



Treflan* 5G Herbicide

A selective, preemergence herbicide for the 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.....	5.00%
Inert Ingredients.....	95.00%
Total.....	100.00%

Contains 2 pounds active ingredient per 40 pound bag. U.S. Patent 4,226,789.

KEEP OUT OF REACH OF CHILDREN 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.)

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "WARRANTY DISCLAIMER" and "LIMITATION OF REMEDIES" elsewhere on this label.

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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

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.

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.
- Users should 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 swallowed: Call a physician or Poison Control Center. Drink on 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 on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

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

ENGINEERING CONTROLS

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.

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 § 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.

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.

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 application 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.

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>
jungerlice	<i>Echinochloa colonom</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>Bracharia</i> spp.
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>Urticaria dioica</i>
pigweed	<i>Amaranthus</i> spp.
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.

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 of 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 for 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 and 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 a 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 the label.**

Treflan 5G may be used on the following established plant species when container grown or field grown:

TREES:

Scientific Name

Abies balsamea
Abies concolor
Abutilon hybridum

Common Name

Balsam fir
White fir
Albus-flowering Maple
Luteus-flowering maple
Roseus-flowering maple
Tangerine-flowering maple
Vesuvius red-flowering maple
Flame maple
Norway maple
Red maple
Red sunset maple
Silver maple
Sugar maple

Acer ginnala

Acer platanoides
Acer rubrum

Acer saccharinum
Acer saccharum

TREES (continued):

Scientific Name

Areacastrum romanoffianum
Betula nigra
Betula papyrifera
Betula pendula
Brachychiton populneus
Bucida buceras
Castanea mollissima
Ceratonia siliqua
Cercis canadensis
Chamaecyparis obtusa

Chamaecyparis pisifera

Chamaedorea cataractarum
Chamaedorea costaricana
Chamaedorea elegans
Cornus florida

Cornus kousa
Crataegus viridis
Cupaniopsis anacardioides
Cupressus glabra
Elaeagnus angustifolia
Eucalyptus camaldulensis
Eucalyptus cinerea

Eucalyptus microtheca
Eucalyptus sideroxylon
Ficus benjamina

Fraxinus americana
Fraxinus udhei
Ginkgo biloba
Gleditsia triacanthos

Heteromeles arbutiflora
Illicium floridanum
Juniperus virginiana
Larix kaempferi
Liquidambar styraciflua
Liriodendron tulipifera
Magnolia grandiflora
Malus spp.
Morus alba
Musa aluminata
Nyssa sylvatica
Oxydendrum arboreum
Picea abies

Picea glauca conica
Picea glauca
Picea pungens

Pinus aristata
Pinus canariensis
Pinus contorta
Pinus edularica
Pinus leucodermis
Pinus mugo

Pinus nigra
Pinus radiata
Pinus resinosa
Pinus taeda
Pinus strobus
Pinus sylvestris

Pinus thunbergiana
Platanus acerifolia
Platanus occientalis
Platanus racemose
Podocarpus spp.
Populus deltoides
Prosopis chilensis
Prunus yedoensis
Pseudotsuga menziesii
Quercus coccinea

Common Name

Queen palm
River birch
Paper birch
European white birch
Bottle tree
Black Olive
Chinese chestnut
Carob
Redbud
Filicoides-fernspray cypress
Gracilis-slender Hinoki cypress
Swara false cypress
Squarrosa-moss cypress
Palm
Palm
Parlor palm
Cloud nine dogwood
Flowering dogwood
Dogwood, kousa
Green hawthorn
Carrot wood
Arizona cypress
Russian Olive
Redgum eucalyptus
Mealy eucalyptus
Silver dollar eucalyptus
Coolibah tree
Red ironbark eucalyptus
Ficus
Mini ficus
White ash
Shamel ash
Ginko-maidenhair tree
Honey locust
Shademaster honey locust
Toyon
Florida anise-tree
Eastern red cedar
Japanese larch
American sweet gum
Tuliptree
Southern magnolia
Crabapple
White mulberry
Banana
Blackgum
Sourwood
Norway spruce
Pendula - weeping Norway spruce
Repens - spreading Norway spruce

Dwarf Alberta spruce
White spruce
Dwarf globe blue spruce
Glauca - Colorado blue spruce
Hoopsii - Hoop's blue spruce
Koster - Koster blue spruce

Bristlecone pine
Canary Island pine
Shore pine, beach pine
Eldarica pine
Bosnian pine
Pumilio - shrubby swiss mountain pine
Austrian black pine
Monterey pine
Red pine
Loblolly pine
White pine
Columnar Scotch pine
Scotch pine
Japanese black pine
London planetree
American sycamore
California sycamore
Podocarpus
Cottonwood
Chilean mesquite
Yoshino flowering cherry
Douglas fir
Scarlet oak

TREES (continued):

Scientific Name

Quercus ilicifolia
Quercus palustris
Quercus phellos
Quercus rubra
Quercus virginiana
Robinia pseudoacacia
Salix spp.
Sequoiadendron giganteum
Swietenia mahogani
Tabebuia caraiba
Taxodium distichum
Tsuga canadensis
Ulmus parvifolia
Washingtonia robusta

Common Name

Bear oak
Pin oak
Willow oak
Red oak
Live oak
Black locust
Willow
Giant sequoia
Mahogany
Yellow tab
Bald cypress
Eastern hemlock
Chinese elm
Mexican fan palm

ORNAMENTAL SHRUBS:

Scientific Name

Abelia grandiflora

Acacia abyssinica
Acacia redolens
Acacia stenophylla
Acalypha wilkesiana
Acer ginnala
Acer palmatum

Agave americana
Astilbe chinensis
Athyrium nipponicum
Baccharis pilularis
Berberis gladwynensis
Berberis mentorensis
Berberis thunbergii

Berberis thunbergii

Bougainvillea spp.

Buxus microphylla japonica
Buxus microphylla koreana
Buxus sempervirens
Callistemon citrinus
Callistemon viminalis
Calluna vulgaris
Camellia sasanqua
Camellia japonica
Cassia artemisioides
Ceanothus spp.
Cephalotaxus drupacae
Cerastium tomentosum
Chamaecyparis obtusa spp.

Chamaecyparis pisifera
Chrysalidocarpus lutescens
Clethra alnifolia
Cleyera japonica
Cornus alba
Cornus stolonifera

Cotinus coggygria
Cotinus dammeri

Cotoneaster adpressus
Cotoneaster apiculatus
Cotoneaster congestus
Cotoneaster dammeri
Cotoneaster himalayan
Cotoneaster horizontalis
Cotoneaster zabelii
Cycas revoluta
Cytisus praecox
Cytisus scoparius
Daphne odora
Deutzia spp.

Common Name

Edward Goucher abelia
Glossy abelia
Abyssinica acacia
Prostrate acacia
Shoestring acacia
Copper leaf
Amur maple
Coral bark Japanese maple
Dwarf Japanese maple
Century plant
False spirea
Japanese painted fern
Coyotebush
William Penn barberry
Mentor barberry
Atropurea- redleaf Japanese barberry
Aurea - golden Japanese barberry
Crimson pygmy barberry
Rose glow barberry
Barbara Karst
California gold
Pink pixie
Scarlet O'Hara
Temple fire
Texas dawn
Japanese boxwood
Korean boxwood
Common boxwood
Lemon bottlebrush
Weeping bottlebrush
Spring torch Scotch heather
Sasanqua camellia
Japanese camellia
Feathery cassia
Wild lilac
Plum yew
Snow-in-summer
Kosteri cypress
Nana - dwarf Hinoki cypress
Tolorusa cypress
Fillifera thread cypress
Areca palm
Summersweet
Japanese cleyera
Sibirica - Siberian dogwood
Baileyi red osier dogwood
Flaviramea - yellow twig dogwood
Royal purple smoke tree
Coral beauty smoke tree
Eichholz smoke tree
Praecox - earl cotoneaster
Cranberry cotoneaster
Pyrenees cotoneaster
Bearberry cotoneaster
Himalayan cotoneaster
Rock cotoneaster
Zabel cotoneaster
Sago palm
Hollandia - warminster broom
Lena - Scotch broom
Fragrant daphne
Deutzia

ORNAMENTAL SHRUBS (continued)

Scientific Name	Common Name
<i>Dodonea viscosa</i>	Hopseed bush
<i>Elaeagnus pungens</i>	Fruittland 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>	Canadian gold euonymus
	Emerald'n gold euonymus
	Sunspot euonymus
	Wintercreeper euonymus
<i>Euonymus japonica</i>	Silver king - euonymus
	Variegated evergreen euonymus
<i>Euonymus 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>	Sala/lemon leaf
<i>Gelsemium sempervirens</i>	Carolina jessamine
<i>Genista pilosa</i>	Woodwaxen
<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
	Holly
<i>Ilex</i> spp.	Mystery gardenia
<i>Illicium annisatum</i>	Henry Garnet holly leaf
<i>Itea ilicifolia</i>	sweetspire
<i>Ixora collinea</i>	<i>Ixora</i>
<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
<i>Nerium oleander</i>	Woods dwarf heavenly bamboo
	Hardy red oleander
	Oleander
	Ruby Lace oleander
<i>Osmanthus fortunei</i>	Fortunes osmanthus
<i>Philadelphus</i> spp.	Mock orange
<i>Phoenix roeloenii</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
<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

ORNAMENTAL SHRUBS (continued) :

Scientific Name	Common Name
<i>Raphiolepis indica</i>	Springtime - Monme raphiolepis
	Raphiolepis ovata
<i>Rhododendron</i> spp.	Roundleaf raphiolepis
<i>Rhus lancea</i>	Azalea/rhododendron
<i>Rosa rugosa</i>	Africa sumac
<i>Rosmarinus officinalis</i>	Ramans rose
<i>Skimmia japonica</i>	Rosemary
<i>Skimmia revesiana</i>	Japanese skimmia
<i>Spiraea bumalda</i>	Reeve's skimmia
<i>Spiraea japonica</i>	Anthony Waterer spiraea
	Dolchia spiraea
	Japanese alpine spiraea
	Shirobana spiraea
	Bridal wreath
<i>Spiraea vanhouttii</i>	Chinese lilac
<i>Syringa rothomangensis</i>	Common lilac
<i>Syringa vulgaris</i>	Upright Japanese yew
<i>Taxus cuspidata</i>	Anglojap yew
<i>Taxus media</i>	Cape honeysuckle
<i>Tecomaria capensis</i>	
<i>Temstroemia gymnanthera</i>	American arborvitae
<i>Tuja occidentalis</i>	Emerald arborvitae
	Globosa - globe arborvitae
	Little giant - dwarf arborvitae
	Nigra - dark American arborvitae
	Pyramidalis - pyramid arborvitae
	Rheingold arborvitae
	Techny arborvitae
	Aureus nana - dwarf golden arborvitae
	Minima glauca - dwarf arborvitae
<i>Tuja orientalis</i>	Christmas palm
<i>Veitchia merrilli</i>	Viburnum
<i>Viburnum</i> spp.	Weigela
<i>Weigela</i> spp.	Xylosma
<i>Xylosma congestum</i>	Yucca
<i>Yucca filamentosa</i>	

GROUND COVERS:

Scientific Name	Common Name
<i>Achillea tomentosa</i>	Woolly yarrow
<i>Agapanthus</i> spp.	Lily-of-the-nile
<i>Ammophila brevifigulata</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>Drosanthemum hispidum</i>	Iceplant
<i>Festuca ovina glauca</i>	Blue fescue
<i>Fragaria chiloensis</i>	Strawberry, beach
<i>Ganzania</i> spp.	Ganzania
<i>Hakonechloa macroaureola</i>	Golden hakonechloa
<i>Hedera canariensis</i>	Algerian Ivy
<i>Hedera helix</i>	English Ivy
<i>Hemerocallis</i> spp.	Daylily
<i>Herniaria glabra</i>	Rupturewort
<i>Hosta lancifolia</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
	Majestic lily turf
	Silvery sunproof lily turf
	Variegated liriope lily turf
<i>Liriope spicata</i>	Green/creeping lily turf
<i>Miscanthus sinensis</i>	Eulalia grass
<i>Muehlenbeckia axillaris</i>	Creeping wirevine
<i>Myoporum laetum</i>	Myoporum
<i>Ophiopogon japonicus</i>	Dwarf Mondo grass

GROUND COVERS (continued):

Scientific Name	Common Name
<i>Ophiopogon japonicus</i>	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>	Asian 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 stellerana</i>	Dusty miller
<i>Aster</i> spp.	Aster (perennial)
<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.	Morningglory
<i>Coreopsis</i> spp.	Coreopsis
<i>Cosmos</i> spp.	Cosmos
<i>Dahlia</i> spp.	Dahlia
<i>Dianthus</i> spp.	Dianthus
<i>Dimorphotheca</i> spp.	Marigold, cape
<i>Euphorbia marginata</i>	Snow-on-the-mountain
<i>Geum</i> spp.	Geum
<i>Gaillardia</i> spp.	Gaillardia
<i>Gladiolus</i> spp.	Gladiolus
<i>Gypsophila paniculata</i>	Baby's breath
<i>Helianthus</i> spp.	Sunflower
<i>Impatiens balsamina</i>	Balsam
<i>Impatiens</i> spp.	Impatiens
<i>Ixora</i> spp.	Ixora
<i>Lathyrus odoratus</i>	Sweet pea
<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>Myosotis</i> spp.	Forget-me-not
<i>Nicotiana</i> spp.	Nicotiana
<i>Papaver</i> spp.	Poppy, California
<i>Petunia hybrida</i>	Petunia
<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>Stachys</i> spp.	Lamb's ears
<i>Stokesia laevis</i>	Stoke's aster
<i>Tagetes</i> spp.	Marigold
<i>Tropaeolum</i> spp.	Nasturtium
<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 later winter or early spring to weed-free soil surfaces.

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

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

†Non-bearing fruit and nut trees and non-bearing vineyards are defined as plants which 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

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 reasonable 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.

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1. Refund of the purchase price paid by buyer or user for product bought, or
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