emptying container into application equipment, offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

(for paper or plastic bags)
Nonrefillable Container. DO NOT reuse or refill this container. After completely emptying container into application equipment, dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

In Case Of Emergency

In case of large-scale spillage regarding this product, call:

• CHEMTREC 1-800-424-9300

• BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

Your local doctor for immediate treatment

• Your local poison control center (hospital)

• BASF Corporation 1-800-832-HELP (4357)

Use Information

Mode of Action

FreeHand® 1.75G herbicide combines two active ingredients: dimethenamid-P, a chloroacetamide, and pendimethalin, a dinitroaniline. Combined, they inhibit both plant cell microtubule assembly (cells do not divide and multiply) and cell growth, inhibiting the germinating shoot portion of the susceptible weed seedlings. A small amount of uptake may also occur through the emerging root system of the weed seedling. FreeHand 1.75G is Chemical Group 3 and Chemical Group 15 mode-of-action classifications for broader weed control spectrum.

Use Sites

FreeHand 1.75G is a selective preemergence herbicide for the control of certain annual grasses, annual broadleaf weeds and sedges as they germinate in:

- Commercial ornamental production
- Landscape and grounds maintenance
- Tree plantations including Christmas trees
- Turfgrass

FreeHand 1.75G may be applied as a soft-residual bareground treatment in the use sites listed above.

FreeHand 1.75G controls weeds as they germinate but will not control emerged and established weeds. Therefore, areas to be treated should be free of established weeds. If weeds develop prior to activation of the

herbicide, shallow cultivate to destroy existing weeds or, where practical, remove by hand.

For the control of established weeds, FreeHand 1.75G may be used in conjunction with herbicides registered for postemergence use. FreeHand 1.75G may be used before or after applications of herbicides registered for postemergence use (i.e. Basagran® T&O herbicide, Finale® herbicide, Roundup® herbicide, Segment® herbicide) for the control of established weeds. DO NOT apply sprays containing Finale or Roundup over the top of desirable plants. Consult the labels of those herbicides for use rates, timings, and precautions or restrictions.

A **FreeHand 1.75G** treatment may be followed by any registered herbicide to control weeds not listed on the **FreeHand 1.75G** label.

Application Information

FreeHand 1.75G will provide the most effective weed control when applied by ground spreader equipment and subsequently incorporated into soil by 1/2 inch of rainfall in sprinkler irrigation, or by mechanical methods prior to weed seedling emergence.

Ground Application

Apply **FreeHand 1.75G** with properly calibrated spreader equipment to provide uniform distribution. Check application routinely to determine proper calibration. Avoid overlaps that will increase use rates above those stated on this label. Avoid application when winds may cause drift. Avoid unintentional contact of granules with driveways, stone, wood or other porous surfaces. **FreeHand 1.75G** may cause temporary discoloration of treated surfaces. Sweep surfaces clean immediately to avoid staining. If granules are crushed into surface, rinse thoroughly.

Application Use Rates

For preemergence control of the listed weed species (see **Table 3** in **Weed Species Controlled** section) using broadcast spreader equipment, apply **FreeHand 1.75G** at the following rates.

Applied according to label directions and under normal growing conditions, **FreeHand 1.75G** will not cause injury to desirable plants. Overapplication can result in stand loss, plant injury, or soil residues. Uneven application can decrease weed control or cause plant injury.

Table 1. Application Rates for FreeHand 1.75G

Application Rate* (lbs product per acre)	Amount (lbs product per 1000 sq ft)	Amount (lb product per 100 sq ft)
100	2.3	0.23
150	3.4	0.34
200	4.6	0.46

*DO NOT apply more than 150 lbs/A in a single application in **New York** state.

<u>ام</u> (2)

All granular herbicide products, including

FreeHand® 1.75G herbicide, have different prill sizes. Therefore, to deliver the proper rate, the applicator must calibrate prior to application of product. The

FreeHand 1.75G calibration tray may be used to calibrate the correct application rate. Rate settings for a specific type of spreader device must be determined by the applicator. A guide to the use of various spreaders is provided in the following table.

Spreader Use Guide

Spreader Type	Spreader Operation	Setting	Swath of Throw (feet)	Rate Range (lbs product/A)
EarthWay ¹	1-sided	7 to 10	3	200
EarthWay ²	2-sided	11 to 12	3 to 5	150 to 200
John Deere- Lesco Rotary	Not applicable	D to F	Not given	100 to 150
Scott Rotaries				
R-7, R-7x, R-8, R-8A, SR-1 (cone 9)	Not applicable	D to E1/2	8	100 to 150
Solo Spreader 421S³	1-sided	1 to 3	3 to 4	100
Solo Spreader 421S ⁴	2-sided	2 to 6	3 to 4	200
Spyker #75°	1-sided	3 to 5	3 to 5	100
Warren T7IIb	1-sided	3 to 5	3 to 5	100
Warren T7ll°	2-sided	3 to 6	3 to 6	100

Spreader Efficiency Tips

- ¹ For EarthWay 1-sided: Close right slide on spreader to throw to the right.
- ² For EarthWay 2-sided: Close left slide about 1/4 to achieve better left center to right distribution for 2-sided throw.
- ³ **For Solo 1-sided:** Position lever to the right (this gives a pattern all to the left and avoids depositing product into operator's hands or body).
- ⁴ For Solo 2-sided: Position lever halfway between center and right position.
- ^a **For Spyker:** Rotate spreader to right so first mold pen mark is on top at 24° to give best distribution. NOT recommended for 2-sided use.
- ^b For Warren 1-sided: Distribution place control on front all the way to the left so pattern spreads to left and not into the applicator's arms.
- For Warren 2-sided: Position lever in center for best distribution.

FreeHand 1.75G may be applied in a single application or in sequential applications.

For extended weed control or where heavy weed infestations are expected, sequential (repeat) applications of **FreeHand 1.75G** can be made 5 to 8 weeks between applications.

Application Restrictions and Limitations

- Maximum annual use rate DO NOT apply more than a total of 400 lbs/A FreeHand 1.75G per crop in a single growing season. DO NOT apply more than a total of 300 lbs/A FreeHand 1.75G per crop in a single growing season in New York state.
- DO NOT apply more than 200 lbs/A FreeHand 1.75G in a single application.
- DO NOT apply FreeHand 1.75G to actively growing turfgrass and/or ornamental plants when springtime soil temperature is less than 55° F and under wet soil conditions, or turfgrass/plant injury may occur.
- DO NOT apply FreeHand 1.75G as an aerial application.
- DO NOT apply FreeHand 1.75G in greenhouses, polyhouses or other fully enclosed greenhouse-type structures.
- DO NOT treat plants grown for food or feed.
- DO NOT use treated plants for food or feed.
- DO NOT apply to nonbearing fruit and nut trees within one year before harvest of food crop.
- To avoid the possibility of plant damage, DO NOT apply FreeHand 1.75G to turfgrass or ornamental plants growing under stress because of lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures. Diseases, cold weather, excessive moisture, high soil pH, high soil salt concentration, or drought can weaken plants and increase the possibility of damage from FreeHand 1.75G.
- If **FreeHand 1.75G** is not activated by rainfall or irrigation within 30 days, erratic weed control may result.
- Unusually cold, excessively wet, or hot and dry conditions that delay or extend weed seed germination can reduce weed control.

Specific Information for Use Sites

Commercial Ornamental Production

FreeHand 1.75G can be used in and around container and field nurseries.

Applications can be made, but are not limited to, ornamental plant species listed on this label, such as trees, shrubs, ground covers, herbaceous perennials, ornamental grasses, and bedding plants. Applications can also be

made to nurseries such as seedling nonbearing fruit and nut trees within one year before producing food crop, conifer and hardwood seedling nurseries, and tree plantations (including Christmas trees).

NOTE: FreeHand® 1.75G herbicide can only be used on established liner beds with well-rooted plants and/or rootstocks.

Plant Tolerance

FreeHand 1.75G can be used around and over the top of the established ornamental plants listed in Table 2 of this label. However, not all varieties or strains of the ornamental plants listed have been tested. FreeHand 1.75G may be used on ornamental plant species not listed on this label when grower assumes responsibility. Determine the suitability for such uses by treating a small number of such plants at the specified rate. Evaluate treated plants for at least 2 months following treatment for possible injury. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE USER ASSUMES RESPONSIBILITY FOR ANY CROP DAMAGE OR OTHER LIABILITY ASSOCIATED WITH APPLICATIONS TO ORNAMENTAL PLANTS NOT LISTED ON THIS LABEL.

Refer to the **Application Information** section in this label before any application of **FreeHand 1.75G**. Unintentional consequences, such as ornamental injury, may result because of certain environmental or growing conditions, manner of use or application.

Refer to **Table 1** for application rates, **Table 2** for list of ornamental species, and **Table 3** for weeds controlled.

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Specific Ornamentals¹ Use Site Instructions

Cita	Application Instructions and Destrictions
Site	Application Instructions and Restrictions
Newly transplanted field-grown nursery plants	• DO NOT apply until transplants have been watered and soil has been thoroughly packed and settled around transplants. Care must be taken to ensure there are no cracks in the soil where FreeHand® 1.75G herbicide could come into contact with the roots.
	DO NOT apply during bud swell, bud break or at time of first flush of new growth.
Newly transplanted container-grown nursery plants	DO NOT apply until transplants have been watered and soil has been thoroughly packed and settled around transplants. Care must be taken to ensure there are no cracks in the soil where FreeHand 1.75G could come into contact with the roots.
	For container-grown ornamentals, delay first application of the product to bareroot liners for 2 weeks after transplanting to allow for root establishment.
	DO NOT apply during bud swell, bud break or at time of first flush of new growth.
·	DO NOT apply to any size plug or liner tray.
	DO NOT apply to plugs or unrooted liners or cuttings being transplanted into pots.
Established container or field-grown nursery plants	DO NOT apply during bud swell, bud break or at time of first flush of new growth.
	Care must be taken to ensure there are no cracks in the soil where FreeHand 1.75G could come into contact with the roots.
Field-grown or container-grown production bulbs	For use in ornamental bulb-like crops such as caladium, calla lily, gladiolus, and lilies.
	• In field production, apply FreeHand 1.75G to the soil surface only after the crop has been planted and the soil has been settled by several irrigations but prior to weed seed germination.
	• In fall-planted daffodil, iris or lilies, make an initial application of. FreeHand 1.75G following plant establishment; then make a sequential application of FreeHand 1.75G in late winter or early spring prior to weed seed germination.
	• In container production, apply FreeHand 1.75G to a weed-free surface either before bulb emergence or after leaf emergence from an established plant crown.
	Apply FreeHand 1.75G before, during or after bulb emergence.
Bareground pad for container placement	Apply to bareground pad (such as soil, mulch, gravel, wood chips, or other permeable base); then water in; then replace containerized ornamentals onto the
Gravel or ground floor of open-sided lathhouses (shadehouses) or other polyhouse structures that allow polycovers to be removed on a seasonal basis	pad.
Greenhouses, polyhouses or other enclosed structures	DO NOT apply in greenhouses, polyhouses or other fully enclosed greenhouse-type structures.
Landscape uses	Care must be taken that soil or planting mixes have settled firmly following transplanting, and there are no cracks that would allow direct contact of FreeHand 1.75G with roots. Applications where soil and media surfaces are uniformly covered will result in best weed control and ornamental tolerance.

¹ Plant only those desirable plant species listed on this label into soil treated the previous season with **FreeHand 1.75G** or injury may occur.

Specific Ornamentals¹ Use Site Instructions (continued)

Site	Application Instructions and Restrictions
SENSITIVE Ornamental Speci	es - Special Precautions
Ornamental grasses	Unacceptable phytotoxicity may occur to the following ornamental grasses. FreeHand® 1.75G herbicide should not be applied.
	Blue fescue Festuca ovina glauca Fountain grass Pennisetum setaceum Feather reed grass Calamagrostis spp.
	NOTE: Test all other ornamental grasses on a small number of plants before and evaluate for 2 months after application prior to use in production.
Herbaceous perennials	Unacceptable phytotoxicity may occur to the following herbaceous perennials. FreeHand 1.75G should not be applied.
	Black-eyed Susan Rudbeckia fulgida Blue star Amsonia spp. Butterfly flower Asclepias tuberosa Butterfly weed Asclepias tuberosa Cape leadwort Plumbago spp. Columbine Aquilegia spp. Dead nettle Lamium spp. Periwinkle Vinca minor Phlox Phlox paniculata Pincushion flower Scabiosa spp. Speedwell, spiked Veronica spicata other Veronica spp. Tickseed Coreopsis auriculata
Annual bedding plants	DO NOT apply FreeHand 1.75G to begonia or severe injury will occur. Freehand 1.75G application to gomphrena and New Guinea impatiens may cause injury in some cultivars.
Ferns	Applications of FreeHand 1.75G to immature ferns during periods of new growth of fronds may result in some injury.
Hydrangea	Not all hydrangea cultivars may respond to the herbicide application with the same tolerance. Before treating an entire block of plants, apply only to a small number of plants and evaluate for 2 months for tolerance.

DO NOT apply **FreeHand 1.75G** sequentially to the following listed species. During the growing season, a second application of **FreeHand 1.75G** can be made if a herbicide of a different mode of action is applied between **FreeHand 1.75G** applications. **FreeHand 1.75G** applications must be separated by at least 16 weeks.

Coneflower	Echinacea spp.	Sage	Salvia spp.
Creeping phlox	Phlox subulata	Spirea	Spiraea spp.
Golden rod	Solidago spp.	Thrift	Armeria spp.
Hydrangea	Hydrangea spp.	Turtlehead/Snakehead	Chelone spp.
Loropetalum	Loropetalum chinense	Viburnum	Viburnum spp.
Magnolia	Magnolia spp.	Western hemlock	Tsuga heterophylla

¹ Plant only those desirable plant species listed on this label into soil treated the previous season with **FreeHand 1.75G** or injury may occur.

Table 2. Ornamental Species

Common Name	Scientific Name
	rees
Alder, European black	Alnus glutinosa
Almond (nonbearing)	Prunus dulcis
Apple (nonbearing)	Malus spp.
Apricot (nonbearing)	Prunus armeniaca
Arborvitae	Thuja spp.
Arborvitae, American	Thuja occidentalis
Arborvitae, Oriental	Thuja orientalis
Arbutus	Arbutus spp.
Ash	Fraxinus spp.
Aspen	Populus spp.
Avocado (nonbearing)	Persea americana
Basswood	Tilia spp.
Birch	Betula spp.
Blackberry (nonbearing)	Rubus ursinus
	R. arvensis
Blueberry (nonbearing)	Vaccinium spp.
Blueberry tree, Japanese	Elaeocarpus decipiens
Boxelder	Acer negundo
Boysenberry (nonbearing)	Rubus ursinus x idaeus
Buckeye, red	Aesculus pavia
Cedar, Eastern red	Juniperus virginiana
Cedar, Japanese	Cryptomeria japonica
Cedar, Western red	Thuja plicata
Cedar, white	Thuja spp.
Chamaecyparis, boulevard	Chamaecyparis pisifera
Cherry (nonbearing)	Prunus spp.
Cottonwood	Populus deltoides
Crabapple (nonbearing)	Malus spp.
Crape myrtle	Lagerstroemia indica
Cryptomeria, Japanese cedar	Cryptomeria japonica
Currant (nonbearing)	Ribes petraeum
	R. spicatum
Cypress, Italian	Cupressus sempervirens
Cypress, bald	Taxodium distichum
Cypress, Leyland	Cupressocyparis leylandii
Dewberry (nonbearing)	Rubus aboriginum
Dogwood	Cornus spp.
Dogwood, flowering	Cornus florida
Elderberry (nonbearing)	Sambucus spp.
Elm	Ulmus japonica
Fig (nonbearing)	Ficus godeffroyi
- 13 (FIOTIDOGENIS)	F. prolixa
	F. tinctoria
Filbert (nonbearing)	Corylus avellana
Fir	Abies spp.
Fir, Douglas	Pseudotsuga menziesii
Fir, Fraser	Abies fraseri
Franklinia	Franklinia spp.

Table 2. Ornamental Species (continued)

Table 2. Ornamental Species (continued)		
Common Name	Scientific Name	
Trees	(cantinued)	
Ginkgo	Ginkgo biloba	
Gooseberry (nonbearing)	Ribes spp.	
Grape (nonbearing)	Vitis spp.	
Grapefruit (nonbearing)	Citrus x paradisi	
Gum, black	Nyssa sylvatica	
Hawthorn	Crataegus spp.	
Hemlock	Tsuga spp.	
Hemlock, Western	Tsuga heterophylla	
Holly	llex spp.	
Kiwi (nonbearing)	Actinidia chinensis	
Lemon (nonbearing)	Citrus x limon	
Lilac	Syringa spp.	
Linden	Tilia spp.	
Locust, honey	Gleditsia triacanthos	
Loganberry (nonbearing)	Rubus loganobaccus	
Macadamia nut (nonbearing		
	M. tetraphylla	
Magnolia	Magnolia spp.	
Magnolia, saucer	Magnolia soulangiana	
Magnolia, Southern	Magnolia grandiflora	
Maidenhair tree	Ginkgo biloba	
Maple	Acer spp.	
Maple, Japanese	Acer palmatum	
Maple, red	Acer rubrum	
Maple, sugar	Acer saccharum	
Nannyberry, rusty	Viburnum rufidulum	
Nectarine (nonbearing)	Prunus persica	
Oak	Quercus spp.	
Olive (nonbearing)	Olea europaea	
Orange (nonbearing)	Citrus spp.	
Palm, date	Phoenix spp.	
Palm, fan	Washingtonia spp.	
Palm, palmetto	Sabal minor	
Palm, pindo	Butia spp.	
Palm, windmill	Trachycarpus spp.	
Peach (nonbearing)		
	Prunus persica	
Pear, Bradford	Pyrus calleryana 'Bradford'	
Pear (nonbearing)	Pyrus communis	
Pecan (nonbearing)	Carya illinoinensis	
Pine Pine	Pinus spp.	
Pine, loblolly	Pinus taeda	
Pine, white	Pinus strobus	
Pistachio (nonbearing)	Pistacia mexicana	
Dl /a a a la	P. vera	
Plum (nonbearing)	Prunus domestica	
Plum, purple leaf	Prunus cerasifera	
Pomegranate (nonbearing)	Punica granatum	
Poplar, black	Populus nigra	
Prune (nonbearing)	Carex corrugata	
	(continued)	

Table 2. Ornamental Species (continued)

Common Name	Scientific Name
Tree	s (continued)
Raspberry (nonbearing)	Rubus idaeus
Redbud	Cercis canadensis
Red ironbark	Eucalyptus sideroxylon 'Rosea'
Redwood, dawn	Metasequoia glyptostroboides
Sequoia, giant	Sequoiadendron giganteum
Serviceberry	Amelanchier spp.
Sourwood	Oxydendrum arboreum
Spruce	Picea spp.
Sweetgum	Liquidambar styraciflua
Sycamore	Platanus occidentalis
Tulip tree	Liriodendron tulipifera
Walnut, black (nonbearing)	
Walnut, English (nonbearin	
Willow	Salix spp.
Yellowwood	Cladrastis lutea
Zelkova, Japanese	Zelkova spp.
	Shrubs
Abelia, glossy	Abelia grandiflora
Althaea	Hibiscus spp.
Andromeda	Pieris japonica
Aucuba, gold	Aucuba japonica
Azalea	Rhododendron spp.
Bamboo, heavenly	Nandina domestica
Barberry	Berberis spp.
Darberry	Berberis thunbergii
Blue indigo bush	Dalea gregii
Blue mist spirea	Caryopteris clandonensis
Bottlebrush, lemon	Callistemon citrinus
Boxwood, common	Buxus spp.
Boxwood, Japanese	Buxus microphylla
Brittlebush	Encelia farinosa
Butterfly bush	Buddleia davidii
Buttonbush	Cephalanthus occidentalis
Camellia	Camellia spp.
Cape jasmine	Gardenia jasminoides
Cassia, feathery	Cassia artemisioides
Chinese fringe flower	Loropetalum chinense
Chinese mitchhazel	Loropetalum childense
Cordyline	Cordyline spp.
Correa	Correa spp.
Cotoneaster	Cotoneaster spp.
	Deutzia gracilis
Deutzia, slender	
Dogwood, red twig	Cornus sericea
Easter rose	Kerria japonica
Elaeagnus	Elaeagnus ebbingei
Elderberry	Sambucus nigra
Escallonia	Escallonia fradesii

Table 2. Ornamental Species (continued)

Common Name	Scientific Name
Shrub	S (continued)
Euonymus	Euonymus spp.
Firethorn	Pyracantha coccinea
Forsythia, border	Forsythia intermedia
Fragrant olive	Osmanthus fragrans
Fuchsia, California	Zauschineria californica
Gardenia	Gardenia jasminoides
Hawthorne, Indian	Raphiolepis indica
Hibiscus	Hibiscus spp.
Holly	llex spp.
Holly, Chinese	llex cornuta
Holly, Japanese	llex crenata
Honeysuckle, bush	Diervilla lonicera
Hopseed bush	Dodonaea viscosa
Hydrangea	Hydrangea macrophylla
Juniper	Juniperus spp.
Laurel, cherry	Prunus laurocerasus
Laurel, mountain	Kalmia latifolia
Laurel, Otto Luyken	Prunus laurocerasus
Laurel, Schipka	Prunus schipkanensis
Lavender, English	Lavandula angustifolia
Leucothoe	Leucothoe spp.
Lilac	Syringa spp.
Lily of the Nile	Agapanthus africanus
Loropetalum	Loropetalum chinense
Mahonia	Mahonia spp.
Mock orange	Pittosporum tobira
Myrtle, compact	Myrtus communis
Myrtle, wax	Myrica cerifera
Nandina	Nandina domestica
Oleander	Nerium oleander
Oregon grape	Mahonia spp.
Osmanthus	Osmanthus spp.
Palm, European fan	Chamaerops humilis
Palm, Mediterranean fan	Chamaerops spp.
Phlox, prickly	Leptodactylon californicum
Photinia, Fraser	Photinia x fraseri
Pieris, Japanese	Pieris japonica
Pine, Mugo	Pinus mugo
Pittosporum	Pittosporum tobira
Plum, Natal	Carissa grandiflora
Privet	Ligustrum spp.
Privet, waxleaf	Ligustrum japonicum
Pyracantha	Pyracantha coccinea
Quince	Chaenomeles spp.
Quince, flowering	Chaenomeles japonica
Ranger, Texas	Leucophyllum frutescens
Redroot	Ceanothus spp.
Red-tip	Photinia x fraseri
Rhododendron	Rhododendron spp.
	(continued)

Table 2. Ornamental Species (continued)

Rose Rosa spp. Rose-of-Sharon Hibiscus spp. St. Johnswort Hypericum spp. Spice plant Illicium parviflorum Spirea Spirea sp. Spirea, Anthony Waterer Spiraea x bumalda Sweet bay Laurus nobilis Trumpet bush Tecoma stans Verbena, lemon Aloysia triphylla Viburnum, shasta Viburnum plicatum f. tomentosum Viburnum, sweet Viburnum odoratissimum Vitex Vitex spp. Weigela Weigela florida Wild illac Ceanothus spp. Wisteria Wisteria spp. Xylosma Xylosma congestum Yellowbells Tecoma stans Yew Taxus spp. Taxus paccata Yew, Southern Podocarpus macrophyllus Yucca, Adam's needle Yucca spp. Aluga Aluga reptans Baby sun rose Aptenia cordifolia Beach strawberry Fragaria chiloensis Capeweed Arctotheca calendula Cinquefoil, spring Potentilla spp. Potentilla fruticosa Coyotebrush, dwarf Baccharis pitularis Daisy, trailing African Osteospermum fruticosum Dymondia Dymondia margaretae Gazania Gazania splendens Geranium, ivyleaf Pelargonium peltatum Green and gold Chrysogonum virginianum Iceplant, large leaf Carpobrotus edulis Ivy, English Hedera helix Jasmine, Primrose Jasminum mesnvi Jessamine, Carolina Gelsemium sempervirens Liiyturf, big blue or giant Liriope muscari Manzanita, bearberry Arctostaphylos uva-ursi Mondograss Ophiopogon japonica Morningglory Convolvulus spp. Myoporum Myoporum parviflolium Pachysandra Pachysandra terminalis Red apple Aptenia cordifolia	Common Name	Scientific Name
Rose	Common Name	
Rose-of-Sharon Hibiscus spp. St. Johnswort Hypericum spp. Spice plant Illicium parviflorum Spirea Spiraea spp. Spirea, Anthony Waterer Spiraea spp. Syeet bay Laurus nobilis Trumpet bush Tecoma stans Verbena, lemon Aloysia triphylla Viburnum yiburnum spp. Viburnum, shasta Viburnum plicatum f. tomentosum Viburnum, sweet Vitex spp. Weigela Weigela florida Wid Illac Ceanothus spp. Wisteria Wisteria spp. Xylosma Xylosma congestum Yellowbells Tecoma stans Yew, Southern Podocarpus macrophyllus Yucca, Adam's needle Yucca spp. Ground Covers Aluga Aluga reptans Baby sun rose Aptenia cordifolia Beach strawberry Fragaria chiloensis Capeweed Arctotheca calendula Cinquefoil, spring Potentilla fruticosa Dymondia Dymondia margaretae Gazania Gazania splendens Geranium, ivyleaf Pelargonium peltatum Green and gold Chrysogonum virginianum Iceplant, large leaf Carpobrotus edulis Liriope muscari Manzanita, bearberry Arctostaphylos uva-ursi Mondograss Ophiopogon japonica Morningglory Convolvulus spp. Myoporum Myoporum parviflolium Pachysandra Pachysandra terminalis Red apple Aptenia cordifolia Rosemary Rosemarinus officinalis	Shrub	S (continued)
St. Johnswort Hypericum spp. Spice plant Illicium parviflorum Spirea Spireae spp. Spirea, Anthony Waterer Spiraea x bumalda Sweet bay Laurus nobilis Trumpet bush Tecoma stans Verbena, lemon Aloysia triphylla Viburnum Viburnum spp. Viburnum, shasta Viburnum plicatum I. tomentosum Viburnum, sweet Viburnum odoratissimum Vitex Vitex spp. Weigela Weigela florida Wild lilac Ceanothus spp. Wisteria Wisteria spp. Xylosma Xylosma congestum Yellowbells Tecoma stans Yew, Southern Podocarpus macrophyllus Yucca, Adam's needle Yuca spp. Ground Covers Ajuga Ajuga reptans Baby sun rose Aptenia cordifolia Beach strawberry Fragaria chiloensis Capeweed Arctotheca calendula Cinquefoil, spring Potentilla fruticosa Coyotebrush, dwarf Baccharis pitularis Daisy, trailing African Osteospermum fruticosum Dymondia Dymondia margaretae Gazania Gazania splendens Geranium, ivyleaf Pelargonium peltatum Green and gold Chrysogonum virginianum loeplant, large leaf Carpobrotus edulis Ily, English Hedera helix Jasmine, Asiatic Trachelospermum asiaticum Jasmine, primrose Jasminum mesnyi Jessamine, Carolina Gelsemium sempervirens Lilyturf, big blue or giant Liriope muscari Manzanita, bearberry Arctostaphylos uva-ursi Mondograss Ophiopogon japonica Morningglory Convolvulus spp. Myoporum Myoporum parvifflolium Pachysandra Pachysandra terminalis Red apple Aptenia cordifolia		
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Spirea, Anthony Waterer Sweet bay Laurus nobilis Trumpet bush Tecoma stans Verbena, lemon Aloysia triphylla Viburnum Viburnum plicatum f. tomentosum Viburnum, shasta Vitex Vitex spp. Weigela Weigela Weigela florida Wild iliac Ceanothus spp. Wisteria Wisteria Wisteria Wyosma Yellowbells Tecoma stans Yew Taxus spp. Taxus baccata Yew, Southern Yucca, Adam's needle Yucca spp. Ground Covers Ajuga Aluga Potentilla spp. Potentilla fruticosa Beach strawberry Fragaria chiloensis Capeweed Arctotheca calendula Cinquefoil, spring Potentilla fruticosa Baby trailling African Dymondia Dymondia Dymondia Geranium, ivyleaf Gerand Geranium, large leaf Carpobrotus edulis Ivy. English Hedera helix Jasmine, Asiatic Trachelospermum asiaticum Daisy, trailing, primrose Jasminum mesnyi Jessamine, Carolina Lilyturf, big blue or giant Manzanita, bearberry Arctostaphylos uva-ursi Mondograss Pachysandra Pachysandra Pachysandra Pachysandra Pachysandra Pachysandra terminalis Red apple Aptenia cordifolia Rosemarinus officinalis	Spice plant	Illicium parviflorum
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Trumpet bush	Spirea, Anthony Waterer	Spiraea x bumalda
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Yew, Southern Yucca, Adam's needle Yucca spp. Ground Covers: Ajuga Ajuga reptans Baby sun rose Aptenia cordifolia Beach strawberry Fragaria chiloensis Capeweed Arctotheca calendula Cinquefoil, spring Potentilla spp. Potentilla fruticosa Coyotebrush, dwarf Baccharis pitularis Daisy, trailing African Osteospermum fruticosum Dymondia Dymondia margaretae Gazania Gazania Gazania splendens Geren and gold Chrysogonum virginianum Iceplant, large leaf Carpobrotus edulis Ivy, English Hedera helix Jasmine, Asiatic Jasmine, primrose Jasminum sempervirens Lilyturf, big blue or giant Liriope muscari Manzanita, bearberry Arctostaphylos uva-ursi Mondograss Ophiopogon japonica Morningglory Convolvulus spp. Myoporum Myoporum parviflolium Pachysandra Pachysandra terminalis Red apple Aptenia cordifolia Rosemary Rosemarinus officinalis	Yellowbells	Tecoma stans
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	Red apple	
(continued)	Rosemary	MALE

Table 2. Ornamental Species (continued)

Common Name	Scientific Name
Ground C	overs (continued)
St. Johnswort, creeping	Hypericum calycinum
Sand strawberry	Fragaria chiloensis
Sedum/Stonecrop	Sedum spp.
Verbena	Verbena spp.
Vervain	Verbena spp.
Vetch, crown	Vicia sativa
Wintercreeper	Euonymus fortunei
•	ous Perennials
Acacia	Acacia redolens
Alumroot	Heuchera sanguinea
	Anemone hupehensis
Anemone	
Asparagus Aster, New York	Asparagus spp.
Aster, Stokes	Aster novi-belgii Stokesia laevis
Astilbe (False spirea)	
Baby's breath	Astilbe spp. Gypsophila elegans
Beardtongue	Penstemon digitalis
Deardiongue	P. x mexicali
Bee balm	Monarda didyma
Beliflower	Campanula spp.
Bergenia	Bergenia spp.
Blanket flower	Gaillardia x grandiflora
Bleeding heart	Dicentra spectabilis
Blue false indigo	Baptisia australis
Bugbane	Cimicifuga racemosa
California poppy	Eschscholzia californica
Calla lily	Zantedeschia aethiopica
Canadian ginger	Asarum canadese
Candytuft	Iberis spp.
Canna, common garden	Canna generalis 'Lucifer'
Carex	Carex spp.
Cast iron plant	Aspidistra elatior
Chincherinchee	Ornithogalum thyrsoides
Christmas rose	Helleborus spp.
Cinquefoil	Potentilla spp.
Clematis	Clematis spp.
Clover, crimson	Trifolium incarnatum
Cohosh, black	Cimicifuga racemosa
Coneflower	Echinacea spp.
Coral bells	Heuchera sanguinea
Crinum lily	
Crocus	Crinum spp.
Daffodil	Crocus spp.
Daylily	Narcissus spp. Hemerocallis spp.
Fairy duster	Calliandra eriophylla
False dragonhead	Physostegia virginiana
Fern, asparagus	Asparagus officinalis
Fern, autumn	Dryopteris erythrosora
Fern, Boston	Nephrolepis exaltata

Table 2. Ornamental Species (continued)

Common Name	Scientific Name	
Herbaceous I	Perennials (continued)	
Fern, leatherleaf	Rumohra adiantiformis	
Fern, tree	Asparagus virgatus	
Flag	Iris spp.	
Flax, blue	Línum perenne	
Flax, New Zealand	Phlormium colinsoi	
Foamflower	Tiarella spp.	
Fortnight lily	Moraea spp.	
Foxglove	Digitalis spp.	
Freesia	Freesia x hybrida	
Fuchsia, Arizona	Zauschneria californica	
Gaura	Gaura lindheimeri	
Gladiolus	Gladiolus spp.	
Goldenrod	Solidago spp.	
leather, Mexican/Cigar plar	nt Cuphea hyssopifolia	
Hen and chicks	Sempervivum spp.	
Hopflower oregano	Origanum libanoticum	
Hosta	Hosta spp.	
-lyssop	Agastache spp.	
ce plant	Delosperma spp.	
ndian blanket	Gaillardia pulchella	
ris	Iris spp.	
ronweed, New York	Vernonia noveboracensis	
Jacob's ladder	Polemonium boreale	
Jasmine, confederate	Trachelospermum	
	jasminoides	
Joepye weed, spotted	Eupatorium spp.	
Jupiter's beard	Centranthus ruber	
_ady's mantle	Alchemilla mollis	
antana	Lantana spp.	
avender cotton	Santolinia chamaecyparissus	
_avender, English	Lavandula angustifolia	
_enten rose	Helleborus niger	
eopard's bane	Doronicum cordatum	
ily	Lillium spp.	
ily of the Nile	Agapanthus africanus	
ily, plantain	Hosta fortunei	
_iriope	Liriope spp.	
obelia	Lobelia hybrids	
oosestrife, garden	Lysimachia puntata	
Mexican petunia	Ruellia spp.	
Montbretia	Crocosmia crocosmiiflora	
Mum, hardy	Dendranthema spp.	
Nightshade	Solanum spp.	
Orchid, peacock	Acidanthera bicolor	
Oxeye daisy	Chrysanthemum	
JAOYU UUIOY	leucanthemum	
)xeve smooth		
Oxeye, smooth Peony, Chinese	Heliopsis helianthoides Paeonia lactiflora	

Table 2. Ornamental Species (continued)

Common Name	Scientific Name	
	erennials (continued)	
Prickly pear, devil's tongue		
Primrose, fairy	Primula malacoides	
Purple coneflower	Echinacea spp.	
Purple loosestrife	Lythrum virgatum	
Pussytoes, small-leaf	Antennaria spp.	
Redhot poker	Kniphofia uvaria	
Rock cress	Aubrieta spp.	
Rosemary	Rosmarinus officinalis	
Ruscus, Israeli	Ruscus hypophyllum	
Sage	Salvia spp.	
Sage (hotonical)	Salvia x superba	
Sage (botanical)	Salvia nemerosa	
Sage, Mexican	Salvia farinacea	
Sage, pineapple	Salvia elegans	
Sage, Ramona Sage, Russian	Salvia sylvestris	
Sedge Sedge	Perovskia atriplicifolia	
Shasta daisy	Carex spp.	
Shellplant	Chrysanthemum x superbum	
Shrub verbena	Alpinia zerumbet Lantana spp.	
Sneezeweed, common	Helenium autumnale	
Speedwell, spiked		
	Veronica spicata	
Spiderwort Stokes aster	Tradescantia spp. Stokesia laevis	
Stonecrop	Sedum spp.	
Sunflower	Helianthus spp.	
Sunflower, false	Heliopsis helianthoides	
Sun rose, rock rose	Helianthemum spp.	
Sweet flag	Acorus calamus	
Texas bluebonnet	Lupinus subcarnosus	
Thoroughwort		
Thrift sea pink	Eupatorium rugosa	
Tickseed	Armeria martima	
	Coreopsis lanceolata	
Transvaal daisy	Gerbera jamesonii	
Trumpet, golden	Allamanda cathartica	
Tulip Tutlahaad (Chalcahaad	Tulipa spp.	
Turtlehead/Snakehead	Chelone spp.	
Twinspur Varbana rass	Diasciascia barbaerae	
Verbena, rose	Verbena canadensis	
Veronica, Turkish	Veronica liwanensis	
Wonder flower	Ornithogalum thyrsoides	
Yarrow	Achillea millefolium	
Zephyr lily	Zephyranthes spp.	

Table 2. Ornamental Species (continued)

Common Name	Scientific Name
Ornamer	ntal Grasses
Beach grass	Ammophila breviligulata
Pampas grass	Cortaderia selloiana
Reed canary grass	Phalaris arundinacea
Reed, giant	Arundo spp.
Ribbon grass	Phalaris arundinacea
Silver grass	Miscanthus spp.
Tufted hair grass	Deschampsia caespitosa
	ng Plants
Ageratum	Ageratum houstonianum
Alyssum	Alyssum saxatile
Alyssum, sweet	Lobularia maritima
Anemone, poppy-flowered	Anemone coronaria
Angelonia	Angelonia angustifolia
Summer snapdragon	
Artemesia	Artemesia spp.
Balloonflower	Platycodon grandiflorum
Cabbage, ornamental	Brassica oleracea
China aster	Callistephus chinensis
Coleus	Solenostemon scutellarioides
Coleus blumei	S. blumei
Crocosmia, Montebretia	Crocosmia x crocosmiiflora
Dahlia	Dahlia spp.
Dianthus	Dianthus spp.
Dusty miller	Senecio cineraria
Elephant ear	Caladium spp.
Fanflower	Scaevola spp.
Gayfeather	Liatris spp.
Gazania	Gazania spp.
Geranium	Geranium spp.
Gloxin <u>ia</u>	Gloxinia simningia
mpatiens	Impatiens spp.
Kale, ornamental	Brassica napus
Marigold, African	Tagetes erecta
Moss rose	Portulaca grandiflora
Mum, garden	Chrysanthemum spp.
Pansy	Viola tricolor
Periwinkle, rose	Catharanthus roseus
Petunia	Petunia spp.
Plumosa cockscomb	Celosia cristata
Portulaca	Portulaça grandiflora
Primrose, evening	Oenothera spp.
Sage, scarlet	Salvia splendens
Snapdragon	Antirrhinum majus
Statice	Limonium spp.
Sweet potato, ornamental	Ipomoea batatas
Sweet William	Dianthus spp.
Verbena	Verbena x hybrida

Landscape and Grounds Maintenance

FreeHand® 1.75G herbicide can be used in landscape and grounds maintenance programs to provide extended preemergence weed control. Areas to be treated include those areas where gravel, pebble, stone, rock and other porous surfaces are used in landscaping instead of organic mulches. FreeHand 1.75G can be used in and around established ornamental plantings in nonagricultural areas defined as follows:

- Landscaped ornamental maintenance areas in and around residential and commercial establishments, multifamily dwellings, military and other institutions, university or college campuses, parks, airports, roadsides, schools, picnic grounds, athletic fields, houses of worship, cemeteries, golf courses, and prairie grass areas, common areas in residential developments, and in nonproduction areas in commercial nurseries, such as storage areas, vegetation filter strips, windbreaks, shelterbelts or cart paths.
- General grounds maintenance in the following specified noncrop areas – Parking lots, driveways and roadsides, highway rights-of-way, alleyways, bike and jogging paths, vacant lots, buildings, stone gardens and gravel yards, around statuary or monuments, utility substations, markers/borders and fence lines, and mulch beds. FreeHand 1.75G may be used under asphalt or concrete treatments as part of a site preparation program.

Refer to **Table 1** for application rates, **Table 2** for list of ornamental species, and **Table 3** for weeds controlled.

Tree Plantations

Use **FreeHand 1.75G** for preemergence weed control during site preparation, establishment and/or maintenance of tree plantations (including Christmas trees). Also use **FreeHand 1.75G** for hardwood and conifer regeneration on Conservation Reserve Program (CRP) land or similar areas.

FreeHand 1.75G may be applied at planting or to established trees. When making an application at planting, it is important that slit closure be achieved to prevent FreeHand 1.75G from directly contacting the tree roots or being washed into the root zone via the open slit, or root stunting may occur. DO NOT apply to newly transplanted seedlings until plants have been watered and soil has been thoroughly packed and settled around roots.

Refer to **Table 1** for application rates, **Table 2** for list of ornamental (tree) species, and **Table 3** for weeds controlled.

Turfgrass

FreeHand® 1.75G herbicide may be used in select turfgrass sites. Use sites include, but are not limited to: grounds or lawns around residential and commercial establishments, multifamily dwellings, military and other institutions, campuses, parks, airports, roadsides, schoolyards, playgrounds, picnic grounds, athletic fields and similar recreational areas, houses of worship, cemeteries, golf courses, prairiegrass, naturalized grass areas, and sod farms.

FreeHand 1.75G applied as directed will provide preemergence control or suppression of most annual grass weeds, many annual broadleaf weeds, and sedges as they germinate in turfgrass. Refer to **Table 3** for weeds controlled.

Application Instructions

Apply **FreeHand 1.75G** to any improved or unimproved maintained turfgrass area of either cool-season and warmseason turfgrass species as described in the **Tolerant Turfgrass Species** table following. Apply **FreeHand 1.75G** at use rates only as directed on select turfgrass species. The user assumes all risk with **FreeHand 1.75G** application to any turfgrass species not listed as tolerant in the following table. Turfgrass species not listed in the following table may be evaluated for tolerance by testing a small area prior to large-scale use.

Tolerant Turfgrass Species

Warm-season Turfgrass Species	FreeHand 1.75G Use Rate Range (lbs product/A)	
Bahiagrass	100 to 200	
Bermudagrass, common	100 to 200	
Bermudagrass, hybrid	100 to 200	
Buffalograss	100 to 200	
Centipedegrass	100 to 200	
Kikuyugrass	100 to 200	
St. Augustinegrass	100 to 200	
Seashore paspalum	100 to 200	
Zoysiagrass	100 to 200	
Cool-season Turfgrass Species*	FreeHand 1.75G Use Rate Range (lbs product/A)	
Bentgrass	100 to 200	
Bluegrass, Kentucky	100 to 200	
Fine fescue	100 to 200	
Perennial ryegrass	100 to 200	
Tall fescue	100 to 200	

^{*} Apply only to established cool-season turfgrass species stands of 1/2-inch height or taller. Application to these species may result in yellowing and stand reduction.

FreeHand 1.75G may be applied in a sequential use program with other herbicides that control emerged weeds. **FreeHand 1.75G** may be applied before or after postemergence herbicides used to control emerged weeds in turfgrass.

For control of summer annual weeds, apply

FreeHand 1.75G as an initial application in the spring
prior to weed seed germination.

NOTE: Spring applications can be made when soil temperature is 55° F or higher. If application is made prior to soil temperature reaching 55° F, some turfgrass species could sustain injury.

For control of winter annual weeds, apply **FreeHand 1.75G** in late summer or early fall prior to weed seed germination.

As a preemergence herbicide in turfgrass,

FreeHand 1.75G must be moved into the weed seed germination zone by rainfall or irrigation (equivalent to 1/2 inch of rainfall) after application. If **FreeHand 1.75G** is not activated by rainfall or irrigation within 7 to 10 days, erratic weed control may result.



Instructions and Limitations for Specific Turfgrass Species

Cool-season Turfgrass

- Apply FreeHand® 1.75G herbicide to actively growing cool-season turfgrass when soil temperature is 55° F or higher.
- Apply FreeHand 1.75G only on well-established turfgrass with a dense and uniform stand.
- Application to turfgrass stands under stress may cause turfgrass injury.
- On turfgrass that has been thinned or damaged because of winter injury, excessive moisture, etc., allow for turfgrass recovery prior to applying
 FreeHand 1.75G.
- Avoid spring application of FreeHand 1.75G on newly fall-seeded cool-season turfgrass.
- DO NOT apply FreeHand 1.75G to turfgrass where annual bluegrass (Poa annua) is part of the stand.
 FreeHand 1.75G will injure, thin, and discolor both seedling and established annual bluegrass.
- DO NOT apply FreeHand 1.75G to turfgrass if any roughstalk bluegrass (Poa trivialis) is present at any time in the stand or if roughstalk bluegrass is overseeded or unacceptable injury will occur.
- Application of FreeHand 1.75G to cool-season turfgrass species (such as bentgrass, Kentucky bluegrass, fine fescue, tall fescue, perennial ryegrass) may cause unacceptable injury and/or thinning of stand.

Warm-season Turfgrass

- Apply FreeHand 1.75G to actively growing warmseason turfgrass following spring transition when soil temperature is 55° F or higher.
- Apply FreeHand 1.75G only on well-established turfgrass with a dense and uniform stand.
- Application to turfgrass stands under stress may cause turfgrass injury.
- On turfgrass that has been thinned or damaged because of winter injury, excessive moisture, etc., allow for turfgrass recovery prior to applying
 FreeHand 1.75G.

(continued)

Instructions and Limitations for Specific Turfgrass Species (continued)

Overseeded Warm-season Turfgrass

- Delay (winter) overseeding of treated turfgrass for at least three (3) months following the last
 FreeHand 1.75G application.
- Apply FreeHand 1.75G to aid in the removal of annual grass in overseeded warm-season turfgrass. Apply only when temperature is above 55° F and warm-season turfgrass is actively growing.
- If FreeHand 1.75G is applied before just prior to overseed removal, thinning or injury of the overseeded species may occur.
- Application of a nitrogen-containing fertilizer at or soon after a FreeHand 1.75G application will minimize any delay in spring greenup and any temporary yellowing.

Sprigging Warm-season Turfgrass

- Delay FreeHand 1.75G application until at least two (2) months after sprigging and until turfgrass roots are established.
- Following a FreeHand 1.75G application, delay sprigging turfgrass into the treated area for three (3) months.

Dormant Warm-season Turfgrass

 FreeHand 1.75G can be applied sequentially or in concert with glyphosate or other postemergence herbicides for application to dormant, non-overseeded turfgrass stands.

Instructions and Limitations for Specific Turfgrass Use Sites

Sod Establishment

 Application of FreeHand 1.75G to newly sodded areas must be delayed until the turfgrass root system is well established and the turfgrass has been mowed at least two (2) times.

Re-seeding in Turfgrass Establishment

 Delay re-seeding of treated turfgrass for at least three (3) months following the last FreeHand 1.75G application.

Newly Planted Areas (new seedings)

 DO NOT apply FreeHand 1.75G to newly planted areas until the turfgrass has filled in and has been mowed at least four (4) times.



Instructions and Limitations for Specific Turfgrass Species (continued)

Residential Turfgrass

- DO NOT apply more than 100 to 150 lbs/A
 FreeHand® 1.75G herbicide in a single application in residential turfgrass (follow use rates as specified in Tolerant Turfgrass Species). A repeat application can be made 6 weeks after initial application.
- DO NOT apply FreeHand 1.75G to turfgrass within 2 weeks after mechanical disturbance such as aerification and verticutting.

Golf Course

- FreeHand 1.75G may be applied to established turfgrass on tees, fairways, roughs, and any other maintained or naturalized turfgrass area on the golf course.
- DO NOT apply FreeHand 1.75G to putting greens.
- DO NOT apply FreeHand 1.75G to turfgrass within 2 weeks after mechanical disturbance such as aerification and verticutting.

Bareground or Other Unimproved Maintained Areas, or Landscaped Areas

 Apply FreeHand 1.75G to soil, unimproved turfgrass, or in landscaped areas that are maintained with mulch (such as shredded hardwood or pine straw), wood chips, or gravel.

Naturalized Areas

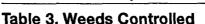
- Grass species FreeHand 1.75G may be used to control weeds in naturalized grass areas on species listed in the Tolerant Turfgrass Species table. A reduction or elimination of seedheads may be observed on some species.
- Wildflower and other ornamental species FreeHand 1.75G may be used to control weeds in naturalized wildflower and/or ornamental areas on species
 listed in Table 2. Ornamental Species. A reduction or
 elimination of seedheads may be observed on some
 species.

Industrial (unimproved) Turfgrass

 Industrial or unimproved turfgrass areas have a different spectrum of weeds to be controlled than those found in fine turfgrass as described in this label.

FreeHand 1.75G will control weeds that might germinate in established grass in rights-of-way, roadsides, construction sites, parks, substations, lots, or similar areas.

Weed Species Controlled



Use **FreeHand 1.75G** for preemergence control of the following weed species listed according to use rate.

100 lbs/A

Weeds controlled when **FreeHand 1.75G** is applied at 100 lbs/acre (2.3 lbs **FreeHand 1.75G**/1000 sq ft)

Common Name	Scientific Name	
Amaranth, Palmer	Amaranthus palmeri	
Barnyardgrass	Echinochloa crus-galli	
Carpetweed	Mollugo verticillata	
Foxtail, giant	Setaria faberi	
Foxtail, green	Setaria viridis	
Foxtail, yellow	Setaria glauca	
Henbit	Lamium amplexicaule	
Lambsquarters, common	Chenopodium album	
Pigweed, prostrate	Amaranthus blitoides	
Pigweed, redroot	Amaranthus retroflexus	
Pigweed, smooth	Amaranthus hybridus	
Pigweed, tumble	Amaranthus albus	
Pusley, Florida	Richardia scabra	

150 lbs/A

In addition to the weeds controlled at 100 lbs **FreeHand 1.75G**/acre application rate, the following weeds will be controlled when **FreeHand 1.75G** is applied at 150 lbs/acre (3.4 lbs **FreeHand 1.75G**/1000 sq ft)

Common Name	Scientific Name	
Amaranth, Powell	Amaranthus powellii	
Bittercress	Cardamine spp.	
Bluegrass, annual	Poa annua	
Bluegrass, roughstalk	Poa trivialis	
Brome, California	Bromus carinatus	
Brome, downy	Bromus tectorum	
Chamomile, mayweed	Anthemis cotula	
Chickweed, common	Stellaria media	
Chickweed, mouseear	Cerastium vulgatum	
Crabgrass, large	Digitaria sanguinalis	
Crabgrass, smooth	Digitaria ischaemum	
Cudweed	Gnaphalium spp.	
Cupgrass, Southwestern	Eriochloa gracilis	
Doveweed	Murdannia nudiflora	
Evening primrose	Oenothera biennis	
Flatsedge, rice	Cyperus iria	
Goosegrass	Eleusine indica	
Groundsel, common	Senecio vulgaris	
Johnsongrass (from seed)	Sorghum halepense	
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150 lbs/A (continued)

In addition to the weeds controlled at 100 lbs FreeHand® 1.75G herbicide/acre application rate, the following weeds will be controlled when FreeHand 1.75G is applied at 150 lbs/acre

(3.4 lbs FreeHand 1.75G/1000 sq ft)

Common Name Scientific Name Knotweed, prostrate Polygonum aviculare Nightshade, black Solanum nigrum Nightshade, cutleaf Solanum triflorum Nightshade, Eastern black Solanum ptycanthum Nightshade, hairy Solanum sarrachoides Pearlwort Sagina procumbens or S. decumbens Purslane, common Portulaca oleracea Red rice Orvza sativa Ryegrass, Italian Lolium multiflorum Sandbur, field Cenchrus incertus Shattercane Sorghum bicolor Shepherdspurse Capsella bursa-pastoris Signalgrass, broadleaf Brachiaria platyphylla Speedwell, corn Veronica arvensis Spurge, annual Chamaesvce spp. Euphorbia spp. Waterhemp, common Amaranthus rudis Waterhemp, tall Amaranthus tuberculatus Witchgrass Panicum capillare

200 lbs/A

In addition to the weeds controlled at 100 lbs and 150 lbs **FreeHand 1.75G**/acre application rates, the following weeds will be controlled when **FreeHand 1.75G** is applied at 200 lbs/acre

(4.6 lbs FreeHand 1.75G/1000 sq ft)

Common Name Scientific Name		
Beggarweed, Florida	Desmodium tortuosum	
Burnweed, American	Erechtites hieraciifolia	
Burweed, lawn	Soliva pterosperma	
Clover, hop	Trifolium procumbens	
Crowfootgrass	Dactyloctenium aegyptium	
Cupgrass, woolly	Eriochloa villosa	
Dogfennel	Eupatorium capillifolium	
Eclipta	Eclipta alba	
	E. prostrata	
Fiddleneck	Amsinckia intermedia	
Filaree	Erodium spp.	
<u>Fleabane</u>	Erigeron strigosus	
Galinsoga, hairy	Galinsoga ciliata	
Galinsoga, smallflower	Galinsoga parviflora	
Hawksbeard, Asiatic	Youngia japonica	
Horseweed	Conyza canadensis	
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(continued)

200 lbs/A (continued)

In addition to the weeds controlled at 100 lbs and 150 lbs **FreeHand 1.75G**/acre application rates, the following weeds will be controlled when **FreeHand 1.75G** is applied at 200 lbs/acre (4.6 lbs **FreeHand 1.75G**/1000 sq ft)

Common Name	Scientific Name	
Itchgrass	Rottboellia exaltata	
Junglerice	Echinochloa colona	
Kochia	Kochia scoparia	
Kyllinga species	Kyllinga spp.	
Lettuce, wild	Lactuca spp.	
Liverwort	Marchantia polymorpha	
Lovegrass (from seed)	Eragrostis spp.	
Mallow, little	Malva parviflora	
Marsh parsley	Apium leptophyllum	
Millet, wild proso	Panicum dichotomiflorum	
Mulberry weed	Fatoua villosa	
Nutsedge, yellow	Cyperus esculentus	
Panicum, browntop	Panicum fasciculatum	
Panicum, fall	Panicum dichotomiflorum	
Panicum, Texas	Panicum texanum	
Pennycress, field	Thlaspi arvense	
Pepperweed	Lepidium virginicum	
Phyllanthus, chamberbitter	Phyllanthus urinaria	
Phyllanthus, long-stalked	Phyllanthus tenellus	
Pineappleweed	Matricaria matricarioides	
Puncturevine	Tribulus terrestris	
Purslane, water	Ludwigia palustris	
Ragweed, common	Ambrosia artemisiifolia	
Rocket, London	Sisymbrium irio	
Sedge, annual	Cyperus spp.	
Smartweed, Pennsylvania	Polygonum pensylvanicum	
Sowthistle	Sonchus arvensis	
Sprangletop, Mexican	Leptochloa uninervia	
Sprangletop, red	Leptochloa filiformis	
Tassel-flower	Emilia spp.	
Thickhead	Crassocephalum crepidioides	
Velvetleaf	Abutilon theophrasti	
Willowherb	Epilobium spp.	
Willowherb, hairy	Epilobium hirsutum	
Willowherb, Northern	Epilobium ciliatum	
Woodsorrel, yellow	Oxalis spp.	
	O. corniculata	
	O. stricta	
Yellowcress, marsh	Rorippa islandica or	
	R. palustris	
Yellowcress, Southern	Rorippa teres or R. walteri	

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Plant injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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007969-00273.20110630.**NVA 2011-04-308-0061**

Supersedes: NVA 2010-04-308-0049 Supplemental: NVA 2011-04-308-0137

> BASF Corporation 26 Davis Drive Research Triangle Park, NC 27709



Under the Federal Insecticide, Fungistice, and Redestiside Act, as amended, for the periods registered under FER Res En. 70169-273 Group 3 15 Herbicide

Supplemental Label



Amended use directions on turfgrass

This supplemental label expires September 15, 2014, and must not be used or distributed after this date.

Active Ingredients:

dimethenamid-P: (S)-2-chloro-N-[(1-methyl-2-methoxy)ethyl]-N-(2,4-dimethyl-thien-3-yl)-acetamide	0.75%
pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine	1.00%
Other Ingredients:	98.25%
	100.00%

50 lbs contains 0.375 lb of dimethenamid-P and 0.5 lb of pendimethalin.

EPA Reg. No. 7969-273

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire FreeHand[®] 1.75G herbicide container label, EPA Reg. No. 7969-273, must be in possession of the user at the time of application.
- Read the label affixed to the container for FreeHand 1.75G before applying.
- Use of FreeHand 1.75G according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for FreeHand 1.75G.

FreeHand 1.75G may be used in select turfgrass sites. Use sites include, but are not limited to: grounds or lawns around residential and commercial establishments, multifamily dwellings, military and other institutions, campuses, parks, airports, roadsides, schoolyards, playgrounds, picnic grounds, athletic fields and similar recreational areas, houses of worship, cemeteries, golf courses, prairiegrass, naturalized grass areas, and sod farms.

FreeHand 1.75G applied as directed will provide preemergence control or suppression of most annual grass weeds, many annual broadleaf weeds, and sedges as they germinate in turfgrass. Refer to

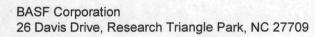
the **Weed Species Controlled** section on the EPAapproved main container label for **FreeHand 1.75G**.

Application Instructions

Apply FreeHand 1.75G to any improved or unimproved maintained turfgrass area of warm-season turfgrass species as described in the Tolerant Turfgrass Species table following. Apply FreeHand 1.75G at use rates only as directed on select turfgrass species. The user assumes all risk with FreeHand 1.75G application to any turfgrass species not listed as tolerant in the following table.

Tolerant Turfgrass Species

Warm-season Turfgrass Species	FreeHand 1.75 G Use Rate Range (lbs product/A)	
Bermudagrass, common	100 to 200	
Bermudagrass, hybrid	100 to 200	
Centipedegrass	100 to 200	
Kikuyugrass	100 to 200	
St. Augustinegrass	100 to 200	
Seashore paspalum	100 to 200	
Zoysiagrass	100 to 200	





Use Rates and Timings

Using broadcast spreader equipment, apply FreeHand® 1.75G herbicide at the following rates.

Application Rate* (lbs product per acre)	Amount (lbs product per 1000 sq ft)	Amount (lb product per 100 sq ft)
100	2.3	0.23
150	3.4	0.34
200	4.6	0.46

^{*} DO NOT apply more than 150 lbs/A in a single application in New York state.

All granular herbicide products, including **FreeHand 1.75G**, have different prill sizes. Therefore, to deliver the proper rate, the applicator must calibrate prior to application of product. The **FreeHand 1.75G** calibration tray may be used to calibrate the correct application rate. Rate settings for a specific type of spreader device must be determined by the applicator. Refer to the **Spreader Use Guide** on the EPA-approved main container label for **FreeHand 1.75G**.

FreeHand 1.75G may be applied in a single application or in sequential applications. DO NOT apply more than 200 lbs/A FreeHand 1.75G in a single application. DO NOT apply more than 150 lbs/A FreeHand 1.75G in a single application in New York state.

For extended weed control or where heavy weed infestations are expected, sequential (repeat) applications of FreeHand 1.75G can be made 5 to 8 weeks between applications. DO NOT apply more than a total of 400 lbs/A FreeHand 1.75G per year. DO NOT apply more than a total of 300 lbs/A FreeHand 1.75G per year in New York state.

FreeHand 1.75G may be applied in a sequential use program with other herbicides that control emerged weeds. **FreeHand 1.75G** may be applied before or after postemergence herbicides used to control emerged weeds in turfgrass.

For control of summer annual weeds, apply

FreeHand 1.75G as an initial application in the spring prior to weed seed germination.

NOTE: Spring applications can be made when soil temperature is 55° F or higher. If application is made prior to soil temperature reaching 55° F, some turfgrass species could sustain injury.

For control of winter annual weeds, apply

FreeHand 1.75G in late summer or early fall prior to
weed seed germination.

As a preemergence herbicide in turfgrass, FreeHand 1.75G must be moved into the weed seed germination zone by rainfall or irrigation (equivalent to 1/2 inch of rainfall) after application. If FreeHand 1.75G is not activated by rainfall or irrigation within 7 to 10 days, erratic weed control may result.

Instructions and Limitations for Specific Turfgrass Species

Warm-season Turfgrass

- Apply Freehand 1.75G to actively growing warmseason turfgrass following spring transition when soil temperature is 55° F or higher.
- Apply FreeHand 1.75G only on well-established turfgrass with a dense and uniform stand.
- Application to turfgrass stands under stress may cause turfgrass injury.
- On turfgrass that has been thinned or damaged because of winter injury, excessive moisture, etc., allow for turfgrass recovery prior to applying FreeHand 1.75G.

Overseeded Warm-season Turfgrass

- Delay (winter) overseeding of treated turfgrass for at least three (3) months following the last FreeHand 1.75G application.
- Apply FreeHand 1.75G to aid in the removal of annual grass in overseeded warm-season turfgrass.
 Apply only when temperature is above 55° F and warm-season turfgrass is actively growing.
- If FreeHand 1.75G is applied before just prior to overseed removal, thinning or injury of the overseeded species may occur.
- Application of a nitrogen-containing fertilizer at or soon after a FreeHand 1.75G application will minimize any delay in spring greenup and any temporary yellowing.

Sprigging Warm-season Turfgrass

- Delay FreeHand 1.75G application until at least two (2) months after sprigging and until turfgrass roots are established.
- Following a FreeHand 1.75G application, delay sprigging turfgrass into the treated area for three (3) months.

Dormant Warm-season Turfgrass

 FreeHand 1.75G can be applied sequentially or in concert with glyphosate or other postemergence herbicides for applications to dormant, non-overseeded turfgrass stands.

Instructions and Limitations for Specific Turfgrass Species (continued)

Cool-season Turfgrass

- DO NOT apply FreeHand[®] 1.75G herbicide to turfgrass where annual bluegrass (Poa annua) is part of the stand. FreeHand 1.75G will injure, thin, and discolor both seedling and established annual bluegrass.
- DO NOT apply FreeHand 1.75G to turfgrass if roughstalk bluegrass (Poa trivialis) is present at any time in the stand or if roughstalk bluegrass is overseeded or unacceptable injury will occur.
- Application of FreeHand 1.75G to cool-season turfgrass species (such as bentgrass, Kentucky bluegrass, fine fescue, tall fescue, perennial ryegrass) may cause unacceptable injury and/or thinning of stand.

Instructions and Limitations for Specific Turfgrass Use Sites

Sod Establishment

 Application of FreeHand 1.75G to newly sodded areas must be delayed until the turfgrass root system is well established and the turfgrass has been mowed at least two (2) times.

Re-seeding in Turfgrass Establishment

 Delay re-seeding of treated turfgrass for at least three (3) months following the last FreeHand 1.75G application.

Newly Planted Areas (new seedings)

 DO NOT apply FreeHand 1.75G to newly planted areas until the turfgrass has filled in and has been mowed at least four (4) times.

Residential Turforass

 DO NOT apply FreeHand 1.75G to turfgrass within 2 weeks after mechanical disturbance such as aerification and verticutting.

Golf Course

- FreeHand 1.75G may be applied to established turfgrass on tees, fairways, roughs, and any other maintained or naturalized turfgrass area on the golf course.
- DO NOT apply FreeHand 1.75G to putting greens.
- DO NOT apply FreeHand 1.75G to turfgrass within 2 weeks after mechanical disturbance such as aerification and verticutting.

(continued)

Instructions and Limitations for Specific Turfgrass Use Sites (continued)

Bareground or Other Unimproved Maintained Areas, or Landscaped Areas

 Apply FreeHand 1.75G to soil, unimproved turfgrass, or in landscape areas that are maintained with mulch (such as shredded hardwood or pine straw), wood chips, or gravel.

Naturalized Areas

- Grass species FreeHand 1.75G may be used to control weeds in naturalized grass areas on species listed in the Tolerant Turfgrass Species table in this label. A reduction or elimination of seedheads may be observed on some species.
- Wildflower and other ornamental species FreeHand 1.75G may be used to control weeds in
 naturalized wildflower and/or ornamental areas on
 species listed; refer to Table 2. Ornamental Species
 of the EPA-approved main container label for
 FreeHand 1.75G. A reduction or elimination of
 seedheads may be observed on some species.

Industrial (unimproved) Turfgrass

Industrial or unimproved turfgrass areas have a
different spectrum of weeds to be controlled than
those found in fine turfgrass as described in this
label. FreeHand 1.75G will control weeds that might
germinate in established grass in rights-of-way,
roadsides, construction sites, parks, substations, lots,
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Based on: NVA 2011-04-308-0061 Supersedes: NVA 2009-04-308-0241 NVA 2011-04-308-0100

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