

62719-98

11-2-2000

1/20

(Base Label):

(logo) Dow AgroSciences

Treflan* 5G

A selective preemergence herbicide for control of certain annual grasses and broadleaf weeds in:

- Container Grown Ornamentals
- Landscape Ornamentals
- Nursery Stock
- Ground Covers
- Established Flowers
- Ornamental Bulbs
- Non-bearing Fruit and Nut Trees and Non-bearing Vineyards
- Christmas Tree Plantations
- Non-cropland
- Under Paved Surfaces

Active Ingredient:

trifluralin: α,α,α -trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine.....	5.0%
Inert Ingredients.....	95.0%
Total.....	100.0%

Contains 2 pounds active ingredient per 40 pound bag.

CAUTION PRECAUCION

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.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Keep Out of Reach of Children

Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

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

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.

2/20

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with 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.

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.

First Aid

~~If in eyes: Flush eyes with plenty of water. Call a physician.~~

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.

~~If swallowed: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.~~

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

~~If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.~~

If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

~~If inhaled: Remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide cardiopulmonary resuscitation (mouth-to-mouth) and get medical attention immediately.~~

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Environmental Hazards

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwaters.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to label booklet under "Agricultural s Requirements" in the Directions for Use section for information about this standard.

Refer to label booklet for additional precautionary information including Personal Protective Equipment (PPE), and Directions for Use including Agricultural Use Requirements and Storage and Disposal.

[EDITOR'S NOTE: Insert here a fat, squat arrow pointing down]

3/20

Directions Enclosed [EDITOR NOTE: Turned at a 20° angle inside a box which has the top, right and bottom sides as bold dotted lines and the left side as a solid line]

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" inside label booklet.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

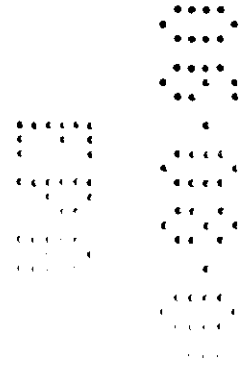
EPA Reg. No. 62719-98

MO AHC AGF MM
EPA Est. 2393-IL-3; 5905-IA-01; 32761-MO-3; 464-MI-1
Superscripts correspond to first letters of lot number.

*Trademark of Dow AgroSciences LLC
Dow AgroSciences LLC • Indianapolis, IN 46268, U.S.A.

Specialty Herbicide

Net Weight: __ lb



4/20

(Booklet cover):

(logo) Dow AgroSciences

Treflan* 5G

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- Container Grown Ornamentals
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Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" inside label booklet.

In case of an emergency endangering health or the environment involving this product, call collect 517-636-4400.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-98

MO AHC AGF MM
 EPA Est. 2393-IL-3; 5905-IA-01; 32761-MO-3; 464-MI-1
 Superscripts correspond to first letters of lot number.

*Trademark of Dow AgroSciences LLC
 Dow AgroSciences LLC Indianapolis, IN 46206, U.S.A.

Specialty Herbicide

ACCEPTED

NOV 12 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 62719-98

Net Weight __ lb

(Page 1 through end):

Precautionary Statements**Hazards to Humans and Domestic Animals****Keep Out of Reach of Children****CAUTION****Causes Moderate Eye Irritation**

Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE)**Applicators and other handlers must wear:**

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

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

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with 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.

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.
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6/20

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Environmental Hazards

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. 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. 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.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker 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 (REI) of 12 hours.

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
- Shoes plus socks

Non-Agricultural Use Requirements

The requirements of 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, forests, nurseries, or greenhouses.

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

Storage and Disposal

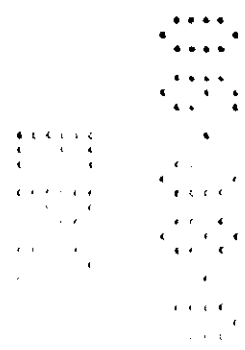
Do not contaminate water, food, or feed by storage and disposal.

Storage: Store in original container only. In case of leak or spill, contain material and dispose as waste.

7/20

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 into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



8/20

General Information

Treflan* 5G herbicide is a preemergence herbicide for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards, Christmas tree plantations, noncropland, and under paved surfaces. Apply Treflan 5G before or after planting but prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with weed population, potting media or soil conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional applications may be needed. Repeat applications should not be made sooner than 60 days after a previous application of Treflan 5G. Do not apply over 240 pounds per acre total of Treflan 5G within a 12-month period.

General Use Precautions

Treflan 5G does not control established weeds. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation, is required to activate Treflan 5G. Optimum weed control is obtained when Treflan 5G is activated within 3 days of application. If rainfall or irrigation has not occurred within 3 days of application and tillage is possible, Treflan 5G may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate Treflan 5G within 3 days of application may result in erratic weed control. Do not apply when wind conditions favor drift of Treflan 5G granules from the target area.

Optimum weed control will be obtained when followed by overhead irrigation or rainfall within a few hours after surface application.

Do not aerially apply this product.

**Weeds controlled by Treflan 5G when applied at 80 lb/acre
(1.8 lb/1000 sq ft)**

Annual Grasses

Common Name	Scientific Name	
barley, hare	<i>Hordeum leporinum</i>	
barnyardgrass (watergrass)	<i>Echinochloa crus-galli</i>	
bluegrass, annual	<i>Poa annua</i>	
brome	<i>Bromus</i> spp.	•••••
cheat	<i>Bromus secalinus</i>	•••••
crabgrass	<i>Digitaria</i> spp.	•••••
cupgrass, southwestern	<i>Eriochloa gracilis</i>	•••••
fescue, rattail	<i>Vulpia myuros</i>	•••••
foxtail	<i>Setaria</i> spp.	•••••
goosegrass	<i>Eleusine indica</i>	•••••
junglerice	<i>Echinochloa colonum</i>	•••••
lovegrass	<i>Eragrostis</i> spp.	•••••
oat, wild	<i>Avena fatua</i>	•••••
panicum, fall	<i>Panicum dichotomiflorum</i>	•••••
sandbur, field	<i>Cenchrus incertus</i>	•••••
signalgrass	<i>Brachiaria</i> spp.	•••••

9/20

sprangletop, Mexican	<i>Leptochloa univervia</i>
stinkgrass	<i>Eragrostis cilianensis</i>
witchgrass	<i>Panicum capillare</i>

Annual Broadleaf Weeds

Common Name	Scientific Name
chickweed, common	<i>Stellaria media</i>
goosefoot, nettleleaf	<i>Chenopodium murale</i>
knotweed, prostrate	<i>Polygonum aviculare</i>
kochia	<i>Kochia scoparia</i>
lambsquarters, common	<i>Chenopodium album</i>
nettle, stinging	<i>Urtica dioica</i>
pigweed	<i>Amaranthus spp.</i>
purslane, common	<i>Portulaca oleracea</i>
thistle, Russian	<i>Salsola iberica</i>

In addition to the weeds controlled, the following weeds will be partially controlled or suppressed at 80 lb/acre (1.8 lb/1000 sq ft).

Common Name	Scientific Name
carpetweed	<i>Mollugo verticillata</i>
johnsongrass (from seed)	<i>Sorghum halepense</i>
panicum, Texas	<i>Panicum texanum</i>
pusley, Florida	<i>Richardia scabra</i>
shattercane	<i>Sorghum bicolor</i>

Application Directions

Apply Treflan 5G using a drop or rotary-type spreader designed to apply granular herbicides or insecticides. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or plant injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

Application Techniques for Applying Treflan 5G

When using a drop-type spreader, a splash board mounted under the hopper will provide more even granule distribution.

A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.

For treating smaller areas or rows of nursery stock or ornamental beds, a hand held or push-type rotary applicator such as whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.

A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, hard to treat areas. Carefully measure the amount of product needed to avoid over-application.

Approved Uses

Container Grown Ornamentals, Landscape Ornamentals, Nursery Stock, Ground Covers, Established Flowers, Ornamental Bulbs, Non-bearing Fruit and Nut Trees and Non-bearing Vineyards and Christmas Tree Plantations

Treflan 5G is recommended as a preemergence treatment for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards and Christmas tree plantations. Apply Treflan 5G before or after planting but prior to germination of target weeds, or immediately after cultivation.

Refer to the "General Information" section of this label for general use precautions and information on application, application rates and weeds controlled.

Special Use Precautions

To avoid possible injury, do not apply Treflan 5G to:

- nursery forest or Christmas tree seedling beds, cutting beds, or transplant beds
- unrooted liners or cuttings that have been planted in pots for the first time
- pots less than four inches wide
- ground covers until they are established and well rooted

Do not apply Treflan 5G to newly transplanted ornamentals, nursery stock, ground covers, flowers and non-bearing fruit and nut crops and non-bearing vineyards until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Do not make preplant applications of Treflan 5G to areas where gladioli corms less than one inch in diameter will be planted or injury may occur.

Do not apply Treflan 5G in greenhouse or other enclosed structures.

Repeat applications should not be made sooner than 60 days after a previous application of Treflan 5G. Do not apply over 240 pounds per acre total of Treflan 5G within a 12-month period.

Users who wish to use Treflan 5G on plant species not recommended on this label may determine suitability for such uses by making trial application of Treflan 5G at a recommended rate to small number of plants. Prior to using Treflan 5G on a larger number of plants, the treated plants should be observed for signs of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious to the target plant species. **The user assumes responsibility for any plant damage or other liability resulting from the use of Treflan 5G on plant species not recommended on this label.**

Treflan 5G May Be Used On The Following Established Plant Species When Container Grown or Field Grown:

Trees

Scientific Name	Common Name
<i>Abies balsamea</i>	Balsam fir
<i>Abies concolor</i>	White fir
<i>Abutilon hybridum</i>	Albus-flowering maple
	Luteus-flowering maple
	Roseus-flowering maple

11/20

	Tangerine-flowering maple
	Vesuvius red-flowering maple
<i>Acer ginnala</i>	flame maple
<i>Acer platanoides</i>	Norway maple
<i>Acer rubrum</i>	Red maple
	Red sunset maple
<i>Acer saccharinum</i>	Silver maple
<i>Acer saccharum</i>	Sugar maple
<i>Areacastrum romanzoffianum</i>	Queen palm
<i>Betula nigra</i>	River birch
<i>Betula papyrifera</i>	Paper birch
<i>Betula pendula</i>	European white birch
<i>Brachychiton populneus</i>	Bottle tree
<i>Bucida buceras</i>	Black olive
<i>Castanea mollissima</i>	Chinese chestnut
<i>Ceratonia siliqua</i>	Carob
<i>Cercis canadensis</i>	Redbud
<i>Chamaecyparis obtusa</i>	Filicoides-fernspray cypress
	Gracilis-slender Hinoki cypress
<i>Chamaecyparis pisifera</i>	Swara false cypress
	Squarrosa-moss cypress
<i>Chamaedorea cataractarum</i>	Palm
<i>Chamaedorea costaricana</i>	Palm
<i>Chamaedorea elegans</i>	Parlor palm
<i>Cornus florida</i>	Cloud nine dogwood
	Flowering dogwood
<i>Cornus kousa</i>	Dogwood, kousa
<i>Crataegus viridis</i>	Green hawthorn
<i>Cupaniopsis anacardioides</i>	Carrot wood
<i>Cupressus glabra</i>	Arizona cypress
<i>Elaeagnus angustifolia</i>	Russian olive
<i>Eucalyptus camaldulensis</i>	Redgum eucalyptus
<i>Eucalyptus cinerea</i>	Mealy eucalyptus
	Silver dollar eucalyptus
<i>Eucalyptus microtheca</i>	Coolibah tree
<i>Eucalyptus sideroxylon</i>	Red ironbark eucalyptus
<i>Ficus benjamina</i>	Ficus
	Mini ficus
<i>Fraxinus americana</i>	White ash
<i>Fraxinus udhei</i>	Shamel ash
<i>Ginkgo biloba</i>	Ginkgo-maidenhair tree
<i>Gleditsia triacanthos</i>	Honey locust
	Shademaster honey locust
<i>Heteromeles arbutiflora</i>	Toyon
<i>Illicium floridanum</i>	Florida anise-tree
<i>Juniperus virginiana</i>	Eastern red cedar
<i>Larix kaempferi</i>	Japanese larch
<i>Liquidambar styraciflua</i>	American sweet gum
<i>Liriodendron tulipifera</i>	Tuliptree
<i>Magnolia grandiflora</i> spp.	Southern magnolia <u>Magnolia</u>
<i>Malus</i> spp.	Crabapple
<i>Morus alba</i>	White mulberry
<i>Musa aluminata</i>	Banana
<i>Nyssa sylvatica</i>	Blackgum

12/20

<i>Oxydendrum arboreum</i>	Sourwood
<i>Picea abies</i>	Norway spruce
	Pendula-weeping Norway spruce
	Repens-spreading Norway spruce
<i>Picea glauca conica</i>	Dwarf Alberta spruce
<i>Picea glauca</i>	White spruce
<i>Picea pungens</i>	Dwarf globe blue spruce
	Glauca-Colorado blue spruce
	Hoopsii-Hoop's blue spruce
	Koster-Koster blue spruce
<i>Pinus aristata</i>	Bristlecone pine
<i>Pinus canariensis</i>	Canary Island pine
<i>Pinus contorta</i>	Shore pine, beach pine
<i>Pinus eldarica</i>	Eldarica pine
<i>Pinus leucodermis</i>	Bosnian pine
<i>Pinus mugo</i>	Pumilio-shrubby swiss mountain pine
<i>Pinus nigra</i>	Austrian black pine
<i>Pinus radiata</i>	Monterey pine
<i>Pinus resinosa</i>	Red pine
<i>Pinus taeda</i>	Loblolly pine
<i>Pinus strobus</i>	White pine
<i>Pinus sylvestris</i>	Columnar Scotch pine
	Scotch pine
<i>Pinus thunbergiana</i>	Japanese black pine
<i>Platanus acerifolia</i>	London planetree
<i>Platanus occidentalis</i>	American sycamore
<i>Platanus racemosa</i>	Califorina sycamore
<i>Podocarpus spp.</i>	Podocarpus
<i>Populus deltoides</i>	Cottonwood
<i>Prosopis chilensis</i>	Chilean mesquite
<i>Prunus yedoensis</i>	Yoshino flowering cherry
<i>Pseudotsuga menziesii</i>	Douglasfir
<i>Quercus coccinea</i>	Scarlet oak
<i>Quercus ilicifolia</i>	Bear oak
<i>Quercus palustris</i>	Pin oak
<i>Quercus phellos</i>	Willow oak
<i>Quercus rubra</i>	Red oak
<i>Quercus virginiana</i>	Live oak
<i>Robinia pseudoacacia</i>	Black locust
<i>Salix spp.</i>	Willow
<i>Sequoiadendron giganteum</i>	Giant sequoia
<i>Swietenia mahogani</i>	Mahogany
<i>Tabebuia caraiba</i>	Yellow tab
<i>Taxodium distichum</i>	Baldcypress
<i>Tilia spp.</i>	Linden
<i>Tsuga canadensis</i>	Eastern hemlock
<i>Ulmus parvifolia</i>	Chinese elm
<i>Washingtonia robusta</i>	Mexican fan palm

Ornamental Shrubs

Common Name	Scientific Name
<i>Abelia grandiflora</i>	Edward Goucher abelia

13/20

<i>Acacia abyssinica</i>	Glossy abelia
<i>Acacia redolens</i>	Abyssinica acacia
<i>Acacia stenophylla</i>	Prostrate acacia
<i>Acalypha wilkesiana</i>	Shoestring acacia
<i>Acer ginnala</i>	Copper leaf
<i>Acer palmatum</i>	Amur maple
	Coral bark Japanese maple
	Dwarf Japanese maple
<i>Agave americana</i>	Century plant
<i>Astilbe chinensis</i>	False spiraea
<i>Athyrium nipponimcum</i>	Japanese painted fem
<i>Baccharis pilularis</i>	Coyotebush
<i>Berberis gladwynensis</i>	William Penn barberry
<i>Berberis mentorensis</i>	Mentor barberry
<i>Berberis thunbergii</i>	Atropurea-redleaf Japanese barberry
	Aurea-golden Japanese barberry
	Crimson pygmy barberry
	Rose glow barberry
<i>Bougainvillea</i> spp.	Barbara Karst
	California gold
	Pink pixie
	Scarlet O'Hara
	Temple fire
	Texas dawn
<i>Buxus microphylla japonica</i>	Japanese boxwood
<i>Buxus microphylla Koreana</i>	Korean boxwood
<i>Buxus sempervirens</i>	Common boxwood
<i>Callistemon citrinus</i>	Lemon bottlebrush
<i>Callistemon viminalis</i>	Weeping bottlebrush
<i>Calluna vulgaris</i>	Spring torch scotch heather
<i>Camellia sasanqua</i>	Sasanqua camellia
<i>Camellia japonica</i>	Japanese camellia
<i>Cassia artemisioides</i>	Feathery cassia
<i>Ceanothus</i> spp.	Wild lilac
<i>Cephalotaxus drupacae</i>	Plum yew
<i>Cerastium tomentosum</i>	Snow-in-summer
<i>Chamaecyparis obtusa</i> spp.	Kosteri cypress
	Nana-dwarf Hinoki cypress
	Torulosa cypress
<i>Chamaecyparis pisifera</i>	Filifera-thread cypress
<i>Chrysalidocarpus lutescens</i>	Areca palm
<i>Clethra alnifolia</i>	Summersweet
<i>Cleyera japonica</i>	Japanese cleyera
<i>Cornus alba</i>	Sibirica-Siberian dogwood
<i>Cornus stolonifera</i>	Baileyi red osier dogwood
	Flaviramea-yellowtwig dogwood
<i>Cotinus coggygria</i>	Royal purple smoke tree
<i>Cotinus dammeri</i>	Coral beauty smoke tree
	Eichholz smoke tree
<i>Cotoneaster adpressus</i>	Praecox-early cotoneaster
<i>Cotoneaster apiculatus</i>	Cranberry cotoneaster
<i>Cotoneaster congestus</i>	Pyrenees cotoneaster
<i>Cotoneaster dammeri</i>	Bearberry cotoneaster
<i>Cotoneaster himalayan</i>	Himalayan cotoneaster

14/20

<i>Cotoneaster horizontalis</i>	Rock cotoneaster
<i>Cotoneaster zabelii</i>	Zabel cotoneaster
<i>Cycas revoluta</i>	Sago palm
<i>Cytisus praecox</i>	Hollandia-warminster broom
<i>Cytisus scoparius</i>	Lena-Scotch broom
<i>Daphne odora</i>	Fragrant daphne
<i>Deutzia</i> spp.	Deutzia
<i>Dodonea viscosa</i>	Hopseed bush
<i>Elaeagnus pungens</i>	Fruitland silver berry
<i>Erica cinerea</i>	Purple bell heather
<i>Erica x darleyensa</i>	Mediterranean pink heather
<i>Erica vagans</i>	Cornish heather
<i>Euonymus alatus</i>	Winged euonymus
<i>Euonymus fortunei</i>	Canadale gold euonymus
	Emerald'n gold euonymus
	Sunspot euonymus
	Wintercreeper euonymus
<i>Euonymus japonica</i>	Silver king-euonymus
	Variigated evergreen euonymus
<i>Euonymous kiautschovica</i>	Spreading euonymus
<i>Feijoa sellowiana</i>	Pineapple guava
<i>Forsythia</i> spp.	Forsythia
<i>Gardenia jasminoides</i>	August beauty gardenia
	Gardenia
	Radican gardenia
<i>Gaultheria shallon</i>	Salal/lemon leaf
<i>Gelsemium sempervirens</i>	Carolina jessamine
<i>Genista pilosa</i>	Woadwaxen
<i>Hibiscus rosa-sinensis</i>	Ross Estey-hibiscus
<i>Hibiscus syriacus</i>	Rose of Sharon-heart
	Rose of Sharon-red bird
	Rose of Sharon-woodbridge
<i>Ilex</i> spp.	Holly
<i>Illicium annisatum</i>	Mystery gardenia
<i>Itea ilicifolia</i>	Henry Garnet holly leaf sweetspire
<i>Ixora collinea</i>	Ixora
<i>Juniperus</i> spp.	Juniper
<i>Kalmia latifolia</i>	Mountain laurel
<i>Lagerstroemia indica</i>	Crape myrtle
<i>Lantana</i> spp.	Lantana
<i>Leucothoe axillaris</i>	Coast leucothoe
<i>Leucothoe fontainesiana</i>	Drooping leucothoe
<i>Ligustrum</i> spp.	Privet
<i>Livistona chinensis</i>	Chinese fountain palm
<i>Lonicera periclymenum</i>	Flowering woodbine
	Serotina woodbine
<i>Lonicera sempervirens</i>	Trumpet honeysuckle
<i>Mahonia bealei</i>	Leather leaf mahonia
<i>Mahonia repens</i>	Creeping mahonia
<i>Myrica cerifera</i>	Wax myrtle
<i>Nandina domestica</i>	Compacta-dwarf heavenly bamboo
	Harbour dwarf-heavenly bamboo
	Heavenly bamboo
	Nana compacta-heavenly bamboo

15/20

	Nana purpurea-heavenly bamboo
	Woods dwarf heavenly bamboo
<i>Nerium oleander</i>	Hardy red oleander
	Oleander
	Ruby lace oleander
<i>Osmanthus fortunei</i>	Fortunes osmanthus
<i>Philadelphus</i> spp.	Mockorange
<i>Phoenix roelofenii</i>	Pigmy date palm
<i>Photinia fraseri</i>	Fraser's photinia
<i>Pieris japonica</i>	Japanese andromeda
	Mountain fire lily-of-the-valley
	Snowdrift lily-of-the-valley
	Templebells lily-of-the-valley
	Valley rose lily-of-the-valley
	Valley valentine lily-of-the-valley
<i>Pieris japonica x forestii</i>	Forest flame lily-of-the-valley
<i>Pinus mugo</i>	Mugo-mugho pine
<i>Pittosporum tobira</i>	Green pittosporum
	Japanese pittosporum
	Wheeler's dwarf pittosporum
<i>Plumbago ariculata</i>	Blue cape plumbago
<i>Plumbago capensis</i>	Plumbago
<i>Podocarpus macrophyllus</i>	Yewpine
<i>Polystichum polyblepharum</i>	Tassel fern
<i>Potentilla</i> spp.	Cinquefoil
<i>Prunus caroliniana</i>	Carolina laurel cherry
<i>Prunus glandulosa</i>	Dwarf pink flowering almond
<i>Pyracantha</i> spp.	Pyracantha
<i>Raphiolepis indica</i>	Charisma-Monruce raphiolepis
	Enchantress-Moness raphiolepis
	India hawthorn
	Springtime-Monme raphiolepis
<i>Raphiolepis ovata</i>	Roundleaf raphiolepis
<i>Rhododendron</i> spp.	Azalea/rhododendron
<i>Rhus lancea</i>	Africa sumac
<i>Rosa rugosa</i>	Ramanas rose
<i>Rosmarinus officinalis</i>	Rosemary
<i>Skimmia japonica</i>	Japanese skimmia
<i>Skimmia revesiana</i>	Reeve's skimmia
<i>Spiraea bumalda</i>	Anthony Waterer spiraea
<i>Spiraea japonica</i>	Dolchia spiraea
	Japanese alpine spiraea
	Shirobana spiraea
<i>Spiraea vanhouttii</i>	Bridal wreath
<i>Syringa rothomagensis</i>	Chinese lilac
<i>Syringa vulgaris</i>	Common lilac
<i>Taxus cuspidata</i>	Upright Japanese yew
<i>Taxus media</i>	Anglojap yew
<i>Tecomaria capensis</i>	Cape honeysuckle
<i>Temstroemia gymnanthera</i>	
<i>Thuja occidentalis</i>	American arborvitae
	Emerald arborvitae
	Globosa-globe arborvitae
	Little giant-dwart arborvitae

16/20

	Nigra-dark American arborvitae
	Pyramidalis-pyramid arborvitae
	Rheingold arborvitae
	Techny arborvitae
<i>Thuja orientalis</i>	Aureus nana-dwarf golden arborvitae
	Minima glauca-dwarf arborvitae
<i>Veitchia merrilli</i>	Christmas palm
<i>Viburnum</i> spp.	Viburnum
<i>Weigela</i> spp.	Weigela
<i>Xylosma congestum</i>	Xylosma
<i>Yucca filamentosa</i>	Yucca

Ground Covers

Scientific Name	Common Name
<i>Achillea tomentosa</i>	Wooly yarrow
<i>Agapanthus</i> spp.	Lily-of-the-nile
<i>Ajuga</i> spp.	Carpet bugle
<i>Ammophila breviligulata</i>	Beechgrass
<i>Arctotheca calendula</i>	Cape weed
<i>Armeria maritima</i>	Thrift
<i>Asparagus densiflorus</i>	Asparagus fern
<i>Campanula</i> spp.	Bellflower
<i>Carex</i> spp.	Variegated carex
<i>Carpobrotus edulis</i>	Largeleaf iceplant
<i>Ceratostigma plumbaginoides</i>	Dwarf plumbago
<i>Cistus</i> spp.	Rockrose
<i>Coreopsis</i> spp.	Coreopsis
<i>Coronilla vana</i>	Crown vetch
<i>Cortaderia selloana</i>	Pampas grass
<i>Cotoneaster</i> spp.	Cotoneaster
<i>Delosperma alba</i>	White iceplant
<i>Descampsia caespitosa</i>	Descampsia
<i>Drosanthemum floribundum</i>	Trailing rosea iceplant
<i>Drosantheumum hispidum</i>	Iceplant
<i>Festuca ovina glauca</i>	Blue fescue
<i>Fragaria chiloensis</i>	Strawberry, beach
<i>Gazania</i> spp.	Gazania
<i>Hakonechloa macroaureola</i>	Golden hakonechloa
<i>Hedera canariensis</i>	Algerian ivy
<i>Hedera helix</i>	English ivy
<i>Hemerocallis</i> spp.	Daylilly
<i>Herniaria glabra</i>	Rupturewort
<i>Hosta lancifoila</i>	Albo-marginata hosta
<i>Hypericum</i> spp.	Aaronsbeard
	St. Johnswort
<i>Jasminum nitidum</i>	Angelwing jasmine
<i>Lampranthus spectabilis</i>	Trailing iceplant
<i>Liriope gigantea</i>	White lily turf
<i>Liriope muscari</i>	Big blue lily turf
	Lilac beauty lily turf
	Magestic lily turf
	Silvery sunproof lily turf

17/20

<i>Liriope spicata</i>	Variegated liriopelily turf
<i>Miscanthus sinensis</i>	Green/creeping lily turf
<i>Muehlenbeckia axillaris</i>	Eulalia grass
<i>Myoporum laetum</i>	Creeping wirevine
<i>Ophiopogon japonicus</i>	Myoporum
	Dwarf Mondo grass
	Mondo grass
<i>Osteospermum fruticosum</i>	Trailing African daisy
<i>Pachysandra terminalis</i>	Japanese spurge
<i>Pennisetum alopecuroides</i>	Fountain grass
<i>Phalaris arundinacea picta</i>	Ribbon grass
<i>Sedum</i> spp.	Stonecrop (sedum)
<i>Teucrium chamaedrys</i>	Germander
<i>Trachelospermum asiaticum</i>	Asaian jasmine
<i>Verbena</i> spp.	Verbena
<i>Veronica</i> spp.	Speedwell
<i>Vinca</i> spp.	Periwinkle

Established Flowers

Scientific Name	Common Name
<i>Achillea</i> spp.	Yarrow
<i>Ageratum houstonianum</i>	Floss flower
<i>Alyssum</i> spp.	Alyssum
<i>Antirrhinum majus</i>	Snapdragon
<i>Arctotis</i> spp.	African daisy
<i>Artemisia schmidtiana</i>	Silver mound
<i>Artemisia stellerana</i>	Dusty miller
<i>Aster</i> spp.	Aster (perennial)
<i>Begonia</i> spp.	Begonia
<i>Calendula officianalis</i>	Calendula
<i>Centaurea cyanus</i>	Cornflower
<i>Centaurea gymnocarpa</i>	Velvet centaurea
<i>Centaurea moschata</i>	Sweet sultan
<i>Chrysanthemum</i> spp.	Chrysanthemum
<i>Convolvulus</i> spp.	Momingglory
<i>Coreopsis</i> spp.	Coreopsis
<i>Cosmos</i> spp.	Cosmos
<i>Dahlia</i> spp.	Dahlia
<i>Dianthus</i> spp.	Dianthus
<i>Dicentra eximia</i>	Bleeding heart
<i>Digitalis mertonensis</i>	Foxglove
<i>Digitalis purpurea</i>	Common foxglove
<i>Dimorphotheca</i> spp.	Marigold, cape
<i>Echinacea purpurea</i>	Purple coneflower
<i>Eschscholzia californica</i>	California poppy
<i>Euphorbia marginata</i>	Snow-on-the-mountain
<i>Geranium</i> spp.	Geranium
<i>Geum</i> spp.	Geum
<i>Gaillardia</i> spp.	Gaillardia
<i>Gladiolus</i> spp.	Gladiolus
<i>Guara lindheimeri</i>	Guara
<i>Gypsophila paniculata</i>	Baby's breath

18/20

<i>Helianthus</i> spp.	Sunflower
<i>Heuchera</i> spp.	Coral bells
<i>Hypericum calycinum</i>	Aaron's beard
<i>Impatiens balsamina</i>	Balsam
<i>Impatiens</i> spp.	Impatiens
<i>Iris</i> spp.	Iris
<i>Ixora</i> spp.	Ixora
<i>Lathyrus odoratus</i>	Sweet pea
<i>Lavandula angustifolia</i>	English lavender
<i>Leucanthemum superbum</i>	Shasta daisy
<i>Liatris spicata</i>	Gayfeather
<i>Limonium</i> spp.	Statice
<i>Lobelia</i> spp.	Lobelia
<i>Lobularia maritima</i>	Sweet alyssum
<i>Lupinus</i> spp.	Lupine
<i>Matthiola</i> spp.	Stock
<i>Mirabilis jalapa</i>	Four o'clock
<i>Monarda didyma</i>	Bee balm
<i>Myosotis</i> spp.	Forget-me-not
<i>Nicotiana</i> spp.	Nicotiana
<i>Oenothera missouriensis</i>	Ozark sundrop
<i>Papaver</i> spp.	Poppy, California
<i>Petunia hybrida</i>	Petunia
<i>Penstemon barbatus</i>	Beard tongue
<i>Perovskia atriplicifolia</i>	Russian sage
<i>Phlox</i> spp.	Phlox
<i>Portulaca grandiflora</i>	Portulaca
<i>Rosa</i> spp.	Rose
<i>Rudbeckia hirta</i>	Blackeyed susan
<i>Rudbeckia laciniata</i>	Golden glow
<i>Salvia</i> spp.	Salvia
<i>Scabiosa</i> spp.	Pincushion flower
<i>Sedum spectabile</i>	Stonecrop
<i>Stachys</i> spp.	Lamb's ears
<i>Stokesia laevis</i>	Stoke's aster
<i>Tagetes</i> spp.	Marigold
<i>Tanacetum coccineum</i>	Painted daisy
<i>Tropaeolum</i> spp.	Nasturtium
<i>Veronica spicata</i>	Speedwell
<i>Vinca</i> spp.	Vinca
<i>Zinnia</i> spp.	Zinnia

Ornamental Bulbs

Treflan 5G may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply Treflan 5G to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. Treflan 5G may also be applied following bulb emergence. For fall planted bulbs, apply Treflan 5G again in late winter or early spring to weed-free soil surfaces.

19/20

Non-bearing † Fruit and Nut Trees and Non-bearing †-Vineyards-†

Common Name	Common Name
Almond	Kiwi
Apple	Lemon
Apricot	Loganberry
Avocado	Macadamia nut
Blackberry	Nectarine
Blueberry	Olive
Boysenberry	Orange
Cherry, sour	Peach
Cherry, sweet	Pear
Currant	Pecan
Dewberry	Pistachio
Elderberry	Plum
Fig	Pomegranate
Filbert	Prune
Gooseberry	Raspberry
Grape, American	Walnut, black
Grape, European	Walnut, English
Grapefruit	

† Non-bearing fruit and nut trees and non-bearing vineyards are defined as plants ~~which~~ that will not bear fruit for at least one year after treatment.

Christmas Tree Plantations

Apply Treflan 5G to established plantings of field grown Christmas tree species listed on this label. Do not apply to seedbeds or seedling transplant beds. Apply only to established plantings. Established plants are defined as those that have been transplanted into their final growing location for a sufficient period of time to allow the soil to be firmly settled around the roots from packing and rainfall or irrigation. Follow all instructions provided in the "General Information" section of this label.

Non-cropland Areas

Treflan 5G is recommended as a preemergence herbicide for control of certain annual grasses and broadleaf weeds on industrial sites, utility substations, highway guard rails, sign posts and delineators.

Apply Treflan 5G anytime prior to germination of target weeds. Areas to be treated should be free of established weeds or existing weeds should be controlled with postemergence herbicides.

Refer to the "General Information" section prior to using this product on non-cropland.

Use Under Paved Surfaces

Site Preparation

Treflan 5G 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 grader blade to a depth sufficient to ensure their complete removal.

Application

20/20

Applications should be made only when the final grade is established or after additions of base rock. Do not move soils following application of Treflan 5G and do not apply Treflan 5G to areas where asphalt is to be laid directly on top of soil.

Paving should follow applications of Treflan 5G as soon as possible.

Apply Treflan 5G to ensure thorough coverage of the base rock layer. Apply with any granular applicator that will apply uniformly.

Apply the following amount of Treflan 5G

Amount of Treflan 5G	
Per Acre	Per 1000 sq ft
240 - 320 lb	5.5 - 7.3 lb

Warranty Disclaimer

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by Buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

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