Tear Here

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2011-2013 LIC. NO.

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2014-2016 LIC. NO.
8713.6

GREEN LIGHT®

AMAZE®
Grass & Weed Preventer$_2$

Effective Weed Control All Season Long

Controls Weeds In:

- Ornamental Bulbs
- Established Flower Beds
- Ornamental Ground Covers
- Landscape Ornamental Trees and Shrubs

ACTIVE INGREDIENTS:

benefin: *N*-butyl-*N*-ethyl-*a,a,a*-trifluoro-2,6-dinitro-*p*-toluidine	1.0%
oryzalin: 3,5-dinitro-N^4,N^4-dipropylsulfanilamide	1.0%
INERT INGREDIENTS	98.0%
TOTAL	100.0%

Contains 0.08 lb of active ingredient per 4 lb bag.

KEEP OUT OF REACH OF CHILDREN
CAUTION See Back Panel For Additional Precautionary Statements.

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

NET WT. 4 LB. (1.8kg)

GREEN LIGHT®

AMAZE®
Grass & Weed Preventer$_2$

RECEIVED
AUG - 1 2011
Pesticides Branch

Tear Here

GREEN LIGHT® AMAZE®

Grass and Weed Preventer$_2$

PLACE
LABEL
HERE

Green Light and *Amaze* are registered trademarks of Valent U.S.A Corporation

EPA Reg. No. 70506-56-85827 EPA Est. No. 39578-TX-01

Manufactured for:
Green Light, a Valent U.S.A. Company
P.O. Box 8025
Walnut Creek, CA 94596-8025

Form 7080-C
70506-56.20101110

www.greenlightco.com
Tel. (800) 777-5702

MADE IN U.S.A.

Rev. 6-3-2011

0 49424 40504 6

GREEN LIGHT®
AMAZE®
Grass & Weed Preventer$_2$

DIRECTIONS FOR USE

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency medical treatment information, contact **1-800-892-0099**.

For chemical emergency: spill, leak, fire, exposure or accident, call **1-800-892-0099.**

Environmental Hazards: This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container out of reach of children and pets. In case of leak or spill, contain material and dispose of waste. **Pesticide Disposal:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all directions carefully before using this product.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read the Conditions of Sale and Limitation of Warranty and**

Liability elsewhere on this label. If terms are unacceptable, return at once unopened.

PRODUCT PRECAUTIONS AND RESTRICTIONS

Not for use on plants grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses, or lawns and grounds.

- Do not apply this product by air.
- Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.
- Do not apply this product in a way that will contact any person or pets, either directly or through drift. Keep people and pets out of the area during application.
- Wash hands with soap and water promptly after use and after contact with treated plants on day of application.
- This product must be watered in immediately after application to dissolve the granules. A single rainfall or irrigation of 1/2 inch or more is required after product application.
- Do not allow other people or pets to enter the treated areas until dusts have settled. Except for those people involved in the watering-in, do not enter or allow other people or pets to enter the treated areas until the watering-in is complete and the grass is dry.
- Do not graze or feed forage from treated areas to livestock.

WHAT IS AMAZE® GRASS & WEED PREVENTER$_2$?

Amaze Grass & Weed Preventer$_2$ is a pre-emergence herbicide applied to the soil surface to prevent the growth of undesirable weeds and grasses. Simple for homeowner use, *Amaze Grass & Weed Preventer$_2$* forms a protective "barrier" in the soil surface which prevents weeds from emerging.

WHAT WEEDS DOES *AMAZE GRASS & WEED PREVENTER$_2$* CONTROL?

Used properly, this product controls the following broadleaf weeds and weed grasses: **Broadleaf Weeds:** Bittercress, Carpetweed, Coast Fiddleneck, Common Chickweed, Common Groundsel, Common Purslane, Desert Rockpurslane, Florida Pusley, Henbit, Lambsquarters, London Rocket, Pigweed, Prostrate Knotweed, Prostrate Spurge, Puncturevine, Redstem Filaree, Shepherdspurse,

Whitestem Filaree and Yellow Woodsorrel (Oxalis). **Weed Grasses:** Annual Bluegrass, Barnyardgrass, Brachiaria, Browntop Panicum, Crabgrass, Crowfoot-grass, Fall Panicum, Foxtail, Field Sandbur, Goosegrass, Italian Ryegrass, Johnsongrass (seedling only), Junglerice, Little Barley, Little Lovegrass, Mexican Lovegrass, Orcutt Lovegrass, Red Sprangletop, Signalgrass, Southwestern Cupgrass, Texas Panicum, Wild Oats and Witchgrass.

This product provides partial control of the following weeds, depending on soil and weather conditions: **Broadleaf Weeds/Weed Grasses:** Annual Sowthistle, Black Mustard, Black Nightshade, Climbing Milkweed, Common Mallow, Common Ragweed, Horseweed, Ladysthumb, Morningglory, Prickly Lettuce, Smartweed, Spotted Spurge, Teaweed (Prickly Sida), Velvetleaf, Volunteer Wheat and Wild Mustard.

WHERE CAN I USE *AMAZE GRASS & WEED PREVENTER$_2$*?

Apply over the top of **ESTABLISHED** shrubs, flowers, ground covers, bulbs and warm season grasses. **ESTABLISHED** plants are those that have been transplanted into their final growing location and have the soil firmly settled around the roots from packing and rainfall or irrigation. To determine if it is permitted to apply this product over the top of any specific plant, refer to the **List of Tolerant Plants** located near the end of this label. In areas treated with this product, plant only ornamental species listed on the label for a period of one year following application or injury may occur.

Note: If you will be transplanting plants into previously treated areas, untreated soil should be used to backfill such plants, or injury may occur.

Do not apply this product in ornamental plantings where the herbicide may runoff onto lawn areas containing dichondra or cool season turfgrasses. *Amaze Grass & Weed Preventer$_2$* can cause severe injury or death in these plants.

Always read and follow the label directions when applying this product.

WHEN TO APPLY *AMAZE GRASS & WEED PREVENTER$_2$*?

This product stops weeds during germination. **IT WILL NOT KILL ESTABLISHED WEEDS.** Proper timing of application is important for best results. To be effective, this product must be applied before the weeds emerge.

In ornamental flower and shrub beds: For best results, apply as soon as possible after tilling, killing, or pulling existing weeds from bed area. Since many weeds germinate in the spring, an application in early spring prior to the germination of

annual broadleaf weeds and weed grasses is ideal (consult your extension agent or master gardener for the proper time to treat in your area). In warm climates with long growing seasons, a second application may be required 6 to 8 months after the first application to extend effective control.

Over the top of ornamental bulbs: Apply to the soil surface in the fall 2 to 4 weeks after planting of bulbs, but before annual weeds begin to sprout. Apply again in late winter or early spring. Before applying, remove any existing weeds from bed area. In the spring, do not apply to tulip plants that have grown to a height greater than 3/4". If you will be transplanting plants listed on this label into previously treated beds, use untreated soil to backfill such plants, or injury may occur. Otherwise, wait one year and cultivate deeply prior to planting other plants following use of *Amaze Grass & Weed Preventer*$_2$.

In warm-season turfgrasses such as: Tall Fescue, Bermudagrass, St. Augustinegrass, Centipedegrass, Zoysiagrass, Buffalograss or Bahiagrass: For maximum effectiveness, apply prior to the germination of broadleaf weeds and grass weeds (consult your extension agent for the proper time in your area). Apply in late winter to prevent emergence of spring germinating weeds, early spring to prevent summer annual weed grasses and broadleaf weeds, and late summer or early fall to prevent emergence of annual bluegrass and broadleaf winter annuals. If you miss the initial application period, partial control can still be achieved by using this product later than the optimal time since weeds and weed grasses continue to sprout throughout the growing season. Be sure to kill or pull all existing weeds prior to applying *Amaze Grass & Weed Preventer*$_2$ because this product will not control established weeds. In warm climates with long growing seasons, a second application may be required 4 to 6 months after the first application to extend control.

Turfgrass Precautions: This product should not be applied in the spring to turfgrass planted the previous fall. In bermudagrass areas that have been over-seeded with winter grasses, a spring application of this product may thin the overseeded grasses. This product should not be used on dichondra. This product should not be applied to newly sprigged areas of bermudagrass, St. Augustine-grass, centipedegrass or zoysiagrass until these turfs are well established. Do not use on turf type tall fescue in spring and summer following fall seeding. Do not

apply in late summer or early fall to areas where fall overseeding will occur. Wait at least six weeks after application to reseed turfgrasses. When using at the highest rate, delay reseeding for 12 to 16 weeks following application. For satisfactory reseeding results, increase the amount of seed used and use equipment designed to place seed in contact with the soil. This product must be watered in as soon as possible after application to dissolve the granules. A single rainfall or irrigation of ½ inch or more is required after product application.

HOW TO APPLY *AMAZE GRASS & WEED PREVENTER$_2$*?

Read and follow all instructions for the application equipment. Always calibrate equipment according to the manufacturer's directions before applying.

On ornamental tree and shrub and flower beds: Before applying, make sure shrub beds are free of established weeds. Remove weed residues, prunings and trash. Remove or break up large soil clods. Apply evenly over the shrub or bedding area using equipment designed to apply granular herbicides or insecticides (such as a rotary spreader). Read and follow all instructions for the application equipment. Always calibrate equipment according to the manufacturer's directions before applying. During application, check frequently to be sure equipment is working properly and distributing granules uniformly. For a more uniform application, spread one-half the desired amount over the area in one direction, then apply the remaining half at right angles to the first. For optimum weed control performance, thoroughly water in this product within a few hours after application to dissolve the granules.

On Tall Fescue, Bermudagrass, St. Augustinegrass, Centipedegrass, Zoysiagrass, Buffalograss and Bahiagrass lawns: Apply to established turf before germination of target weeds since this product will not control established weeds. Apply evenly over the turfgrass area using a rotary spreader or other equipment used to apply granular herbicides or insecticides. Calibrate equipment according to the manufacturer's directions before applying. During application, check frequently to be sure equipment is working properly and distributing granules uniformly. For a more uniform application, spread one-half the desired amount over the area in one direction, then apply the remaining half at right angles to the first. For optimum weed control performance, thoroughly water in within a few hours after application to dissolve the granules.

HOW MUCH *AMAZE GRASS & WEED PREVENTER$_2$* SHOULD BE APPLIED?

Use the charts below to determine how much to apply. Over-application may result in plant injury or excessive soil residue.

Ornamental shrubs and beds:

Desired Length of Control	Rate of *Amaze* (lb/1,000 sq ft)	Minimum Time Between Applications (months)	Total Amount Allowed per Year (lb/1,000 sq ft)
3 - 4 months	4.5**	2	9

**Equivalent to 200 lb per acre.

Ornamental bulb beds:

Time of Application	Soil Texture	Rate of *Amaze* (lb/1,000 sq ft)	Minimum Time Between Applications (months)	Total Amount Allowed per Year (lb/1,000 sq ft)
Fall	Coarse	1.75**	3	3.4
Fall	Medium and Fine	3.5****	3	5.2
Feb.-March	All Soil Textures	1.75**	3	5.2

**Equivalent to 75 lb per acre.

****Equivalent to 150 lb per acre.

Turfgrass:

Type of Weed	Time of Application	Amount of *Amaze*†
Spring germinating	late winter	2.5 to 3.5 lb / 1,000 sq ft
Summer annual grass-weeds and broadleaf weeds	early spring	3.5 lb / 1,000 sq ft
Annual bluegrass *(Poa annua)* and broadleaf winter annuals	late summer/ early fall	3.5 lb /1,000 sq ft

†*Amaze Grass & Weed Preventer$_2$* may thin established annual bluegrass *(Poa annua)* turfs and fine-leafed fescues at rates above 2.5 lb/1,000 sq ft.

Rate of Amaze (lb/1,000 sq ft)	Minimum Time Between Applications (months)	Total Amount Allowed per Year (lb/1,000 sq ft)
2.5 – 3.5**	3	5 - 7

**Equivalent to 100-150 lb per acre.

HELPFUL APPLICATION TECHNIQUES FOR *AMAZE GRASS & WEED PREVENTER$_2$*

On Ornamental Shrub Beds: Handheld rotary applicators are ideal for broadcast applying this product. The rate of application depends on the gauge setting, walking speed of the operator and the speed of turning the crank. Walk and turn the crank at a constant rate of speed. For hard to reach, small areas, a small container with holes punched in the bottom makes an excellent shaker type applicator. On large areas, the push-type propelled rotary applicator does a fine job. Optimum weed control performance will be obtained if this product is watered in to the soil within a few hours after application.

On Turfgrass: Small area application is easy using a small rotary applicator. To insure proper coverage and avoid missed areas, early morning treatment when wheel tracks are evident in the dew and the wind is calm is ideal.

RECOMMENDED RATES AND APPROXIMATE SPREADER SETTINGS

MAKE	MODEL	LBS PER 1,000 SQ FT				SPREAD WIDTH
BROADCAST SPREADERS		1.25	1.75	2.5	3.5	
ORTHO	6000	2½	3	4	5¼	5'
SCOTTS SPEEDY GREEN	1000/2000/3000	3	4	6	7	6'

List of Tolerant Plants

Do not apply to Begonia, Coleus, Slender Deutzia, Douglas Fir, Techny Arborvitae and Eastern Hemlock as injury may occur.

The following **ESTABLISHED** plants are tolerant to applications of *Amaze Grass & Weed Preventer$_2$:*

Established Flowers: Aster, Baby's Breath, Bird Of Paradise, Blazing Star, Bleeding Heart, Caladium, Chrysanthemum, Coneflower, Coreopsis, Daisy, Geranium, Geum, Gladiolus, Impatiens, Iris, Marigold, Moss, Pansy, Petunia, Ranunculus, Rose, Sage, Snapdragon, Sweet William, Yarrow and Zinnia.

Established Ornamental Shrubs: Abelia, Acacia, Agave, Andromeda, Arborvitae, Azalea, Bamboo, Barberry, Bottlebrush, Bougainvillea, Boxwood, Bridal Wreath, Broom, Cactus, Century Plant, Cherry, Cinquefoil, Cleyera, Cotoneaster, Coyotebush, Cranberry Bush, Crape Myrtle, Cryptomeria, Cypress, Deutzia, Dogwood, Dwarf Burning Bush, Escallonia, Euonymus, Fatshedera, Firethorn, Flame Azalea, Forsythia, Gardenia, Grape, Hawthorn, Hibiscus, Holly, Honeysuckle, Hopseed Bush, Jasmine, Juniper, Leucothoe, Lilac, Lily-Of-The-Valley, Manzanita, Mockorange, Myoporum, Myrtle, Oleander, Osmanthus, Palm, Photinia, Pittosporum, Plumbago, Privet, Protea, Pyracantha, Rhaphiolepis, Rose Of Sharon, Rose, Rosemary, Shrimp Plant, Snowdrift, Sotol, Spiraea, Spruce, Spurge, St. Johnswort, Sumac, Viburnum, Weigela, Wintercreeper, Woadwaxen, Woodbine, Xylosma, Yew, Yewpine and Yucca.

Established Ground Covers: Bellflower, Blue fescue, Cape weed, Carpet bugle, Daisy, Gazania, Grass (Mondo, Pampas), Honeysuckle, Ice plant, Ivy, Jasmine, Lily Turf, Lily, Lily-of-the-Nile, Periwinkle, St. Johnswort, Stonecrop and Trumpet Vine.

Established Trees: Ash, Birch, Blue Palo Verde, California Pepper Tree, Carob, Carrotwood, Cherry, Cottonwood, Crabapple, Cryptomeria, Cypress, Dogwood, Elm, Eucalyptus, Ficus, Fir, Goldenrain tree, Gum, Laurel, Laurelcherry, Linden, Locust, Magnolia, Mahogany, Maidenhair tree, Maple, Mountain Laurel, Mulberry, Oak, Olive, Palm, Pine, Podocarpus, Redbud, Redcedar, Redwood, Sequoia, Spruce, Sycamore, Toyon, Willow and Yellow tab.

Established Ornamental Bulbs: Bulbous Iris, Daffodils, Gladiolus, Narcissus and Tulips.

Established Warm-Season Turfgrasses: Bahiagrass, Bermudagrass, Buffalograss, Centipedegrass, St. Augustinegrass, Tall Fescue and Zoysiagrass.

IMPORTANT INFORMATION
READ BEFORE USING PRODUCT

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Green Light Company or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of Green Light Company and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Green Light Company and Seller harmless for any claims relating to such factors.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GREEN LIGHT COMPANY AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ON THIS LABEL.

To the extent consistent with applicable law, Green Light Company or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product and **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF GREEN LIGHT COMPANY AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF GREEN LIGHT COMPANY OR SELLER,**

THE REPLACEMENT OF THE PRODUCT.

Green Light Company and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by the duly authorized representative of Green Light Company.

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PEEL BACK BOOK AND RESEAL AFTER OPENING

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