


PM 23

17545-9

10-27-97

Pg 177

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u>  x  </u> Registration <u>      </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number:  17545-9	Date of Issuance:  OCT 27 1997
	Term of Issuance: Conditional	
	Name of Pesticide Product: Treflan E.C. Weed and Grass Preventer	
Name and Address of Registrant (include ZIP Code):  Monterey Chemical Company P.O. Box 5317 Fresno, CA 93755		
<p>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.</p> <p>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.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration 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.</li> <li>2. Make the following label changes before you release the product for shipment: <ol style="list-style-type: none"> <li>a. Revise the EPA Registration Number to read, "EPA Reg. No. "17545-9".</li> <li>b. Revise the "Statement of Practical Treatment" to read as follows:  "IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention."</li> </ol> </li> </ol>		
Signature of Approving Official:		Date: OCT 27 1997

"IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

- c. Revise the first paragraph under "Hazards to Humans and Domestic Animals" to read as follows:

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled, or absorbed through the skin. May cause skin sensitization reaction in certain individuals.

- d. The "Engineering Controls Statements" should read:

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 CSF 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

- 3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

OCT 27 1997

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

17545-9

000000



MONTEREY  
CHEMICAL  
COMPANY

# TREFLAN® E.C.

## Weed and Grass Preventer

A selective, preemergence herbicide for use in ornamental and vegetable gardens for the control of annual grasses and broadleaf weeds

**Active Ingredient:**

Trifluralin* (a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine) .....	43.0%
Inert Ingredients: .....	57.0%
<b>Total:</b> .....	<b>100.0%</b>

Contains petroleum distillates.  
Contains 4 pounds active ingredient per gallon.

EPA Reg. No. 17545- *Q* EPA Est. No. 48498-CA-1

® mark of Dow Elanco

**Net Contents: 1 Gallon/3.8 Liters**

Manufactured By:  
**MONTEREY CHEMICAL COMPANY**  
P. O. Box 5317 • Fresno, CA 93755 • (203) 499-2100

### 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:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**If Swallowed:** Do not induce vomiting. Call a physician or Poison Control Center. If available, administer activated charcoal (6-8 heaping teaspoonfuls) with a large quantity of water. Do not induce vomiting or give anything by mouth to an unconscious person. Immediately transport to a medical care facility and see a physician.

**If on Skin:** Immediately wash with plenty of soap and water. Get medical attention if irritation develops.

**If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably cardiopulmonary resuscitation assistance and get medical attention immediately.

**NOTE TO PHYSICIAN:** This product contains an aromatic hydrocarbon and can be extremely harmful if swallowed. Aspiration of this product may produce a severe pneumonitis. Stomach lavage with a cuffed endotracheal tube in place and immediate administration of activated charcoal, 6-8 heaping teaspoonfuls with water, should be considered. Treatment is otherwise symptomatic and supportive.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through the skin. TREFLAN E.C. may cause skin sensitization reactions in certain individuals. Avoid breathing vapors or spray mist and contact with skin, eyes, or clothing.

#### Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selections chart.

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as Barrier Laminate or Viton
- Shoes plus socks
- Protective eyewear

Discard 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.

#### Engineering Controls Statements

When handlers use closed systems, enclosed cabs, or aircraft 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.

47

#### 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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 by cleaning of equipment or disposal of equipment washwaters or rinsate.

### DIRECTIONS FOR USE

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

Read all Directions for Use Carefully before applying.

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.

TREFLAN E.C. is a selective preemergence herbicide for the control of annual grasses and broadleaf weeds in nursery stock, ornamental trees, ornamental woody shrubs, ornamental groundcover, roses, established flowers, vegetable gardens and under paved surfaces.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker's 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 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 areas 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 Barrier Laminate or Viton
- Shoes plus socks
- Protective eyewear

**Special Precaution:** Do not apply Treflan E.C. through any type of irrigation system.

#### GENERAL INFORMATION

TREFLAN E.C. is a preemergence herbicide which is incorporated (mixed) into the soil to provide a long-lasting control of annual grasses and broadleaf weeds (see following list). TREFLAN E.C. controls weeds by killing their seeds as they germinate. It does not control established weeds.

Incorporation of TREFLAN E.C. helps assure effective weed control regardless of weather conditions and permits shallow cultivation, rotary hoeing and hand hoeing without reducing its weed control activity.

TREFLAN E.C. is recommended for use on a wide variety of vegetables, ornamental trees, ornamental groundcovers, shrubs and flowers. The ornamental species on which TREFLAN E.C. can be used at recommended rates without damage include those listed in label under "Approved Ornamental Species."

## GENERAL USE PRECAUTIONS

Applied according to directions and under normal growing conditions, TREFLAN E.C. will not harm the treated crop. Over application may result in crop injury or a soil residue. Uneven application or improper soil incorporation of TREFLAN E.C. can result in erratic weed control or crop injury. Seedling disease, cold weather, deep planting, excessive moisture, high salt concentration or drought may weaken crop seedlings and increase the possibility of damage from TREFLAN E.C. Under these conditions, delayed crop development or reduced yields may result.

### GRASSES CONTROLLED BY TREFLAN E.C.

Annual bluegrass	Johnsongrass (from seed)
Barnyardgrass (Watergrass)	Junglerice
Brachiaria	Panicum, Fall
Bromegrass	Panicum, Texas
Cheat	Sandbur
Crabgrasses	Sprangletop
Foxtail	Stinkgrass
	Woolly cupgrass

### BROADLEAF WEEDS CONTROLLED BY TREFLAN E.C.

Carpetweed	Lambsquarters
Chickweed	Pigweed
Florida pusley	Puncturevine (Western U.S. only)
Goosefoot	Purslane
Knottedweed	Russian thistle
K	Stinging nettle

N TREFLAN E.C. will not control certain resistant weeds such as Cocklebur, Velvetleaf, Jimsonweed, Ragweed, Venice Mallow and Nutgrass.

## ORNAMENTALS

### APPLICATION DIRECTIONS

TREFLAN E.C. is to be mixed with water and applied as a spray before, or in the same operation as soil incorporation. Apply in 5 to 40 gallons of water per acre (broadcast basis) using any properly calibrated low-pressure boom-type herbicide sprayer that will uniformly apply the spray. Pour the recommended amount of TREFLAN E.C. for your soil type into the spray tank during the filling operation and mix thoroughly before spraying. Do not apply more than the recommended amount.

### INCORPORATION DIRECTIONS

TREFLAN E.C. must be incorporated into the soil after application to prevent loss of its activity. Spraying and incorporation should be done in the same operation, if possible. Incorporation may be delayed up to 24 hours after application. Variable weed control may result from delayed incorporation if TREFLAN E.C. is applied to a wet, warm soil surface or if the wind velocity is 10 mph or higher.

The machinery used for incorporation should break up large clods and mix TREFLAN E.C. thoroughly with the soil. The more thoroughly TREFLAN E.C. is mixed with the soil, the more consistent the weed control will be.

Apply and incorporate TREFLAN E.C. prior to planting new nursery stock liners, ornamentals, trees and woody shrubs, and gladioli. (Gladioli corms less than 1 inch in diameter may be injured by pre-plant applications of TREFLAN E.C.) TREFLAN E.C. may also be applied to established plantings by using a directed spray to the soil between the rows and beneath the plants.

**Incorporation Before Planting (Pre-plant):** Thorough incorporation may be achieved with the following:

- 1) P.T.O.-driven equipment (tillers, cultivators, hoes) set to cut 2 to 3 inches deep with rotors spaced to provide a clean sweep of the soil;
- 2) Double disc (or double disc with spiketooth harrow in tandem) set to cut 3 to 4 inches deep and operated in two different directions (cross disced) at 4 to 6 mph;
- 3) Mulch treader and other similar disc-type implements set to cut 3 to 4 inches deep and operated twice at 5 to 8 mph;
- 4) Rolling cultivators set to cut 2 to 4 inches deep and operated twice at 6 to 8 mph; or
- 5) A bed conditioner (Do-All) set to cut 2 to 4 inches deep and operated at 4 to 6 mph.

**Incorporation After Planting (Post-plant):** Incorporation may be achieved around established plants by using P.T.O.-driven equipment (tillers, cultivators, hoes) set to cut 2 to 3 inches deep with rotors spaced to provide a clean sweep of the soil, or rolling cultivators set to cut 2 to 4 inches deep and operated twice at 6 to 8 mph. When incorporating TREFLAN E.C. in transplants, new liners, or established plants, the implement should be adjusted so that the treated soil is thrown forward and around the plants in the row.

Clean cultivate areas to be treated before application since TREFLAN E.C. will not control established weeds.

Shallow incorporation with implements set to cut soil less than 2 inches deep may result in erratic weed control. Do not use spiketooth or springtooth harrows alone for incorporation.

## Broadcast (Overall) Application Rates for Soil Incorporation Only

5/7

Coarse Soils	Sand and sandy loam 1 pint per acre (½ pound of active ingredient)
Medium Soils	Loam, silt loam and silt 1½ pints per acre (¾ pound of active ingredient)
Fine Soils	Clay loam, silty clay and clay 2 pints per acre (1 pound of active ingredient)

For band applications, use the following formula to figure the proportionate amount:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \text{recommended broadcast rate} = \text{amount to apply per acre on band}$$

TREFLAN E.C. not recommended on muck soils.

## SURFACE APPLICATION AND WATER INCORPORATION DIRECTIONS FOR ORNAMENTALS, VEGETABLE GARDENS AND GROUNDCOVER PLANTINGS

Start with clean spray tank. Fill sprayer 1/2 full with clean water. Add 1 gallon per acre or 3 ounces per 1,000 square feet of TREFLAN E.C. and mix well. Finish filling sprayer with water and agitate or shake occasionally to keep solution mixed. Spray solution directly onto soil.

## APPROVED ORNAMENTAL SPECIES

### Woody Shrubs

Andromeda, Japanese	Forsythia
Arborvitae, American	Guava, pineapple
Azalea	Hawthorn, India
Barberry, Japanese	Holly
Barberry, mento	Honeysuckle
Boxwood, common	Juniper
Boxwood, Harlands	Laurel, mountain
Boxwood, littleleaf	Lilac, common
Camellia, Japanese	Mockorange
Camellia, sasanqu	Pittosporum, Japanese
Cherrylaurel, American	Privet
Cinquefoil	Redcedar, eastern
Cleyera, Japanese	Rhododendron
Cotoneaster, cranberry	Spiraea, vanhoutte
Cotoneaster, zabel	Viburnum
Deutzia	Weigela
Elaeagnus, silverberry	Willow
Euonymus, spreading	Yew, anglojap
Euonymus, winged	Yew, Japanese
Euonymus, wintercreeper	Yewpine
Firethorn	

### Trees

Almond	Maple, sugar
Apple, Crabapple	Oak, pin
Apricot	Oak, red
Ash, white	Oak Scarlet
Baldcypress	Peach
Birch, european white	Pine, Austrian
Blackgum	Pine, Eastern white
Cherry	Pine, Japanese black
Chestnut, Chinese	Pine, loblolly
Cottonwood	Pine, red
Dogwood, flowering	Pine, scotch
Dogwood, kousa	Planetree, London
Douglas fir	Plum
Fir, balsam	Redbud, eastern
Hemlock, Canada	Spruce, Colorado
Honey locust	Spruce, Norway
Larch, Japanese	Spruce, white
Locust, black	Sweetgum
Maple, Norway	Sycamore
Maple, red	Tuliptree
Maple, silver	Wainut, black

**Groundcover Plantings**

- Aaronsbeard
- Bellflower, Adriatic
- Bellflower, Poscharsky
- Ceanothus
- Coreopsis
- Cotoneaster
- Coyote brush
- Crown vetch
- Daisy, Trailing African
- Fern, asparagus
- Gazania
- Gemander
- Ice plant, largeleaf
- Ivy, Algerian
- Ivy, English
- Lily-of-the-Nile
- Lilyturf, bigblue
- Marigold
- Myoporum
- Plumbago, dwarf
- Rockrose
- Rosemay
- Rupturewort
- Snow-in-Summer
- Speedwell
- St. Johnswort
- Stoncrop (Sedum)
- Strawberry, beach
- Thrift
- Verbena
- Wirevine, creeping
- Yarrow, woolly
- Zoysiagrass

**Roses and Other Established Flowers**

- African daisy
- Aster (perennial)
- Balsam
- Blackeyed Susan
- Calendula
- Camation
- Centaurea, velvet
- Chrysanthemum
- Clematis
- Cornflower
- Cornwall
- Dahlia
- Dianthus
- Dusty Miller
- Floss flower
- Forget-me-not
- Four O'Clock
- Gallardia
- Gladiolus
- Golden glow
- Impatiens
- Ixora
- lobelia
- Lupine
- Marigold
- Marigold, cape
- Morningglory
- Nasturtium
- Nicotiana
- Petunia
- Phlox
- Pincushion flower
- Poppy, California
- Portulaca
- Rose
- Salvia
- Shasta daisy
- Snapdragon
- Snow-on-the-Mountain
- Stock
- Sunflower
- Sweet alyssum
- Sweet pea
- Sweet sultan
- Sweet William
- Vinca
- Yarrow
- Zinnia

**FIELD GROWN ROSES**

TREFLAN E.C. may be applied as an incorporated treatment at a rate of 2 quarts per acre to field grown roses to control annual weeds listed on this label. Apply to the soil surface in 5 to 40 gallons of finished spray and incorporate within 24 hours. Use a directed spray if application is made when roses are actively growing. Set incorporation equipment to avoid damage to root systems of established roses.

Do not apply more than 2 quarts (2 pounds a.i.) per acre per year.

**VEGETABLE GARDENS**

**SOIL PREPARATION**

**Crop Residues or Existing Weeds:** Crop residues or existing weeds can interfere with the mixing of TREFLAN E.C. into the soil. A manageable level of such residues would allow the TREFLAN E.C. to be uniformly mixed into the top 2 to 3 inches of soil. If the level of the crop residue is such that this cannot be done, you must till the soil prior to application.

**Soil Texture Guide:** The amount of TREFLAN E.C. you apply will vary with the soil texture to be treated. A fine textured soil will require more TREFLAN E.C. than a coarse soil. Choose the proper rate for each application based on the following soil texture group and specific crop recommendations. Do not exceed the recommended rates.

Soil Texture	Soil Classification
Coarse Soils (Light)	Sands, loamy sands, sandy loams
Medium Soils	Silt or loam
Fine Soils (Heavy)	Clay loams, silty clay loams, clays, silty clays

**MIXING DIRECTIONS**

Start with a clean spray tank. Fill sprayer 1/2 full with clean water. Add correct quantity of TREFLAN E.C. Close the sprayer and shake well to mix TREFLAN E.C. Finish filling sprayer and shake occasionally to keep TREFLAN E.C. mixed in the tank.

**GROUND APPLICATION**

Apply TREFLAN E.C. in 1 to 5 gallons of water per 1,000 square feet on a broadcast basis. Spray uniformly over the top of the soil surface to assure satisfactory weed control.

**INCORPORATION DIRECTIONS**

Mix TREFLAN E.C. thoroughly into the soil with a tool or implement that breaks up large clods and distributes the chemical within the soil. The more thoroughly the TREFLAN E.C. is mixed within the soil, the more consistent the weed control.

Thoroughly mix TREFLAN E.C. in the top 2 to 3 inches of the final seedbed (when the garden is ready for planting) or erratic weed control and/or crop injury may result. Equipment such as a rototiller or rake should be used to mix TREFLAN E.C. to the desired 2 to 3 inch depth.

**Incorporation Before Planting:** TREFLAN E.C. must be mixed into the soil within 24 hours after application. You should mix the TREFLAN E.C. uniformly into the top 2 to 3 inches of the final seedbed.

**Incorporation After Planting:** Check specific crop incorporation directions after planting.

**Cultivation After Planting:** Soil treated with TREFLAN E.C. may be shallow cultivated without reducing the weed control activity of TREFLAN E.C. Do not cultivate deeper than the treated soil since this may bring untreated soil to the surface, and poor weed control may result.

**CROP RECOMMENDATIONS**

These recommendations are given as broadcast rates of TREFLAN E.C. per 1,000 square feet. Apply any time after January 1 when the soil can be worked and is suitable for good incorporation. Do not use TREFLAN E.C. on soils containing more than 10% organic matter. TREFLAN E.C. should not be used in areas to be planted with sweet corn or direct seed cucurbits.

For the Crops Listed Below, Use the Following Broadcast Rates per 1,000 Square Feet.

Soil Texture	TREFLAN E.C.	
	Teaspoons	
Coarse	2-1/4	
Medium	3-1/3	
Fine	4-1/2	

CROPS	DIRECTIONS
Asparagus — Established	Follow recommended soil preparation, application and incorporation procedures for TREFLAN E.C. TREFLAN E.C. can be applied to established asparagus as a single application. Apply TREFLAN E.C. to asparagus after ferns are removed but before spear emergence.
Carrot	Apply and incorporate TREFLAN E.C. before planting, at planting or immediately after planting unless otherwise indicated.
Celery — Direct seeded and transplant	Apply and incorporate TREFLAN E.C. before planting, at planting or immediately after planting unless otherwise indicated.
Cole Crops — Transplant (Broccoli, Brussels Sprout, Cabbage and Cauliflower)	Apply and incorporate prior to transplanting only. See next section for direct seeded.
Cucurbits — Postplant Emerged (Cantaloupe, Cucumber and Watermelon)	Apply TREFLAN E.C. as a direct spray to the soil between the rows and beneath the plants which are in the 3 to 4 true leaf stage.  After applying TREFLAN E.C. to the soil, incorporation is necessary to mix the chemical to the 2-3 inch desired depth. Optimum weed control will be achieved by moving a portion of the treated soil around the base of the established plants.
Okra	Apply and incorporate TREFLAN E.C. before planting, at planting or immediately after planting unless otherwise indicated.

CROPS	DIRECTIONS
Pepper — Transplant	Apply and incorporate prior to transplanting only.
Potatoes — (All states except Maine)	Apply and incorporate TREFLAN E.C. after planting, before emergence, or immediately following dragoff or after the potato plants have fully emerged.  Mix TREFLAN E.C. into the soil so a uniform layer of treated soil covers the bed. Concentrated areas of chemical in the bed may retard potato emergence and cause stem brittleness. If potato plants are already emerged when cultivating, do not totally cover foliage with treated soil. Do not damage potato seed pieces or elongating sprouts with incorporation equipment.
Southern Pea	Apply and incorporate TREFLAN E.C. before planting only.
Tomato — Transplant	Apply and incorporate prior to transplanting only.

For the Crops Listed Below, Use the Following Broadcast Rates per 1,000 Square Feet

Soil Texture	TREFLAN E.C.	
	Teaspoons	
Coarse	2-1/4	
Medium	2-1/4	
Fine	3-1/3	

CROPS	DIRECTIONS
Beans (Lima Bean and Snap Bean)	Apply and incorporate TREFLAN E.C. before planting.
Cole Crops — Direct Seeded (Broccoli, Brussels Sprout, Cabbage and Cauliflower)	Apply and incorporate TREFLAN E.C. prior to planting. See above section for transplant directions.
Greens (Turnip Greens, Collard, Kale Mustard)	Apply and incorporate before planting.
Pea	Apply and incorporate before planting.

### UNDER PAVED SURFACES

#### Directions for Use and Site Preparation

TREFLAN E.C. should be used only where the area to be treated has been prepared according to good construction practices. If rhizomes, stolons, tubers or other vegetative plant parts are present in the site, they should be removed by scalping with a grader blade to a depth sufficient to insure their complete removal.

Applications should be made only when the final grade is established or after additions of base rock. Do not move soils following TREFLAN E.C. application and do not apply TREFLAN E.C. to areas where asphalt is to be installed directly on top of soil.

Paving should follow TREFLAN E.C. applications as soon as possible.

#### Application Directions

**Large Areas:** Apply TREFLAN E.C. in sufficient water to insure thorough wetting of the soil surface or penetration of the spray solution through the base rock layer. A minimum of 150 gallons per acre is recommended. Apply with any sprayer that will apply the spray uniformly. Add the recommended amount of TREFLAN E.C. to clean water in the spray tank during the filling operation. Agitate before spraying.

**Small Areas:** For treating small areas, a tank type hand sprayer or sprinkling can may be used. Before application determine the amount of water and TREFLAN E.C. necessary to uniformly cover the area to be treated. Shake or stir the spray solution prior to application.

### The Proper Amount of TREFLAN E.C. to Apply

Small Areas	9 to 12 ounces/1,000 square feet
Large Areas	3 to 4 gallons/acre

### TREFLAN E.C. RATE CONVERSION CHART

Rate Per 1,000 Square Feet to Rate Per Acre	
Rate Per 1,000 Square Feet (Teaspoons)	Rate Per Acre (Pints)
2-1/4	1
3-1/3	1-1/2
4-1/2	2

### SMALL SPRAYER CALIBRATION TECHNIQUE

Small sprayer calibration can be achieved by following these five simple steps:

1. Fill the sprayer full of clean water.
2. Spray as you would normally apply chemicals through the sprayer over the area to be treated.
3. When the sprayer is empty, measure the area treated to determine the number of square feet per sprayer load.
4. After you have calculated the number of square feet per sprayer load, calculate the amount of TREFLAN E.C. needed to treat that size area.
5. Refer to the mixing directions on the TREFLAN E.C. product label.

### STORAGE AND DISPOSAL

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

**Storage:** Store in original container only. Avoid freezing. Store above 40°F. If frozen, poor weed control may result. Do not store near heat or open flame. In case of leak or spill, use absorbent materials to contain liquids and dispose as waste.

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

**Plastic Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### CONDITIONS OF SALE AND WARRANTY

Monterey Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. Monterey Chemical Company neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, presence of other materials, or other influencing factors, all of which are beyond the control of Monterey Chemical Company and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.