

PM23

802-564

7/23/99

1 of 7



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
802-564

Date of Issuance:  
**JUL 23 1999**

**NOTICE OF PESTICIDE:**  
Registration  
**X Reregistration**

(under FIFRA, as amended)

Term of Issuance:  
**Unconditional**

Name of Pesticide Product:  
**Lilly/Miller Weed & Grass  
Preventer**

Name and Address of Registrant (include ZIP Code):

**The Garden Grow Company  
6500 Hanna Road  
P.O. Box 100  
Independence, OR 97351**

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. The following revision may be incorporated into the labeling before the product is released for shipment:

The statement instructing the user to avoid contact with eyes and clothing appears twice in the Precautionary Statements. At your option, one of the redundant statements may be deleted.

Enclosed is a copy of your label stamped "Accepted with Comments". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

Signature of Approving Official:

Date:

**JUL 23 1999**

EPA Form 8570-6

**DK: 305-7546: HB/PM23  
7505C D.KENNY 7/23/99**

LILLY/MILLER  
Weed & Grass Preventer

Stops weeds and grass from growing in annual and perennial flower beds, groundcovers and ornamental beds.  
Contains SURFLAN Herbicide

ACTIVE INGREDIENT:  
Oryzalin (3,5-dinitro-N4,N4-dipropylsulfanilamide) .... 2.84%  
INERT INGREDIENTS ..... 97.16%

SURFLAN is a trademark of DowElanco.

Keep out of reach of children  
CAUTION  
See side panel for additional cautions

NET CONTENTS 1 QUART (946 ml)

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
JUL 23 1999**  
**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
802-564**

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling. Harmful if inhaled or absorbed through the skin. Avoid breathing spray mist, ingestion and contact with eyes, skin, or clothing. Wear a long-sleeved shirt, long pants, shoes and chemical resistant gloves when applying or mixing this product. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists. If swallowed: Call a physician or Poison Control Center. If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists. If inhaled: Remove individual to fresh air. If breathing difficulty occurs, provide cardiopulmonary resuscitation assistance and get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply this product directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Cover or incorporate spills.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING.

Weed & Grass Preventer prevents many weeds and grasses from growing in established ornamental beds, gravel walkways, driveways and around buildings for up to four months. Weed & Grass Preventer can be sprayed onto the soil surface or over the tops of ornamentals and ground covers.

Keep all persons, children and pets out of the treated area until sprays have dried.

Weed & Grass Preventer will control the following weeds and grasses:

Barley, little	Oat, wild
Barnyardgrass (Watergrass)	Oxalis stricta
Bittercress	(Yellow woodsorrel)
Bluegrass, annual	Panicum, fall
Brachiaria (Signalgrass)	(Spreading panicgrass)
Browntop panicum	Panicum, Texas
Carpetweed	(Buffalograss)
Chickweed, common	(Coloradograss)
Crabgrasses	Pigweeds
(Large crabgrass)	(Carelessweed)
(Smooth crabgrass)	(Prostrate pigweed)
Crowfootgrass	(Redroot)
Cupgrass, Southwestern	(Rough pigweed)
Fiddleneck, coast	(Smooth pigweed)
Filaree, redstem	(Spring pigweed)
Filaree, whitestem	(Tumble pigweed)
Foxtails	Puncturevine
(Bottlegrass)	Purslane, common
(Bristlegrass)	Pusley, Florida
(Giant foxtail)	(Florida purslane)
(Green foxtail)	(Mexican clover)
(Pigeongrass)	(Pusley)
(Robust foxtail)	Rocket, London
(Yellow foxtail)	Rock purslane, desert
Goosegrass	Ryegrass, Italian
(Silver crabgrass)	Sandbur, field
Groundsel, common	Shepherdspurse
Henbit Sprangletop, red	
Johnsongrass	Spurge, prostrate
(Seedling only)	Texas Panicum
Jungle Rice	(Buffalograss)
Knotweed, prostrate	(Coloradograss)
Lambsquarters Witchgrass	
Lovegrass, Mexican	Woodsorrel, yellow
Lovegrass, orcutt	(Oxalis stricta)

Weed & Grass Preventer can be used around the following annual and perennial flowers, groundcovers, trees, shrubs, bulbs and ornamentals:

Abelia, Glossy	Iris, bulbous
Andromeda, Japanese	Ivy, English
Arborvitae, Oriental	Juniper
Azalea	Laurel, English
Bird-of-Paradise	Laurel, Mountain
Boxwood, Common	Lilac, Common
Brushcherry	Manzanita, Stanford
Camellia	Maple
Chrysanthemum	Marigold
Cotoneaster dammeri	Narcissus
Daffodil	Oak
Daisy, Tailing African	Oleander
Douglas Fir	Oregon Grape
Escallonia	Pansy, Garden
Eucalyptus, Narrow-Leaved	Periwinkle, Dwarf
Euonymus	Petunia
Fatshedera	Photinia
Fir, Grand	Pieris japonica
Fir, White	Pine
Firethorn	Privet, Glossy
Forsythia, Border	Privet, Golden
Gardenia	Privet, Japanese
Gazania, Treasureflower	Redcedar, Western
Geranium	Rhododendron
Ginkgo	Rose
Gladiolus	Spruce, Colorado Blue
Golden-Rain Tree	Spruce, Norway
Heavenly Bamboo	Starjasmine, Chinese
Holly, English	Sweetgum, American
Honeysuckle, Japanese	Tulip
Hyacinth	Viburnum, Sandankwa
Ice Plant	Xylosma
Impatiens	Zinnia, Common

**HOW TO APPLY:** Weed & Grass Preventer will not kill existing weeds. Before applying Weed & Grass Preventer, remove any weeds, grass, fallen leaves and other plant debris. Rake area smooth, if necessary. Do not use more than the recommended amount of Weed & Grass Preventer or damage may result. Do not apply to steep areas where runoff is possible. Do not use on dichondra or turfgrasses. Do not plant grass or shallow-rooted flowers and groundcovers (less than 4") in treated areas for 4 months following treatment. To prevent weed growth from occurring, do not disturb surface after treatment. Do not apply to or around vegetables. Respray

treated area every 4 months to keep the area weed free. Do not respray a treated area more than 2 times in one year.

To prevent staining avoid application to fences, sidewalks, patios, cement blocks, stucco or painted surfaces. If these surfaces are accidentally sprayed, hose off with water. May stain clothing.

TANK OR PRESSURE SPRAYER INSTRUCTIONS: Start with a clean sprayer. Fill half full with water, add recommended amount of Weed & Grass Preventer to sprayer, then add remaining water. With top on sprayer, shake for 5 seconds to mix. Spray to cover area uniformly. After application, turn on sprinkler or irrigation system for about 1 hour. Do not allow material to run off treated area.

Weed & Grass Preventer	Water	To Cover	
5 Tblsp	1 gal	100 sq.ft.(10x10)	5 1
3/4 cup	2 1/2 gal	250 sq.ft.(25x10)	
1 1/2 cups	5 gal	500 sq.ft.(25x20)	

Specific Directions and Rates for Bulbs:

5 1/2 tsp	1 gal	100 sq.ft.(10x10)
4 1/2 Tblsp	2 1/2 gal	250 sq.ft.(25x10)
9 Tblsp	5 gal	500 sq.ft.(25x20)

Apply Weed & Grass Preventer in the fall, 2 to 4 weeks after planting and before weeds come up. Apply again in late winter or early spring to weed-free soil. Do not apply to tulip plants taller than 3/4".

HOSE END SPRAYER INSTRUCTIONS: To apply Weed & Grass Preventer with a Lilly/Miller Big 15 or other hose-end type sprayer with similar capacity; determine the size of the area to be treated, add the amount of Weed & Grass Preventer required for that area to the sprayer jar, fill sprayer jar with water to the correct marking and spray to cover the area uniformly. After application, turn on sprinkler or irrigation system for about 1 hour. Do not allow material to run off treated area.

Add this amount Weed & Grass Preventer to sprayer jar	Add water to fill sprayer to this mark	Approximate area to cover
4 Tblsp	1 gal	*80 sq ft (8x10)
1 1/2 cups	6 gal	500 sq ft (25x20)
2 cups	8 gal	650 sq ft (25x26)
2 1/2 cups	10 gal	800 sq ft (40x20)

3 3/4 cups top of jar 1200 sq ft (60x20)

For bulbs:

4 1/2 tsp	1 gal	*80 sq ft (8x10)
3 1/2 Tblsp	2 gal	200 sq ft (20x10)
6 Tblsp	4 gal	350 sq ft (35x10)
9 Tblsp	6 gal	500 sq ft (25x20)

\*use for sprayers other than Lilly/Miller Big 15

See attached booklet for additional use directions.

NON-SELECTIVE COMBINATION SPRAY: Using Weed & Grass Preventer and Round-Up or Round-Up L&G.

This combination will kill existing vegetation and keep weeds and grasses from growing for up to three months. Use for driveways and walkways; along sidewalks, fences and patios; around trees, shrubs and ornamental plantings.

DO NOT SPRAY OVER TOP OF DESIRABLE PLANTS. If spray contacts desirable foliage, wash off immediately with clean water. Do not allow spray mixture to stand overnight in spray tank. This will result in poor weed control.

All information on the individual product labels, including all cautions and precautions, must be followed.

TANK OR PRESSURE SPRAYER INSTRUCTIONS: Start with a clean plastic, fiberglass, aluminum or stainless steel sprayer. Fill half full with water, add recommended amount of Weed & Grass Preventer to sprayer, add recommended amount of Round-Up or Round-Up L&G, then add remaining water. With top on sprayer, shake for 5 seconds to mix.

NOTE: A galvanized or unlined steel sprayer is not recommended; however, if used, any spray solution not applied that day must be emptied and the sprayer rinsed.

Spray to cover the area uniformly. Do not water treated area for at least 24 hours after application. After 24 hours, turn on sprinkler or irrigation system for about 1 hour. Do not allow material to run off treated area.

Weed & Grass \*\*Round-Up

Preventer	41% a.i.	Water	Coverage
6 Tblsp	3/4 tsp	1 gal	125 sq ft
3/4 cup	1 1/2 tsp	2 gal	250 sq ft

1-1/2 cups    3 tsp            4 gal            500 sq ft

Weed & Grass Preventer	**Round-Up L&G 18% a.i.	Water	Coverage
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6 Tblsp	3/4 cup	1 gal	125 sq ft
3/4 cup	1 1/2 cup	2 gal	250 sq ft
1-1/2 cups	3 cup	4 gal	500 sq ft

**STORAGE AND DISPOSAL**

Keep from freezing. Store this product in its original container and keep in a locked storage area out of reach of children and domestic animals. Rinse equipment thoroughly with water after using. Do not reuse container. Rinse thoroughly before discarding and securely wrap original container in several layers of newspaper and discard in trash.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

THE GARDEN GROW COMPANY  
P.O. BOX 100  
INDEPENDENCE, OREGON 97351  
EPA Reg. No. 802-564  
EPA Est. XXX-XX-X