

PM-23

Reg # 1812-359

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

1812-359

Date of Issuance:

AUG 16 1995

## NOTICE OF PESTICIDE:

  X   Registration  
      Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Trilin HG

Name and Address of Registrant (Include ZIP Code):

Griffin Corporation  
P.O. Box 1847  
Valdosta, GA 31603

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 1812-359".
- b. Under the "Statement of Practical Treatment" change the eyes, skin and oral statements to read as follows:

Signature of Approving Official:

Date:

AUG 16 1995

EPA Form 8570-6

7505C  
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**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water.

**IF ON SKIN:** Wash immediately with plenty of soap and water. Get medical attention.

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. Induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person."

3. This product falls within the scope of the Worker Protection Standard, 40 CFR Part 170. The labeling must bear the "Agricultural Use Requirements", which pertain to restricted-entry intervals, personal protection equipment and notification. Add the following to the labeling: "Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for 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 intervals. 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 (REI) of 12 hours.

**Exception:** If 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 - Waterproof gloves - Shoes plus socks
- Protective eyewear"

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4. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

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

Enclosure

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# Trilin<sup>®</sup> HG

HERBICIDE



Made in the USA

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
AUG 16 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
1812-359

**ACTIVE INGREDIENT**

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

**INERT INGREDIENTS**..... 98.53%

**TOTAL**..... 100%

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING - AVISO**

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)

**STATEMENT OF PRACTICAL TREATMENT**

- IF IN EYES:** Flush with plenty of water for at least 15 minutes. Get medical attention
- IF ON SKIN:** Wash immediately with soap and water.
- IF SWALLOWED:** Drink 1 to 2 glasses of water. Induce vomiting by placing finger in back of throat. Do not induce vomiting or give anything by mouth to an unconscious person
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention

**GRIFFIN CORPORATION**  
VALDOSTA, GEORGIA 31601

EPA REG NO 1812

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

**WARNING**

Precautionary Statements: Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply to water, 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.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Wash contaminated clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

**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.

**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. Do not apply this product through any type of irrigation system. Trilin 10G is a herbicide which must be applied prior to the emergence (preemergence) of annual broadleaf and grassy weeds. To assure prolonged control (seasonal) of weeds shown below, soil incorporation is essential.

**NON-AGRICULTURAL 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, forest, nurseries or greenhouses. Non-crop weed control is not within the scope of the Worker Protection Standard.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, feed, other pesticides, fertilizer or seeds.

**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:** Completely empty bag by shaking and tapping sides and bottom to loosen any clinging particles into application equipment. Then dispose of bags in a sanitary landfill or by incineration, or if allowed by State and local authorities by burning. If burned, stay out of smoke.

**BROADLEAF AND GRASSY WEEDS  
CONTROLLED BY TRILIN 10G**

**Annual Grasses**

Annual bluegrass  
Annual ryegrass  
Barnyardgrass (Watergrass)  
Bromegrass  
Cheat  
Crabgrass  
Foxtails  
Johnsongrass (from seed)  
Junglerice  
Sandbur  
Signalgrass  
Sprangletop  
Stinkgrass  
Wildcane (shattercane)  
Wild oat (partial control)  
Woolly cupgrass

**Annual Broadleaf Weeds**

Carpetweed  
Chickweed  
Florida pusley (Florida  
purslane)  
Goosefoot  
Henbit  
Knotweed  
Lambsquarter  
Pigweed  
Puncturevine  
Purslane  
Stinging nettle



## ORNAMENTAL TREES

Common Name	Scientific Name
Almond	<i>Prunus dulcis</i>
Apple, Crabapple	<i>Malus</i> spp.
Apricot	<i>Prunus ameriaca</i>
Ash, White	<i>Fraxinus americana</i>
Baldcypress	<i>Taxodium distichum</i>
Birch, European White	<i>Betula pendula</i>
Blackgum	<i>Nyssa sylvatica</i>
Cherry	<i>Prunus</i> spp.
Chestnut, Chinese	<i>Castanea mollissima</i>
Cottonwood	<i>Populus deltoides</i>
Dogwood, Flowering	<i>Cornus florida</i>
Dogwood, Kousa	<i>Cornus kousa</i>
Douglasfir	<i>Pseudotsuga menziesii</i>
Fir, Balsam	<i>Abies balsamea</i>
Hemlock, Canada	<i>Tsuga canadensis</i>
Honeylocust	<i>Gleditsia triacanthos</i>
Larch, Japanese	<i>Larix kaempferi</i>
Locust, Black	<i>Robinia pseudoacacia</i>
Maple, Norway	<i>Acer platanoides</i>
Maple, Red	<i>Acer rubrum</i>
Maple, Silver	<i>Acer saccharinum</i>
Maple, Sugar	<i>Acer saccharum</i>
Oak, Pin	<i>Quercus palustris</i>
Oak, Red	<i>Quercus rubra</i>
Oak, Scarlet	<i>Quercus coccinea</i>
Peach	<i>Prunus persica</i>
Pine, Austrian	<i>Pinus nigra</i>
Pine, Eastern White	<i>Pinus strobus</i>
Pine, Japanese Black	<i>Pinus thunbergiana</i>
Pine, Loblolly	<i>Pinus taeda</i>
Pine, Red	<i>Pinus resinosa</i>
Pine, Scotch	<i>Pinus sylvestris</i>
Planetree, London	<i>Platanus acerifolia</i>
Plum	<i>Prunus</i> spp.
Redbud, Eastern	<i>Cercis canadensis</i>
Spruce, Colorado	<i>Picea pungens</i>
Spruce, Norway	<i>Picea abies</i>
Spruce, White	<i>Picea glauca</i>
Sweetgum	<i>Liquidambar styraciflua</i>
Sycamore	<i>Platanus occidentalis</i>
Tuliptree	<i>Liriodendron tulipifera</i>
Walnut, Black	<i>Juglans nigra</i>

## ORNAMENTAL GROUND COVER PLANTING

Common Name	Scientific Name
Aaronsbeard	<i>Hypericum calycinum</i>
Bellflower, Adriatic	<i>Campanula elatines</i>
Bellflower, Poscharsky	<i>Campanula poscharskyana</i>
Ceanothus	<i>Ceanothus</i> spp.
Coreopsis	<i>Coreopsis</i> spp.
Cotoneaster	<i>Cotoneaster</i> spp.
Coyote Brush	<i>Baccharis pilularis</i>
Crown Vetch	<i>Coronilla vana</i>
Daisy Trailing African	<i>Osteospermum fruticosum</i>
Fern, Asparagus	<i>Asparagus densiflorus</i>
Gazania	<i>Gazania</i> spp.
Germander	<i>Teucrium chamaedrys</i>
Ice Plant, Largeleaf	<i>Carpobrotus edulis</i>
Ivy, Algerian	<i>Hedera canariensis</i>
Ivy, English	<i>Hedera helix</i>
Lily-of-the-Nile	<i>Agapanthus</i> spp.
Lilyturf, Bigblue	<i>Liriope muscari</i>
Marigold	<i>Tagetes</i> spp.
Myoporum	<i>Myoporum laetum</i>
Plumbago Dwarf	<i>Ceratostigma plumbaginoides</i>

## COMMON NAMES

Rockrose  
Rosemary  
Rupturewort  
Snow-in-Summer  
Speedwell  
St. Johnswort  
Stonecrop (Sedum)  
Strawberry, Beach  
Thrift  
Verbena  
Wirevine, Creeping  
Yarrow, Woolly  
Zoysiagrass

*Cistus* spp.  
*Rosmarinus officinalis*  
*Herniaria glabra*  
*Cerastium tomentosum*  
*Veronica* spp.  
*Hypericum coris*  
*Sedum* spp.  
*Fragaria chiloensis*  
*Ameria maritima*  
*Verbena* spp.  
*Muehlenbeckia axillaris*  
*Achillea tomentosa*  
*Zoysia tenuifolia*

## ORNAMENTAL WOODY SHRUBS

Common Name	Scientific Name
Andromeda, Japanese	<i>Pieris japonica</i>
Arborvitae, American	<i>Thuja occidentalis</i>
Azalea	<i>Rhododendron</i> spp.
Barberry, Japanese	<i>Berberis thunbergii</i>
Barberry, Mento	<i>Berberis mentorensis</i>
Boxwood, Common	<i>Buxus sempervirens</i>
Boxwood, Harlands	<i>Buxus harlandi</i>
Boxwood, Littleleaf	<i>Buxus microphylla</i>
Camellia, Japanese	<i>Camellia japonica</i>
Camellia, Sasanqua	<i>Camellia sasanqua</i>
Cherry laurel, American	<i>Prunus caroliniana</i>
Cinquefoil	<i>Potentilla</i> spp.
Cleyera, Japanese	<i>Cleyera japonica</i>
Cotoneaster, Cranberry	<i>Cotoneaster apiculata</i>
Cotoneaster, Zabel	<i>Cotoneaster zabelii</i>
Deutzia	<i>Deutzia</i> spp.
Elaeagnus, Silverberry	<i>Elaeagnus pungens</i>
Euonymus, Spreading	<i>Euonymus kiautschovica</i>
Euonymus, Winged	<i>Euonymus alatus</i>
Euonymus, Wintercreeper	<i>Euonymus fortunei</i>
Firethorn	<i>Pyracantha</i> spp.
Forsythia	<i>Forsythia</i> spp.
Guava, Pineapple	<i>Feijoa sellowiana</i>
Holly	<i>Ilex</i> spp.
Honeysuckle	<i>Lonicera</i> spp.
Indiahawthorn	<i>Raphiolepis indica</i>
Juniper	<i>Juniperus</i> spp.
Laurel, Mountain	<i>Kalmia latifolia</i>
Lilac, Common	<i>Syringa vulgaris</i>
Mockorange	<i>Philadelphus</i> spp.
Pittosporum, Japanese	<i>Pittosporum tobira</i>
Privet	<i>Ligustrum</i> spp.
Redcedar, Eastern	<i>Juniperus virginiana</i>
Rhododendron	<i>Rhododendron</i> spp.
Spiraea, Vanhoutte	<i>Spiraea vanhouttei</i>
Viburnum	<i>Viburnum</i> spp.
Weigela	<i>Weigela</i> spp.
Willow	<i>Salix</i> spp.
Yew, Anglojap	<i>Taxus media</i>
Yew, Japanese	<i>Taxus cuspidata</i>
Yewpine	<i>Podocarpus macrophyllus</i>

## ROSES AND OTHER ESTABLISHED FLOWERS

Common Name	Scientific Name
African Daisy	<i>Centaurea</i> Velvet
Aster (perennial)	<i>Chrysanthemum</i>
Balsam	<i>Coreopsis</i>
Blackeyed Susan	<i>Cornflower</i>
Calendula	<i>Cosmos</i>
Carnation	<i>Dahlia</i>

Common Name	Scientific Name	Common Name	Scientific Name
Dianthus	Phlox	Ixora	Stock
Dusty Miller	Pincushion Flower	Lobelia	Sunflower
Floss Flower	Poppy, California	Lupine	Sweet Alyssum
Forget-me-not	Portulaca	Marigold	Sweet Pea
Four O'Clock	Rose	Marigold, Cape	Sweet Sultan
Gaillardia	Salvia	Morningglory	Sweet William
Gladiolus	Shasta Daisy	Nasturtium	Vinca
Golden Glow	Snapdragon	Nicotiana	Yarrow
Impatiens	Snow-on-the-mountain	Petunia	Zinnia

### Specific Instructions for Fruit, Vegetable, Nut, and Vineyard Crops:

For control of weeds in the listed crops in this section use the following application rate table.

### APPLICATION RATES

Soil Texture	Broadcast Application Rates oz/1000 sq ft
Sand, loamy sand, sandy loam	12.5 oz (1lb/1,280sq ft)
Loam, silt, silt loam	16.66 oz (1lb/960 sq ft)
Clay, clay loam, sandy clay	25 oz (1lb/640 sq ft)

Apply and incorporate the indicated amount of Trilin HG to a smooth weed free soil surface. Optimum weed control performance will be obtained if Trilin HG is mechanically incorporated such as with a rake or rototiller 2" to 3" deep within a few hours after application. Trilin HG is recommended for application to the following crops at the indicated stage of growth.

### BEFORE PLANTING

Bean (Castor, Dry, Guar, Lima, Mungbean and Snap)

Carrot

Celery - direct seeded or transplant

Chicory/Endive

Cole Crops (Broccoli, Brussels Sprout, Cabbage and Cauliflower) - transplant

Fruit and Nutcrops (Almond, Citrus, Grape, Nectarine, Peach, Pecan, Plum, Prune, Walnut)

Greens (Collard, Kale, Mustard)

Okra

Pea (Dry and English)

Pepper - transplant

Radish

Sunflower

Tomato - transplant

### AT PLANTING

Celery - direct seeded or transplant



# AFTER PLANTING

Asparagus - established: Apply and incorporate prior to spear emergence in the spring.

Celery - direct seeded and transplant

Cucurbit (Cantaloupe, Cucumber and Watermelon): Apply and incorporate between the rows and beneath plants in the 3 to 4 true leaf stage.

Fruit and Nutcrops (Almond, Citrus, Grape, Nectarine, Peach, Pecan, Plum, Prune, Walnut) - established: Apply 25 to 50 oz. per 1,000 sq. ft. on all soil types. Do not apply to grapes within 60 days of harvest.

Onion - grown for dry bulb only: avoid covering exposed bulbs with treated soil or injury may occur.

Potato: Apply after planting, prior to crop emergence, or after plants have emerged. Do not cover foliage with treated soil if applied after emergence.

Tomato - direct seeded: apply at thinning after plants are 2" to 3" tall to soil between rows and beneath plants and incorporate.