

PM23 961-280

10711

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

29 JUL 1993

Mr. Henry Rohland  
Lebanon Chemical Corporation  
P.O. Box 180  
Lebanon, Pennsylvania 17042

Dear Mr. Rohland:

Subject: Greenview Preen  
Request to Expand Directions and New Uses  
EPA Registration No. 961-280  
Your Submission Dated June 3, 1993

The labeling referred to above, submitted in connection with registration under the Federal, Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

1. Under the Environmental Hazards Statement, replace the sentence, "For terrestrial uses, do not apply to water..." to read "Do not apply directly to water..."
2. Within the Precautionary Statement, add the following reentry statement:  
  
"Do not allow persons or pets on treated areas until sprays have dried or dusts have settled."
3. Since this product is intended for homeowner use only, revise the pesticide disposal statement to read:  
  
"Securely wrap unused product in several layers of newspaper and discard in trash."

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes, before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

3011

NET WEIGHT: XX LBS.  
TREATS OR COVERS: XXXX SQ. FT.

# NOT FOR USE ON LAWNS

## GREENVIEW PREEN

The Flower and Garden Weed Preventer

**Prevents Weeds Around Flowers, Roses, Shrubs, Trees and Vegetables**

**ACTIVE INGREDIENTS:**

Trifluralin (a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine) 1.47%

**INERT INGREDIENTS:** 98.53%

**TOTAL:** 100.00%

EPA Reg. No. 961-280

(L) (D)  
EPA Est. 961-PA-01:961-IL-01  
Superscript used is first letter of lot number.

### CAUTION

**KEEP OUT OF REACH OF CHILDREN**

### MANUFACTURED BY:

**Lebanon Chemical Corporation**

**Lebanon, PA 17042**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

**29 JUL 1993**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
amended, for the pesticide  
registered under EPA Reg. No.

961-280

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Keep out of reach of children and pets. Harmful if swallowed or absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. In case of contact, wash hands with soap and water, flush eyes with running water and get medical attention if irritation persists. Wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water when disposing of equipment washwaters.

**DIRECTIONS FOR USE**

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

**What This Product Does**

This product prevents most weeds from germinating around listed flowers, roses, shrubs, tree and vegetables all season long without difficult and time-consuming hand weeding. Without weeds to compete for space, plant nutrients and water, your valuable plants can grow larger and stronger. Do not apply to Ajuga, Myrtle or Pachysandra as injury may result.

**ANNUAL WEEDS AND GRASSES CONTROLLED**

Annual Bluegrass, Barnyardgrass (Watergrass), Brachiaria, Bromegrass, Cheat, Crabgrass, Foxtail, Goosegrass, Johnsongrass (from seed), Junglerice, Sandbur, Stinkgrass, Sprangletop, Texas Panicum, Wildcane. Also controls these broadleaf weeds: Carlessweed, Carpetweed, Chickweed, Florida Purslane, Goosefoot, Knotweed, Kochia, Lambsquarter, Pigweed, Purslane, Russian Thistle, Stinging Nettle.

**THIS PRODUCT IS RECOMMENDED FOR THESE ESTABLISHED FLOWERS**

Achiella, African Daisy, Ageratum, Arctotis, Aster, Balsam, Black-Eyed Susan, Calendula, California Poppy, Calliopsis, Carnation, Centaurea, Coreopsis, Cornflower, Cosmos, Crysanthemum, Daffodil, Dahlia, Dianthus, Dimorthea, Dusty Miller, Floss Flower, Forget-Me-Not, Four O'Clock, Gaillardia, Gladiolus (corns more than 1" in diameter), Golden Glow, Hollyhock, Impatien, Ixora, Lobelia, Lupinus, Marigold, Morning Glory, Nasturtium, Nicotiana, Periwinkle, Petunia, Phlox, Pincushion Flower, Portulaca, Rose, Rudbeckia, Salvia, Scabiosa, Shasta Daisy, Snapdragon, Stock, Snow-on-the-Mountain, Sunflower, Sweet Alyssum, Sweet Pea, Sweet Sultan, Sweet William, Tulip, Yarrow, Zinnia.

**THIS PRODUCT IS RECOMMENDED FOR THESE ESTABLISHED SHRUBS**

American Arborvitae, American Cherry Laurel, Azalea, Barberry, Boxwood, Camellia, Cinquefoil, Common Lilac, Cotoneaster, Deutzia, Elaeagnus, Euonymus, Forsythia, Holly, Honeysuckle, India Hawthorn, Juniper, Mock-Orange, Mountain Laurel, Pieris Japonica, Pineapple Guava, Privet, Pyracantha, Rhododendron, Robira, Sakaki, Spiraea, Viburnum, Weigela Bristol Ruby, Willow, Yew.

**THIS PRODUCT IS RECOMMENDED FOR THESE ESTABLISHED TREES**

Almond, Apple, Apricot, Bald Cypress, Balsam Fir, Black Gum, Black Locust, Black Walnut, Canada Hemlock, Cherry, Chinese Chestnut, Colorado Blue Spruce, Cottonwood, Dogwood Flowering, Douglas Fir, European White Birch, Honey Locust, Japanese Larch, London Plane-Tree, Maple, Oak, Peach, Pine, Plum, Redbud, Stone-Fruits, Sycamore, Spruce, Sweetgum, Tuliptree, White Ash.

**THIS PRODUCT IS RECOMMENDED FOR THESE ESTABLISHED ORNAMENTAL GROUND COVERS**

Aaronsbeard, Asparagus, Bellflower, Big Blue Lilyturf, Bunge, Ceanothus, Coreopsis, Cotoneaster, Crown Vetch, Dwarf Coyote Brush, Dwarf Peter Pan, Gazania, Germander, Ice Plant, Algerian Ivy, California Ivy, English Ivy, Needlepoint Ivy, Lily-of-the-Nile, Marigold, Mascarene Grass, Myoporum, Rock Rose, Rosemary, Rose of Sharon, Rupturewort, Sedum, Snow-in-Summer, Speedwell, Strawberry, St. Johns-Wort, Thrift Sea-Pink, Tickseed, Trailing African Daisy, Verbena, Wire Plant, Woolly Yarrow.

**THIS PRODUCT IS RECOMMENDED FOR THESE VEGETABLES AS DIRECTED**

**From Seed:** Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collard, Black-Eyed Peas, Field Peas, Green Peas, Kale, Lima Beans, Mustard Greens, Okra, Southern Peas (Cow Peas), Snap Beans, Turnip Greens. Treat prior to seeding.

**Before transplanting:** Broccoli, Brussels sprouts, Cabbage, Cauliflower, Celery, Peppers, Tomatoes. Make application to prepared soil and incorporate into soil prior to placing transplants.

**Post Emergence:** Cantaloupe, Cucumber, Watermelon. Apply after plants are in the 3 to 4 true leaf stage.

**Asparagus:** Established plants only. Apply after ferns are removed but prior to spear emergence.

**Potatoes (except in the State of Maine):** May be applied after planting before or after emergence. Use care not to damage seed pieces in cultivating, nor allow treated soil to contact emerged plant foliage.

In all cases, cultivate this product into the soil after application, using care not to damage emerged crops.

**WHEN TO APPLY**

Apply this product as early as possible during the growing season. You may apply anytime during the growing season around established flowers, roses, shrubs, trees and anytime prior to setting transplants. Rain does not wash this product out of the soil. Once weeds have begun their growth, you must remove existing weeds and then apply this product as directed during the growing season to your established flowers, roses, shrubs and trees. May be applied up to 10 weeks before planting direct seeded vegetables listed and anytime prior to setting transplants. Do not use on flower seeds. For best results, follow directions carefully.

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## HOW TO APPLY

Since this product doesn't kill weeds but prevents them, you must apply this product prior to germination of weed seeds or you must first remove existing weeds before applying.

### ESTABLISHED PLANT APPLICATION

Flowers, roses, shrubs, trees and listed vegetables at least 2"-3" tall (*See special section for use on vegetables*): Sprinkle this product evenly over the soil surface, using enough to match this picture.



This surface rate application equals 1 oz. per 10 sq. ft. Do not apply when foliage is wet. Best results are obtained by lightly watering into soil after application.

### PRE-PLANTING APPLICATION

Apply at the rate of 1 oz. per 10 sq. ft. before setting transplants. Gently rake in. Do not use with flower seeds. Gladiolus corms less than 1" in diameter may be injured by pre-plant application. Best results will result when lightly watered in.

### FOR USE ON VEGETABLES

Apply this product as a weed control in certain vegetable crops as directed. Application may be made as much as 10 weeks prior to planting direct seeded vegetables listed and anytime prior to setting transplants. Remove all existing weeds first then lightly cultivate to prepare a smooth soil surface. Rate of application depends on type of soil. Apply at 1 lb. per 640 sq. ft. for heavy clay-type soils and at 1 lb. per 1,280 sq. ft. for light soils. Gently rake into the top 1-3 inches of soil within 24 hours after application. Do not use on soils containing more than 10% organic matter.

### LIMITATIONS

Do not apply this product to muck soils. Do not over-apply; injury may occur to subsequent crops which are sensitive to trifluralin. Do not use with crops other than those listed on this label. This product is not intended to use on lawns, nor for use in enclosed areas, such as greenhouses.

## STORAGE AND DISPOSAL

**STORAGE:** Keep in original container in a cool, dry area, away from extreme heat and direct sunlight. Do not store near food, feed, seeds or other pesticides.

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

**CONTAINER DISPOSAL:** Do not reuse container. Discard container in trash.

The Manufacturer makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the face hereof. All statements made concerning this product apply only when used as directed.

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**CHANGES TO  
961-280  
GREENVIEW PREEN**

**(Original label approved by EPA April 4, 1988)**

- 1) Under **WHAT THIS PRODUCT DOES**, sentence changed from:

**"Without weeds to compete for space, plant nutrients and water, your valuable plants can grow larger, stronger and healthier;"**

to

**"Without weeds to compete for space, plant nutrients and water, your valuable plants can grow larger and stronger."**

- 2) Header changed from:

**"ANNUAL WEEDS CONTROLLED"**

to

**"ANNUAL WEEDS AND GRASSES CONTROLLED"**

- 3) Flowers Added:

**Black-Eyed Susan, Coreopsis, Cornflower, Dusty Miller, Floss Flower, Golden Glow, Impatien, Pincushion Flower, Sweet Sultan, Tulip, Yarrow**

- 4) Trees Added:

**Almond, Apricot, Cherry, Peach, Plum**

- 5) Ground Covers Added:

**Aaronsbeard, Coreopsis, English Ivy, Rupturewort**

6) **Vegetables From Seed Added:**

**Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Celery, Collard, Green Peas, Kale, Mustard Greens - "Treat prior to seeding" added**

7) **"After Transplanting - Irish Potatoes" changed to "Potatoes (except in the State of Maine)..."**

8) **Sentence added, "In all cases, cultivate this product into the soil after application, using care not to damage emerged crops."**

9) **Under "WHEN TO APPLY" section, changes made:**

a) **Sentence changed from, "Apply Preen as early as possible during the growing season to take advantage of the season-long weed control;"**

**to**

**"Apply this product as early as possible during the growing season."**

b) **The following sentence was added under this section, "You may apply anytime during the growing season around established flowers, roses, shrubs, trees and anytime prior to setting transplants. Rain does not wash this product out of the soil."**

c) **Sentence changed from, "May be applied up to 10 weeks before planting direct seeded vegetables;"**

**to**

**"May be applied up to 10 weeks before planting direct seeded vegetables listed and anytime prior to setting transplants. Do not use on flower seeds. For best results, follow directions carefully."**

- 10) Under "ESTABLISHED PLANT APPLICATION" section, changes made:
  - a) "(See special section for use on vegetables)" added
  - b) "Do not apply when foliage is wet. Best results are obtained by lightly watering into soil after application," added
  
- 11) PRE-PLANTING APPLICATION section and statements added.
  
- 12) FOR USE ON VEGETABLES section and statements added.
  
- 13) LIMITATIONS and statements added.