



Gemini™ 3.7 SC

A selective combination preemergence herbicide for control of grass and broadleaf weeds in ornamentals.

This specimen label is for information only. Everris makes no representations as to the accuracy of this label. It is the responsibility of the user to read and follow the label attached to the pesticide product container.

Net Contents: 2.5 gal (9.46 L)
Stock # **E95224**

ACTIVE INGREDIENTS:	% BY WT
Prodiamine* (CAS No. 29091-21-2)	23.3%
Isoxaben* (CAS No. 82558-50-7)	15.5%
OTHER INGREDIENTS:	61.2%
	TOTAL: 100.0%

*Contains 2.2 pounds prodiamine per gallon and 1.5 pounds isoxaben per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA Reg. No. 53883-325-58185
EPA Est. 37429-GA-001^{BT}; 37429-GA-002^{BO}
Letter(s) in lot number correspond(s) to superscript in EPA Est. No.

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-888-241-6409 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

May be harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

WPS USES

Applicators, mixers, loaders, and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) - agricultural plant uses are covered - must wear:

- Long-sleeved shirt and long pants
- Chemical Resistant gloves
- Shoes plus socks

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

ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided with all of the PPE specified above for applicators and other handlers, and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

If you have questions regarding the use of this product, call TOLL FREE 1-800-492-8255

Distributed by Everris NA Inc., PO Box 3310 • Dublin, OH 43016

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- After handling this product immediately remove PPE, wash yourself thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limit of solubility, this product is not toxic to fish. However, at concentrations substantially above the level of water solubility, it may be 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 sites. Drift may result in reduced germination or emergence of non-target plants adjacent to treated area. Do not contaminate water when disposing of equipment wash water.

DIRECTIONS FOR USE

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

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 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. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 such as butyl rubber \geq 14 mils, or natural rubber \geq 14 mils, or neoprene rubber \geq 14 mils, or nitrile rubber \geq 14 mils
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of 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, forest or nurseries.

Applicators and handlers should wear:

- Long-sleeved shirt
- Long pants
- Chemical-resistant gloves
- Shoes with socks
- Protective eyewear

Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Launder exposed clothing before reuse. Do not allow reentry to treated areas until sprays have dried.

PRODUCT INFORMATION

Formulation and Mode of Action

Gemini 3.7 SC is a liquid herbicide containing the active ingredients, proflaminate, a member of the dinitroaniline family of herbicides which inhibits mitotic processes in plants, and isoxaben, which has a cellulose biosynthesis inhibitor (CBI) mode of action. The active ingredients control susceptible weeds by preventing growth and development of newly germinated weeds. Each gallon contains 3.7 pounds active ingredient (2.2 pounds proflaminate per gallon plus 1.5 pounds isoxaben per gallon). Gemini 3.7 SC is used for pre-emergent control of grasses and broadleaf weeds. Weed control is most effective when Gemini 3.7 SC is activated by at least 0.5 inches of rainfall or irrigation or shallow incorporation (1 to 2 inches for non-turf applications) before weed seeds germinate and within 14 days following application.

Uses and Application

Apply Gemini 3.7 SC for selective preemergence control of many grass and broadleaf weeds in the following areas: 1) container and field-grown ornamentals; and 2) Christmas tree farms.

Apply Gemini 3.7 SC in a minimum of 20 gallons/acre (0.5 gallons /1,000 sq ft) of carrier (water) using a calibrated, low-pressure sprayer with 50-mesh or coarser screens. A broadcast boom or handheld wand designed for herbicide or insecticide application will provide the best results. Select nozzle pressure and gallonage to provide complete coverage.

New Plantings, Replanting and Rotational Plantings

Rotate nursery areas treated with Gemini 3.7 SC only to ornamental species listed on this label for 1 (one) year following application unless the following test has shown species safety:

- Before planting a species not listed on this label, sow several test strips of an indicator plant such as wheat, sorghum or corn into the treated area. If the indicator plants germinate and grow normally to a height of 12 inches with normal root development, it is safe to plant.

In areas disturbed by new plantings or replanting of labeled species, it may be necessary to retreat exposed soil to maintain satisfactory weed control, but do not apply more than 87 fl. oz./acre per year.

MIXING GEMINI 3.7 SC

When Used Alone

Mix Gemini 3.7 SC thoroughly in the spray tank to ensure uniform application. Steps to follow when mixing Gemini 3.7 SC include:

1. Filling the spray tank 1/4 full with clean water only;
2. Starting the agitation system and checking to ensure it is working properly;
3. Maintaining vigorous agitation in the spray tank before and during the application to ensure a well-mixed spray suspension;
4. Adding a spray colorant with Gemini 3.7 SC to mark treated areas and improve application accuracy by minimizing swath skips and overlaps; and
5. After use, thoroughly clean the sprayer by flushing the system with water containing a detergent.

Refer to the PESTICIDE DISPOSAL section of this label for waste disposal. Do not allow spray suspension to dry in the tank. Use the entire tank before stopping agitation.

When Used in Tank Mixtures

Gemini 3.7 SC can be applied in tank-mixtures with certain other EPA-registered herbicides to provide a broader spectrum of weed control and/or to control emerged weeds. Refer to the specific directions for use for tank-mix partners, and refer to the label(s) of the individual tank-mix partner(s) for use rate, application timing, weeds controlled, and specific precautions and/or restrictions. Tank mixes are permitted only in States where the tank-mix partner(s) are registered for the application site and the ornamental species listed. When using Gemini 3.7 SC in a tank mixture with other pesticides, follow restrictions and precautions on the labels of the products used.

When mixing Gemini 3.7 SC with other components (carrier and partner pesticide products), allow products to completely dissolve between steps and be sure to maintain agitation throughout mixing and application. When products are to be tank-mixed with Gemini 3.7 SC, add them to the spray tank in the following order:

1. Products packaged in water-soluble bags. Agitate the tank mixture. Allow the water-soluble bags to completely dissolve and the products to disperse before adding any other tank-mix partners.
2. Water-dispersible granules (WDG or WG formulations) and wettable powders (WP formulations). Add wettable powders to the tank as agitation continues. Allow the product to disperse completely before other products are added.
3. Spray adjuvants and spray markers. Read the adjuvant's label first and use only those adjuvants approved for application to ornamentals.
4. Gemini 3.7 SC, other flowable liquids (FL) or suspension concentrates (SC) must be added next.
5. Add emulsifiable concentrates (EC) last.

Compatibility Testing

Before mixing Gemini 3.7 SC with other pesticides in the spray tank, test for compatibility by mixing all components (carrier and pesticide products) in an appropriate container in proportionate quantities. For example, 1 quart would be 1/100 the volume of a 25 gallons/acre spray rate.

If components do not ball-up or form flakes, sludge, gels, oily films, or layers, then the mixture is compatible. Let the mixture stand for 15 minutes. Incompatibility will usually occur within 5 minutes after mixing. If components are not compatible, use a compatibility agent and rerun the test to determine if the mixture is suitable. If the components are still not compatible, do not tank mix.

PRODUCT USE RESTRICTIONS

- Do not graze or feed livestock forage cut from areas treated with Gemini 3.7 SC.
- Do not apply Gemini 3.7 SC to plants that will be consumed for food use.
- Do not blend Gemini 3.7 SC onto dry fertilizer or any other granular material.
- In all cases, do not exceed a dosage of 2.5 lbs. active ingredient acre (87 fl.oz./acre) (1.5 lbs. Proflam and 1.0 lbs. Isoxaben) per year on any use site and do not repeat an application sooner than 60 days after a previous application.
- Chemigation: Do not apply this product through any type of irrigation system. Do not apply aerially.
- Do not apply to golf course putting greens.

State Specific Restrictions:

- The state of Arizona has not approved this product for use on agricultural commodities. If grown for commercial production, use on the following sites/crops is prohibited: container-grown field ornamentals, field-grown ornamentals, ornamental bulbs, and Christmas tree/conifer plantations.
- Not for sale, use or distribution in the state of New York.

PRODUCT USE PRECAUTIONS

- Follow all applicable directions, restrictions, and precautions on the labels of EPA-registered tank-mix partners.

Treatment of Ornamental Species Not Listed on the Label for Gemini 3.7 SC:

Although this label contains a number of ornamental species, it is not possible to include all of the ornamental plants that may be encountered in a nursery setting. Users who wish to use Gemini 3.7 are limited to non-food, ornamental plant species located strictly in labeled use sites. Users may determine the suitability for such use by treating a small area or small number of these plants at a specified rate. Prior to treatment of larger areas, the treated area/plants should be observed for any sign of herbicidal injury during 30 to 60 days of typical growing conditions.

Chemigation: Do not apply Gemini 3.7 SC through any type of irrigation system.

Use rates and A.I. Load simplified:

- 1 fl. oz. per 1,000 sq.ft. or 43.5 fl. oz. per acre will apply 0.75 lbs. of Proflam and 0.5 lb. of Isoxaben.
- 2.0 fl. oz. per 1,000 sq.ft. or 87 fl. oz. per acre will apply 1.5 lbs. of Proflam and 1.0 lb. of Isoxaben.

WEEDS CONTROLLED IN ORNAMENTALS

When used as directed in this label for container and field grown ornamental plantings, including Christmas tree farms, Gemini 3.7 SC will control the grass and broadleaf weeds listed in Table 1.

Table 1
Weeds Controlled by Gemini 3.7 SC at the 1.0 fl. oz. per 1,000 sq.ft. or 43.5 fl. oz. per acre in Container and Field-grown Ornamental Plantings, including Christmas Tree Farms

Common Name	Scientific Name	Common Name	Scientific Name
Barnyardgrass	<i>Echinochloa crus-galli</i>	Lambsquarters, Common	<i>Chenopodium album</i>
Betony, Florida	<i>Stachys flordans</i>	Lovegrass	<i>Eragrostis</i> spp.
Bluegrass, Annual ¹	<i>Poa annua</i>	Oxalis, Buttercup	<i>Oxalis pes-caprae</i>
Carpetweed	<i>Mollugo verticillata</i>	Panicum, Texas	<i>Panicum texanum</i>
Chickweed, Common ²	<i>Stellaria media</i>	Panicum, Fall	<i>Panicum dichotomiflorum</i>
Chickweed, Mouseear (from seed)	<i>Cerastium vulgatum</i>	Panicum, Browntop	<i>Panicum fasciculatum</i>
Crabgrass, Large ³	<i>Digitaria sanguinalis</i>	Pigweed	<i>Amaranthus</i> spp.
Crabgrass, Smooth ³	<i>Digitaria ischaemum</i>	Purslane, Common	<i>Portulaca oleracea</i>
Crowfootgrass	<i>Dactyloctenium aegypticum</i>	Pusley, Florida	<i>Richardia scabra</i>
Cupgrass, Woolly	<i>Eriochloa villosa</i>	Rescuegrass ⁴	<i>Bromus catharticus</i>
Foxtails, Annual	<i>Setaria</i> spp.	Shepherdspurse ²	<i>Capsella bursa-pastoris</i>
Goosegrass ⁵	<i>Eleusine indica</i>	Signalgrass, Broadleaf	<i>Brachiaria platyphylla</i>
Henbit ²	<i>Lamium amplexicaule</i>	Speedwell, Persian	<i>Veronica persica</i>
Itchgrass	<i>Rottboellia cochinchinensis</i>	Sprangletop	<i>Leptochloa</i> spp.
Jew, Wandering ^{4†}	<i>Zebrian pendual</i>	Spurge, Prostrate	<i>Chamaesyce humistrata</i>
Johnsongrass (from seed)	<i>Sorghum halepense</i>	Vetch, Common	<i>Vicia sativa</i>
Junglerice	<i>Echinochloa colonum</i>	Witchgrass	<i>Panicum capillare</i>
Knotweed ²	<i>Polygonum</i> spp.	Woodsorrel, Yellow (from seed)	<i>Oxalis stricta</i>
Kochia	<i>Kochia scoparia</i>		

† Not for use in California

- 1 In those areas where *Poa annua* is a winter annual, apply Gemini 3.7 SC in August or September before *Poa annua* seeds germinate. These timings are approximate. Consult State Extension Service for more specific timing for your area.
- 2 To control this weed, apply Gemini 3.7 SC in late summer, fall, or winter before weeds germinate.
- 3 Fall Applications for Spring Crabgrass Control: In those areas where the ground freezes in the winter, Gemini 3.7 SC can be applied in the fall at rates of 43.5 fl. oz./acre after soil temperatures fall below 50° F, but before the ground freezes. This application will control crabgrass the following spring.
- 4 Suppression only.
- 5 In many areas a single application of 43.5-87.0 fl.oz./acre of Gemini 3.7 SC will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, weed control will be most effective by making an initial application of 43.5 fl. oz./acre followed by a second application 60-90 days later.

SPECIMEN LABEL

**Additional Broadleaf Weeds Controlled or Suppressed at the
1.0 fl. oz. per 1,000 sq.ft or 43.5 fl. oz. per acre rate**

Common Name	Scientific Name	Common Name	Scientific Name
Aster, Slender	<i>Symphotrichum divaricatum</i>	Mustard, Indian	<i>Brassica juncea</i>
Bursage, Annual	<i>Ambrosia acanthicarpa</i>	Mustard, Wild	<i>Sinapis arvensis</i>
Burweed, Lawn	<i>Soliva sessilis</i>	Nightshade, Black	<i>Solanum nigrum</i>
Celery, Wild	<i>Cyclosporum leptophyllum</i>	Pepperweed, Virginia	<i>Lepidium virginicum</i>
Clover, White	<i>Trifolium repens</i>	Pineappleweed	<i>Matricaria discoidea</i>
Cudweed, Purple	<i>Gnaphalium purpureum</i>	Plantain, Slender	<i>Plantago heterophylla</i>
Fiddleneck, Coast	<i>Amsinckia menziesii var. intermedia</i>	Radish, Wild	<i>Raphanus raphanistrum</i>
Filaree, Redstem	<i>Erodium cicutarium</i>	Ragweed, Common	<i>Ambrosia artemisiifolia</i>
Fleabane, Blackleaved	<i>Conyza bonariensis</i>	Rocket, London	<i>Sisymbrium irio</i>
Fleabane, Dwarf	<i>Conyza ramosissima</i>	Shepherdspurse	<i>Capsella bursa-pastoris</i>
Groundcherry, Lanceleaf	<i>Physalis angulata</i>	Sibara	<i>Sibara virginica</i>
Henbit	<i>Lamium amplexicaule</i>	Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum</i>
Horseweed, Canadian	<i>Conyza canadensis</i>	Sowthistle, Annual	<i>Sonchus oleraceus</i>
Knotweed, Prostrate	<i>Polygonum aviculare</i>	Speedwell, Purslane	<i>Veronica peregrina</i>
Lambsquarters, Common	<i>Chenopodium album</i>	Telegraphplant	<i>Heterotheca grandiflora</i>
Mallow, Cheeseweed	<i>Malva parviflora</i>	Thistle, Russian	<i>Salsola tragus</i>

Additional Broadleaf Weeds Controlled at 1.5 fl. oz. per 1,000 sq. ft. or 65 fl. oz. per acre

Common Name	Scientific Name	Common Name	Scientific Name
Aster, Heath	<i>Symphotrichum ericoides</i>	Morning Glory, Ivyleaf	<i>Ipomoea hederacea</i>
Bittercress, Little	<i>Cardamine oligosperma</i>	Mustard, Black	<i>Brassica nigra</i>
Bittercress, Hairy	<i>Cardamine hirsuta</i>	Pennywort	<i>Hydrocotyle</i> spp.
Waterbutts, Southern	<i>Cotula australis</i>	Plantain, Bracted	<i>Plantago aristata</i>
Carrot, Wild	<i>Daucus carota</i>	Plantain, Broadleaf	<i>Plantago major</i>
Chamberbitter	<i>Phyllanthus urinaria</i>	Plantain, Buckhorn	<i>Plantago lanceolata</i>
Chickweed, Mouseear	<i>Cerastium fontanum</i> spp. <i>vulgare</i>	Pokeweed, Common	<i>Phytolacca americana</i>
Dandelion	<i>Taraxacum officinale</i>	Redmaids	<i>Calandrinia ciliata</i>
Eclipta	<i>Eclipta prostrata</i>	Sida, Prickly	<i>Sida spinosa</i>
Galinsoga, Hairy	<i>Galinsoga quadriradiata</i>	Sorrell, Red	<i>Rumex acetosella</i>
Geranium, Carolina	<i>Geranium carolinianum</i>	Speedwell, Thymeleaf	<i>Veronica serpyllifolia</i>
Ladysthumb	<i>Polygonum persicaria</i>	Spurge, Hyssop	<i>Chamaesyce hyssopifolia</i>
Lettuce, Prickly	<i>Lactuca serriola</i>	Spurge, Spotted	<i>Chamaesyce maculata</i>
Mallow, Common	<i>Malva neglecta</i>	Sweetclover, Yellow	<i>Mellilotus officinalis</i>
Mayweed, Chamomile	<i>Anthemis cotula</i>	Tansymustard, Green	<i>Descurainia pinnata</i> spp. <i>brachycarpa</i>

**Additional Broadleaf Weeds Controlled When Applied
at 2.0 fl. oz. per 1,000 sq. ft or 87 fl. oz. per acre**

Common Name	Scientific Name	Common Name	Scientific Name
Burclover, California	<i>Medicago polymorpha</i>	Mullein, Turkey	<i>Croton setigerus</i>
Dogfennel	<i>Eupatorium capillifolium</i>	Nettle, Burning	<i>Urtica urens</i>
Eveningprimrose	<i>Oenothera</i> spp.	Oxtongue, Bristly	<i>Picris echioides</i>
Fescue, Rattail	<i>Vulpia myuros</i>	Pimpernel, Scarlet	<i>Anagallis arvensis</i>
Filaree, Whitestem	<i>Erodium moschatum</i>	Sowthistle, Spiny	<i>Sonchus asper</i>
Goosefoot, Nettleleaf	<i>Chenopodium murale</i>	Spurge, Petty	<i>Euphorbia peplus</i>
Groundsel, Common	<i>Senecio vulgaris</i>	Sunflower	<i>Helianthus</i> spp.
Jimsonweed	<i>Datura stramonium</i>	Swinecress	<i>Coronopus didymus</i>
Knotweed, Silversheath	<i>Polygonum argyrocoleon</i>	Thistle, Musk	<i>Carduus nutans</i>
Kochia	<i>Kochia scoparia</i>	Willoweed, Panicle	<i>Epilobium brachycarpum</i>
Medic, Black	<i>Medicago lupulina</i>	Woodsorrel, Creeping	<i>Oxalis corniculata</i>

**Weeds Partially Controlled Or Suppressed When Applied
at 2.0 fl. oz. per 1,000 sq. ft or 87 fl. oz. per acre**

Common Name	Scientific Name	Common Name	Scientific Name
Bindweed, Field	<i>Convolvulus arvensis</i>	Milkweed, Honeyvine	<i>Cynanchum laeve</i>
Dock, Curly	<i>Rumex crispus</i>	Morningglory, Tall	<i>Ipomoea purpurea</i>
Mallow, Venice	<i>Hibiscus trionum</i>		

CONTAINER AND FIELD-GROWN ORNAMENTAL PLANTINGS, INCLUDING CHRISTMAS TREE FARMS

Product Information

Apply Gemini 3.7 SC to soil surfaces for preemergence control of many grass and broadleaf weeds around ornamental shrubs and trees, and Christmas tree farms. (See Table 1 for a list of weeds controlled.)

Timing and Method of Application

Gemini 3.7 SC is a preemergence herbicide only and will not control emerged grass or broadleaf weeds. It works best when applied to soil that is free of clods, weeds and debris and is activated by at least 0.5 inches of irrigation or rainfall or shallow incorporation to a depth of 1 to 2 inches. Weed control is improved if Gemini 3.7 SC is activated in the soil before weed seeds germinate and within 14 days after application. Apply Gemini 3.7 SC to newly-transplanted and established ornamentals as a broadcast or over-the-top spray.

Crop Tolerance

Direct application of Gemini 3.7 SC to rapidly growing tissue or buds can injure desirable plants. In the spring when buds are rapidly growing and expanding, over-the-top application of Gemini 3.7 SC can injure new growth of desirable plants, however, these effects are temporary. To reduce the possibility of injury at this time, wait to apply Gemini 3.7 SC over the top of newly emerged vegetation until it has hardened off, unless your experience indicates that the ornamental plant will not be injured by the over-the-top application. After application, immediately apply overhead irrigation to the foliage to wash Gemini 3.7 SC from plant surfaces onto soil (watering the foliage of plants before application can improve the washing process).

Table 2. Amount of Gemini 3.7 SC to Apply to Container and Field Grown Ornamental Plantings, and Christmas Tree Farms

Amount to Apply (Broadcast)*	When to Apply	Comments/Instructions
38 - 87 fl. oz./acre or 0.9 - 2.0 fl. oz./1,000 sq ft	In fall or spring before weeds germinate or after weeds are removed.	<ul style="list-style-type: none"> • Use the higher rate for longer control. • Gemini 3.7 SC can be applied more than once per year as long as the total amount of product applied does not exceed 87 fl. oz./acre (2.5 lbs. active ingredient/acre) per year.

*NOTE: For band application, calculate amount per acre:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{broadcast rate} = \text{amount to apply/acre of field}$$

Table 3. Equivalent Measurements for Gemini 3.7 SC

Fl. oz./acre	Fl. oz./1,000 sq ft	Approximate Equivalent - Tablespoons/1,000 sq ft
38	0.9	1.75
55	1.25	2.5
76	1.8	3.5
87	2.0	4.0

Table 4. Application Sites and Instructions for Gemini 3.7 SC Use on Container and Field Grown Ornamental Plantings, and Christmas Tree Farms

Site	Application Instructions
Newly-Transplanted Container or Field Nursery Stock	<ul style="list-style-type: none"> • Do not apply until soil has settled around transplant and roots have formed. • Water thoroughly before application. • Apply after cuttings form roots and are established. • To avoid inhibition of the tissue union, apply before budding/grafting or after buds/grafts have taken. • Do not apply to pots less than six inches wide.
Established Container or Field Nursery Stock	<ul style="list-style-type: none"> • Apply at anytime as a broadcast, over-the-top, or directed spray.
Ornamental Plantings	<ul style="list-style-type: none"> • Apply as a broadcast, over-the-top, or as a directed spray. • Delay applications to newly transplanted ornamentals until soil has settled around transplants.
Bare Ground Application for Container Placement	<ul style="list-style-type: none"> • Apply to soil (including mulch, gravel, wood chips, or other permeable base) upon which containerized ornamentals are placed. • After Gemini 3.7 SC is applied, perform shallow cultivation or hand weeding only, to avoid disturbing the herbicide barrier.
In Shadehouses and Uncovered Polyhouses	<ul style="list-style-type: none"> • After Gemini 3.7 SC is applied, uncovered polyhouses must remain open for at least 21 days and ornamentals must receive 2 irrigations totaling at least 0.5 inches of water before covering.

Tank Mixtures for Use on Container and Field Grown Ornamentals, and Christmas Tree Farms

Tank mix Gemini 3.7 SC with other registered herbicides to provide a broader spectrum of weed control or to control emerged weeds. Tank mixes with Gemini 3.7 SC are for use only in states where the tank-mix partner(s), application site and intended use pattern are registered.

Follow the label directions of the tank-mix partner(s) for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Before combining a tank-mix partner in the spray tank, test for compatibility as described in the **Compatibility Testing** section of this label.

Tolerant Ornamental Species

Gemini 3.7 SC will not harm most trees, shrubs, vines and flowers. The species listed below in Table 5 are tolerant to Gemini 3.7 SC. Gemini 3.7 SC can be used for application to these species. Gemini 3.7 SC can be applied over the top of the listed species. The species that are not tolerant to Gemini 3.7 SC when grown in containers are indicated.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to Gemini 3.7 SC.

Table 5. Tolerant Ornamental Species

<i>Scientific name</i>	Common name	<i>Scientific name</i>	Common name
<i>Buxus microphylla</i>	Japanese Boxwood	<i>Hibiscus Rosa-sinensis</i> *	Chinese Hibiscus*
<i>Euonymus japonica</i>	Japanese Spindle Tree (Evergreen Euonymus) 'Gold Spot'	<i>Juniperus chinensis</i>	Chinese Juniper
		<i>Juniperus davuricae</i> †	Parsoni†
		<i>Liriope muscari</i>	Big Blue Lillyturf
<i>Forsythia intermedia</i>	Border Forsythia	<i>Ophiopogon japonicus</i> *	Mondo Grass*
<i>Hemerocallis</i> spp.†	Daylily: 'Aztec Gold', 'Stella De Oro', 'Tender Love', 'Mini Pearl'†	<i>Quercus rubra</i>	Northern Red Oak
		<i>Raphiolepis indica</i>	Indian Hawthorne
		<i>Viburnum plicatum</i>	Japanese Snowball

† Not for use in California

*Not for use on container grown plants

Note: Injury to certain ornamental plants has been observed following application of Gemini 3.7 SC.

Table 6. To avoid plant injury do not use this product for weed control in the following ornamental plant species:

<i>Scientific name</i>	Common name	<i>Scientific name</i>	Common name
<i>Ajuga</i> spp.	Bugleweed or Ajuga	<i>Melaleuca quinquenervia</i>	Rajeput Tree
<i>Brassica</i> spp.	Mustard	<i>Rhododendron caroliniaum</i>	Carolina Rhododendron
<i>Echinacea purpurea</i>	Purple Coneflower	<i>Rhododendron catawbiense</i> 'Roseum elegans'	'Roseum Elegans' Rhododendron
<i>Euonymus alatus</i> 'Compacta'	Dwarf Burning Bush		
<i>Euphorbia</i> spp.	Spurge	<i>Sedum</i> spp.	Stonecrop
<i>Hydrangea</i> spp.	Hydrangea	<i>Yucca recurvifolia</i>	Green Yucca
<i>Iberis</i> spp.	Candytuft		
<i>Juniperus horizontalis</i> 'Prince of Wales'	'Prince of Wales' Juniper		

USE RESTRICTIONS - Container and Field-grown Ornamental Plantings, and Christmas Tree Farms

- In all cases, do not exceed a dosage of 2.5 lbs. active ingredient/acre (87 fl. oz./acre) (1.5 lbs. Prodiamine and 1.0 lbs. Isoxaben) per year on any site and do not repeat an application sooner than 60 days after a previous application. Do not apply Gemini 3.7 SC to seedbeds, or seedling transplant beds. Only apply to established plantings.
- Do not apply to unrooted liners or cuttings that have been planted in pots for the first time.
- Do not apply to pots less than six inches wide.
- Do not apply to ground covers until they are established and well rooted.
- Do not apply to bedding plants or areas where bedding plants will be planted or transplanted within one year after application.
- Do not apply Gemini 3.7 SC to newly transplanted ornamentals, nursery stock, ground covers or ornamental bulbs. Delay application until soil has settled and roots have formed.
- Do not apply after emergence of ornamental bulbs. Ornamental Bulbs grown for commercial production is restricted in California and Arizona.

USE PRECAUTIONS - Container and Field-grown Ornamental Plantings, and Christmas Tree Farms

- Disturbing the herbicide barrier with cultural practices such as disking, harrowing and deep raking can result in reduced weed control.
- Applications of Gemini 3.7 SC over the top of plants with newly forming buds may cause injury. Possible plant injury may be avoided by application as a directed spray to the soil surface beneath ornamental plants.
- Not suggested for application to Gladiolus prior to emergence.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, absorb with sand or other inert material and dispose of absorbent in accordance with the Pesticide Disposal instructions listed below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Non-refillable Container (five gallons or less): Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is not available, puncture and dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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If you have questions regarding the use of this product, call TOLL FREE 1-800-492-8255.

Manufactured for:

Everris NA Inc.
PO Box 3310
Dublin, OH 43016

Made in the USA

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To the extent consistent with applicable law, user or buyer accepts the conditions, disclaimer of warranties and limitations of liability. Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once for full refund.

CONDITIONS: The directions for use of this product are believed to be adequate and the user or buyer must always follow the label directions carefully and exercise judgment and caution when using this product under their growing conditions. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, unsatisfactory or substandard results or other unintended consequences may result because of such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of Everris. All such risks shall be assumed by the user or buyer.

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