

QUALI-PRO®

T/I 2.5 G

Herbicide



A broad-spectrum preemergence herbicide for use in Christmas Tree Plantations, Non-Bearing Fruit and Nut Trees, Non-Bearing Vineyards, Non-Cropland, and Ornamentals (container and field grown, groundcovers/perennials, and landscape) for control of certain broadleaf weeds and annual grasses.

Contains isoxaben and trifluralin, the active ingredients used in Snapshot® 2.5 TG.

Quali-Pro T/I 2.5 G is not manufactured or distributed by Dow AgroSciences LLC.

ACTIVE INGREDIENT:	% BY WT.
Trifluralin: α, α, α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine	2.0%
Isoxaben: N-[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide and isomers	0.5%
OTHER INGREDIENTS:	97.5%
TOTAL:	100.0%

Contains 1.25 lb active ingredient

(1.0 lb trifluralin and 0.25 lb isoxaben) per 50 lb bag

**NET CONTENTS:
50 POUNDS**

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

For additional precautionary, handling, and use statements, see inside of this booklet.

EPA Reg. No. 53883-435

EPA Est. No. 5905-IA-001^{HD}; 37429-GA-001^{BT};
37429-GA-002^{BO}; 48234-GA-001^R

Letter(s) in lot number correspond(s) to superscript in EPA Est. No.



ADAMA

Manufactured for:

**Control
Solutions Inc.**

5903 Genoa-Red Bluff, Pasadena, TX 77507

A member of Adama
Consumer and Professional Solutions

EPA 112310

FIRST AID	
IF INHALED:	<ul style="list-style-type: none"> • 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.
IF SWALLOWED:	<ul style="list-style-type: none"> • 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 IN EYES:	<ul style="list-style-type: none"> • 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.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.</p>	

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

Harmful if inhaled. Harmful if swallowed. Causes moderate eye irritation. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid contact with eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

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 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.
- Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

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 cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any 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 regulations.

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
- waterproof gloves
- shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

For applications in landscape settings and in non-cropland sites, do not enter or allow others to enter the treated area until dusts have settled.

PRODUCT INFORMATION

Quali-Pro® T/I 2.5 G is a granular herbicide containing two active ingredients, isoxaben (0.5%) and trifluralin (2.0%) for broad-spectrum preemergence control of selected broadleaf weeds and annual grasses. Use a drop- or rotary-type spreader designed to apply granular herbicides or insecticides to apply Quali-Pro T/I 2.5 G. See **APPLICATION INSTRUCTIONS** for specific directions on spreaders and settings.

Quali-Pro T/I 2.5 G controls weeds growing from seeds. The active ingredients are absorbed through unemerged plant shoots and inhibit cell wall growth. They are not mobile within the plant. Selected broadleaf weeds and annual grasses are killed before they emerge. Quali-Pro T/I 2.5 G does not control weeds already established or those growing from stolons, rhizomes, or root pieces. Length of control varies with the rate of Quali-Pro T/I 2.5 G applied, weed infestation, temperature, amount of water applied, soil conditions, or type of potting media, among other factors. Additional applications of Quali-Pro T/I 2.5 G may be needed to provide residual control over time.

Apply Quali-Pro T/I 2.5 G immediately after cultivation or prior to germination of target weeds in landscape ornamentals, container and field-grown ornamentals, nursery stock, Christmas trees, ground covers/perennials, non-bearing fruit and nut trees, non-bearing vineyards, and non-cropland areas. Apply Quali-Pro T/I 2.5 G at 100 to 200 lbs per acre (2.3 to 4.6 lbs per 1000 sq ft). After application, observe the level of weed control obtained over time and decide if additional applications are needed for control. Do not make applications of 150 lbs per acre or higher prior to 60 days after a previous application of Quali-Pro T/I 2.5 G. The maximum application rate per acre for Quali-Pro T/I 2.5 G within a 12-month period is 600 lbs.

The weight-to-volume conversion table below provides equivalent amounts of Quali-Pro T/I 2.5 G for use.

Broadcast Rates For quali-Pro T/I 2.5 G¹

Rate	Amount/1000 sq ft		Amount/100 sq ft	
	Lbs/Acre	Lbs	Qts	Cups
100	2.30	1.75	0.23	0.7
150	3.45	2.60	0.35	1.0
200	4.60	3.50	0.46	1.4

¹ 1 lb of Quali-Pro T/I 2.5 G = 0.75 quart = 3 cups

Quali-Pro T/I 2.5 G must be activated within 3 days of application to achieve optimum weed control. A rainfall or sprinkler irrigation of 0.5 inches or more or flood irrigation will provide activation. If rainfall or irrigation is not applied within 3 days of application and tillage is possible, activation may be accomplished using cultivation equipment that will uniformly mix Quali-Pro T/I 2.5 G into the upper 1-2 inches of soil. Without proper activation of Quali-Pro T/I 2.5 G, poor weed control is likely to occur.

APPLICATION INSTRUCTIONS

Since Quali-Pro T/I 2.5 G has no postemergence activity against emerged weeds, use cultivation or apply postemergence herbicides to control emerged weeds. Remove or incorporate all weed residue, prunings, crop residue, or other plant trash before application of Quali-Pro T/I 2.5 G. Make sure the soil surface is free of clods and smooth when application is made. If wind conditions favor drift at the time of application, do not apply Quali-Pro T/I 2.5 G because drift of granules outside the treated area may result in injury to non-target plants.

Do not apply Quali-Pro T/I 2.5 G to newly transplanted ornamentals, nursery stock, Christmas trees, groundcovers, non-bearing fruit and nut trees, 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.

Where loss of stand has occurred in field-grown ornamentals, use untreated soil as fill around roots when replacing plants, or injury may occur.

Use a drop- or rotary-type spreader designed to apply granular herbicides or insecticides for application of Quali-Pro T/I 2.5 G. Clean the spreader before use and calibrate according to manufacturer's directions. It is important that the spreader works properly and the granules are distributed uniformly. Spreaders that apply Quali-Pro T/I 2.5 G in narrow, concentrated bands are not to be used. Avoid skips or overlaps, as crop injury or poor weed control could occur. In order to obtain uniform distribution of the granules, apply half of the product on the target area and then apply the other half of the product to the same area but with the spreader swaths going at right angles to the first application.

Equipment Modifications for Improved Application of quali-Pro T/I 2.5 G:

- For drop-type spreaders, more uniform granule distribution will result when a splashboard is mounted under the hopper.
- Also for drop-type spreaders, fasten a chain to the side of the spreader and allow it to drag on the soil surface to mark the edge of the treated swath and help prevent skips or overlaps.
- To treat small areas or rows of nursery stock or ornamental beds, use a handheld or push-type rotary applicator such as a whirlybird or cyclone unit. Whenever hand-held units are used, walk and turn the crank at a constant rate of speed.
- For small areas difficult to treat with a drop-type or rotary spreader, use a shakertype applicator made from a small container with holes punched in the bottom. Carefully measure the amount of product needed to avoid over application.

There are numerous brands and types of spreaders available for applying granular pesticides like Quali-Pro T/I 2.5 G. No two spreaders are alike; therefore, follow the instructions provided by the manufacturer for proper calibration. The settings for the Warren T-7 II spreader are provided below as a guide for calibrating individual spreaders. These settings are not intended to be used as absolute specifications by Makhteshim Agan of North America, Inc. or the spreader manufacturer.

Speed (mph)	Settings for Warren T-7 II Spreader ¹		
	Target Rate of quali-Pro T/I 2.5 G		
	100 lbs/acre	150 lbs/acre	200 lbs/acre
2.0	2 1/2	3 1/4	3 3/4
2.5	3	3 1/2	4 1/4
3.0	3 1/4	4	5

¹ Warren spreader settings are displayed in half-number increments only. The suggested settings that indicate quarter settings can be accomplished by placing the calibration arm between the half number marks on the spreader.

USE PRECAUTIONS AND RESTRICTIONS

In Arizona: The state of Arizona has not approved Quali-Pro T/I 2.5 G for use on plants grown for agricultural/commercial production, such as on Christmas tree plantations, container-grown or field-grown ornamentals, non-bearing fruit and nut trees, and non-bearing vineyards.

Do not apply Quali-Pro T/I 2.5 G by aerial application.

Accidental application to turf may occur when applying Quali-Pro T/I 2.5 G to ornamental plantings. Quali-Pro T/I 2.5 G is not specified for weed control in turfgrasses, but turfgrasses are generally tolerant to small amounts of this product that fall outside of the intended area of application.

Use of Quali-Pro T/I 2.5 G on Species Not Listed on the Label: Injury may occur if Quali-Pro T/I 2.5 G is applied to plant species not listed on this label. If users wish to apply Quali-Pro T/I 2.5 G to plant species not listed on the label, first determine the susceptibility of the plants to injury by treating a small number of plants at the labeled rates. Do this before treating large areas. Monitor the treated plants closely for injury for up to 60 days during the active growing period to determine if it is safe to use Quali-Pro T/I 2.5 G on these target plants. The user assumes responsibility for any plant damage or other liability resulting from use of Quali-Pro T/I 2.5 G on plant species not listed on this label.

- Special Use Precautions:** To avoid possible injury, do not apply Quali-Pro T/I 2.5 G to:
- nursery, forest, or Christmas tree seedling beds, cutting beds, or transplant beds.
 - nursery seedbeds or forest or Christmas tree seedling transplant beds.
 - unrooted liners or cuttings that have been planted in pots for the first time.
 - pots less than four inches wide.
 - bedding plants or areas where bedding plants will be planted or transplanted within one year following application.
 - groundcovers until they are established and well rooted.

Note: Injury on the following plant species has been observed following applications of Quali-Pro T/I 2.5 G and its use is not recommended: oak leaf acanthus (*Acanthus mollis*), bugle (*Ajuga* spp.), mountain sandwort (*Arenaria Montana*), mustard (*Brassica* spp.), luxuriant bleeding heart (*Dicentra luxuriant*), foxglove (*Digitalis purpurea*), purple coneflower (*Echinacea purpurea*), dwarf burning bush (*Euonymus alatus 'Compacta'*), spurge (*Euphorbia* spp.), ballerina cranesbill (*Geranium cinereum 'Ballerina'*), white festival baby's breath (*Gypsophila paniculata*), hydrangea (*Hydrangea* spp.), candytuft (*Iberis* spp.), Prince of Wales juniper (*Juniperus horizontalis 'Prince of Wales'*), cajeput tree (*Melaleuca quinquenervia*), summer phlox (*Phlox paniculata*), Bertram Anderson lingwort (*Pulmonaria longifolia*), Carolina rhododendron (*Rhododendron carolinianum*), roseum elegans rhododendron (*Rhododendron catawbiense 'Roseum elegans'*), stonecrop (*Sedum* spp.), wine periwinkle (*Vincaminor 'Atropurpurea'*), green yucca (*Yucca recurvifolia*).

**GRASS AND BROADLEAF WEEDS CONTROLLED OR SUPPRESSED WITH
QUALI-PRO T/1 2.5 G**

**Weeds controlled when applied at
100 lbs per acre (2.3 lbs per 1000 sq ft)**

Grasses

Common Name	Scientific Name
barnyardgrass	<i>Echinochloa crus-galli</i>
bluegrass, annual	<i>Poa annua</i>
crabgrass	<i>Digitaria</i> spp.
cupgrass, southwestern	<i>Eriochloa gracilis</i>
foxtail, yellow	<i>Setaria glauca</i>
junglerice	<i>Echinochloa colonum</i>
oat, wild	<i>Avena fatua</i>
panicum, fall	<i>Panicum dichotomiflorum</i>
sprangletop, Mexican	<i>Leptochloa univervia</i>
witchgrass	<i>Panicum capillare</i>

Broadleaf Weeds

Common Name	Scientific Name
aster, slender	<i>Aster exilis</i>
bursage, annual	<i>Ambrosia acanthicarpa</i>
celery, wild	<i>Apium leptophyllum</i>
chickweed, common	<i>Stellaria media</i>
clover, white	<i>Trifolium repens</i>
cutweed, purple	<i>Gnaphalium purpureum</i>
fiddleneck, coast	<i>Amsinckia intermedia</i>
filaree, redstem	<i>Erodium cicutarium</i>
fleabane, blackleaved	<i>Conyza bonariensis</i>
fleabane, dwarf	<i>Conyza ramosissima</i>
groundcherry, lanceleaf	<i>Physalis lanceifolia</i>
henbit	<i>Lamium amplexicaule</i>
horsetweed	<i>Conyza canadensis</i>
knotweed, prostrate	<i>Polygonum aviculare</i>
lambquarters, common	<i>Chenopodium album</i>
mallow, little	<i>Malva parviflora</i>
mustard, Indian	<i>Brassica juncea</i>
mustard, wild	<i>Sinapis arvensis</i>
nightshade, black	<i>Solanum nigrum</i>
pepperweed, Virginia	<i>Lepidium virginicum</i>
pigweed	<i>Amaranthus</i> spp.
pineappleweed	<i>Matricaria matricarioides</i>
plantain, slender	<i>Plantago elongata</i>
purslane, common	<i>Portulaca oleracea</i>
radish, wild	<i>Raphanus raphanistrum</i>
ragweed, common	<i>Ambrosia artemisiifolia</i>
rocket, London	<i>Sisymbrium irio</i>
rockpurslane, desert	<i>Calandrinia ciliata</i>
shepherdspurse	<i>Capsella bursa-pastoris</i>
sibara	<i>Sibara virginica</i>
smartweed, Pennsylvania	<i>Polygonum pensylvanicum</i>
sowthistle, annual	<i>Sonchus oleraceus</i>
speedwell, purslane	<i>Veronica peregrina</i>
telegraphplant	<i>Heterotheca grandiflora</i>
thistle, Russian	<i>Salsola iberica</i>

Weeds controlled when applied at 150 lbs per acre (3.5 lbs per 1000 sq ft)

Grasses

Common Name	Scientific Name
foxtail, giant	<i>Setaria faberi</i>
lovegrass	<i>Eragrostis</i> spp.
ryegrass, annual	<i>Lolium multiflorum</i>

Broadleaf Weeds

Common Name	Scientific Name
aster, heath	<i>Aster ericoides</i>
bittercress	<i>Cardamine oligosperma</i>
bittercress, hairy	<i>Cardamine hirsuta</i>
brassbuttons, southern	<i>Cotula australis</i>
carrot, wild	<i>Daucus carota</i>
chamberbitter	<i>Phyllanthus urinaria</i>
chickweed, mouseear	<i>Cerastium vulgatum</i>
dandelion	<i>Taraxacum officinale</i>
eclipta	<i>Eclipta prostrata</i>
fireweed	<i>Erechtites hieracifolia</i>
galinsoga, hairy	<i>Galinsoga ciliata</i>
geranium, Carolina	<i>Geranium carolinianum</i>
groundsel, common	<i>Senecio vulgaris</i>
ladysthumb	<i>Polygonum persicaria</i>
lettuce, prickly	<i>Lactuca serriola</i>
mallow, dwarf	<i>Malva rotundifolia</i>
marestail	<i>Hippuris vulgaris</i>
mayweed	<i>Anthemis cotula</i>
morningglory, ivyleaf	<i>Ipomoea hederacea</i>
mustard, black	<i>Brassica nigra</i>
pennywort	<i>Hydrocotyle</i> spp.
phyllanthus, long-stalk	<i>Phyllanthus tenellus</i>
plantain, bracted	<i>Plantago aristata</i>
plantain, broadleaf	<i>Plantago major</i>
plantain, buckhorn	<i>Plantago lanceolata</i>
pokeweed, common	<i>Phytolacca americana</i>
rockpurslane, redmaids	<i>Calandrinia ciliata</i> var. <i>menziesii</i>
sida, prickly	<i>Sida spinosa</i>
sorrell, red	<i>Rumex acetosella</i>
speedwell, thymeleaf	<i>Veronica serpyllifolia</i>
spurge, hyssop	<i>Chamaesyce hyssopifolia</i>
spurge, spotted	<i>Chamaesyce maculata</i>
sweetclover, yellow	<i>Melilotus officinalis</i>
tansymustard, green	<i>Descurainia pinnata</i>
velvetleaf	<i>Abutilon thelophrastii</i>
woodsorrel, yellow	<i>Oxalis stricta</i>

Weeds controlled when applied at 200 lbs per acre (4.6 lbs per 1000 sq ft)

Grasses

Common Name

barley, hare
bromegrass
cheat
fescue, rattail
goosegrass
sandbur, field
signalgrass
stinkgrass

Scientific Name

Hordeum leporinum
Bromus spp.
Bromus secalinus
Vulpia myuros
Eleusine indica
Cenchrus incertus
Brachiaria spp.
Eragrostis cilianensis

Broadleaf Weeds

Common Name

burclover, California
datura
dogfennel
eveningprimrose
filaree, whitestem
goosefoot, nettleleaf
jimsonweed
knotweed, silversheath
kochia
medic, black
mullein, turkey
nettle, burning
nettle, stinging
oxtongue, bristly
pimpernel, scarlet
sowthistle, spiny
spurge, petty
spurge, prostrate
sunflower
swinecress
thistle, musk
willoweed, panicle
woodsorrel, creeping

Scientific Name

Medicago polymorpha
Datura spp.
Eupatorium capillifolium
Oenothera spp.
Erodium moschatum
Chenopodium murale
Datura stramonium
Polygonum argyrocoleon
Kochia scoparia
Medicago lupulina
Eremocarpus setigerus
Urtica urens
Urtica dioica
Picris echioides
Anagallis arvensis
Sonchus asper
Euphorbia peplus
Chamaesyce humistrata
Helianthus spp.
Coronopus didymus
Carduus nutans
Epilobium paniculatum
Oxalis corniculata

Weeds partially controlled or surprised when applied at 200 lbs per acre (4.6 lbs per 1000 sq ft)

Grasses

Common Name

johnsongrass (seedling)
panicum, Texas
shattercane

Scientific Name

Sorghum halepense
Panicum texanum
Sorghum bicolor

Broadleaf Weeds

Common Name

bindweed, field
carpetweed
dock, curly
mallow, Venice
milkweed, honeyvine
morningglory, tall
pusley, Florida

Scientific Name

Convolvulus arvensis
Mollugo verticillata
Rumex crispus
Hibiscus trionum
Ampelamus albidus
Ipomoea purpurea
Richardia scabra

Quali-Pro T/I 2.5 G may be used on the following established plant species
(Note: Limitations on Treatment Methods)

Groundcovers/Perennials, Shrubs, and Trees

Scientific Name

Common Name

**Treatment Method:
C = Container Grown;
F = Field Grown**

<i>Abelia grandiflora</i>	Edward Goucher abelia	Shrub - C,F
	Glossy abelia	Shrub - C,F
<i>Abies balsamea</i>	Fir, balsam	Tree - C,F
<i>Abies concolor</i>	Fir, white	Tree - F
<i>Abutilon hybridum</i>	Albus-flowering maple	Tree - C,F
	Luteus-flowering maple	Tree - C,F
	Roseus-flowering maple	Tree - C,F
	Tangerine-flowering maple	Tree - C,F
	Vesuvius red-flowering maple	Tree - F
<i>Acacia abyssinica</i>	Shrub - C,C,F	
<i>Acacia redolens</i>	Acacia, prostrate	Shrub - C,F
<i>Acacia stenophylla</i>	Shoestring acacia	Shrub - C,F
<i>Acalypha wilkesiana</i>	Copper leaf	Shrub - C,F
<i>Acer ginnala</i>	Amur maple	Shrub - C,F
<i>Acer ginnala</i>	Flame maple	Tree - F
<i>Acer palmatum</i>	Coral bark Japanese maple	Shrub - C,F
	Dwarf Japanese maple	Shrub - C,F
<i>Acer rubrum</i>	Red maple	Tree - F
	Red sunset maple	Tree - F
<i>Acer saccharinum</i>	Silver maple	Tree - C,F
<i>Achillea millefolium</i>	Common yarrow	Groundcover/Perennial - C,F
<i>Agapanthus africanus</i>	Queen Anne Lily of the Nile	Shrub - Groundcover/Perennial - C,F
<i>Agapanthus 'Peter pan'</i>	--	Perennial - C,F
<i>Agave americana</i>	Century plant	Groundcovers/Perennials - C,F
<i>Alsophila australis</i>	Australian tree fern	Shrub - F
<i>Alstroemeria aurea</i>	Peruvian lily	Tree - C,F
<i>Ammophila breviligulata</i>	Beechgrass	Groundcover/Perennial - C,F
<i>Anisodonta hypomandarum</i>	Cape mallow	Groundcover/Perennial - C,F
<i>Antirrhinum majus</i>	Snapper	Shrub - C,F
<i>Apтения cordifolia</i>	Red apple aptenia	Groundcover/Perennial - C,F
<i>Arctotheca calendula</i>	Cape weed	Shrub - C,F
<i>Ardisia japonica</i>	Chirimen marlberry	Groundcover/Perennial - F
<i>Areacastrum romanzoffianum</i>	Queen palm	Shrub - C,F
<i>Argyranthemum frutescens</i>	Paris daisy	Tree - C,F
<i>Artemisia schmidtiana</i>	Angels' hair	Groundcover/Perennial - C,F
<i>Asparagus retrofractus</i>	Fern	Groundcover/Perennial - C,F
<i>Asparagus variegata</i>	Tree fern	Groundcover/Perennial - C,F
<i>Aster novae-angliae</i>	New England aster	Groundcover/Perennial - C,F
<i>Aster novi-belgii</i>	New York aster	Groundcover/Perennial - C,F
<i>Asteriscus maritimus</i>	Gold coin daisy	Groundcover/Perennial - C,F
<i>Astilbe arendsii</i>	False spiraea	Groundcover/Perennial - C,F
<i>Astilbe chinensis</i>	Astilbe/false spirea	Shrub - C,F
<i>Astilbe Deutschland</i>	Deutschland astilbe	Shrub - C,F
<i>Athyrium nipponicum</i>	Japanese painted fern	Groundcover/Perennial - C,F
<i>Baccharis pilularis</i>	Coyotebush	Shrub - C,F
<i>Begonia cordifolia</i>	Heartleaf begonia	Shrub - F
<i>Begonia semperflorens</i>	White ambassador begonia	Groundcover/Perennial - C,F
<i>Berberis gladwynensis</i>	William Penn barberry	Groundcover/Perennial - C,F
<i>Berberis mentorensis</i>	Mentor barberry	Shrub - C,F
<i>Berberis thunbergii</i>	Aurea-golden Japanese barberry	Shrub - C,F
	Crimson pygmy barberry	Shrub - F
	Rose glow barberry	Shrub - C,F
	Atropurea-redleaf Japanese barberry	Shrub - C,F
	Cherry bomb barberry	Shrub - F
	Cherry bomb barberry	Shrub - C,F
<i>Betula nigra</i>	River birch	Tree - C,F
<i>Betula papyrifera</i>	Paper birch	Tree - F
<i>Bidens ferulifolia</i>	Peter's gold bidens	Groundcover/Perennial - C,F

Scientific Name	Common Name	Treatment Method: C = Container Grown; F = Field Grown			
<i>Bougainvillea</i> spp.	Barbara Karst	Shrub - C,F		<i>Cortaderia selloana</i>	Flavrimea-yellowtwig dogwood
	California gold	Shrub - C,F		<i>Cotinus cogglyria</i>	Pampas grass
	Pink pixie	Shrub - C,F		<i>Cotinus dammeri</i>	Royal purple smoke tree
	Scarlet O'Hara	Shrub - C,F			Coral beauty smoke tree
	Temple fire	Shrub - C,F		<i>Cotoneaster adpressus</i>	Eichholz smoke tree
	Texas dawn	Shrub - C,F		<i>Cotoneaster apiculatus</i>	Praecox-early cotoneaster
<i>Brachychiton populneus</i>	Bottle tree	Tree - C,F		<i>Cotoneaster congestus</i>	Cranberry cotoneaster
<i>Brachycome x 'New amethyst'</i>	Swan river daisy new amethyst	Groundcover/Perennial - C,F		<i>Cotoneaster dammeri</i>	Pyrenees cotoneaster
<i>Bucida buceras</i>	Black olive	Tree - F		<i>Cotoneaster himalayana</i>	Bearberry cotoneaster
<i>Buxus microphylla japonica</i>	Japanese boxwood	Shrub - C,F		<i>Cotoneaster horizontalis</i>	Himalayan cotoneaster
<i>Buxus microphylla koreana</i>	Korean boxwood	Shrub - F		<i>Cotoneaster opiculata</i>	Rock cotoneaster
<i>Buxus sempervirens</i>	Common boxwood	Shrub - C,F		<i>Crataegus viridis</i>	Cotoneaster
<i>Buxus x 'Green velvet'</i>	Green velvet boxwood	Shrub - C,F		<i>Cryptomeria japonica</i>	Green hawthorn
<i>Callistemon citrinus</i>	Lemon bottlebrush	Shrub - F		<i>Cupaniopsis anacardioides</i>	Japanese cryptomeria
<i>Callistemon viminalis</i>	Weeping bottlebrush	Shrub - C,F		<i>Cupania hyssopifolia</i>	Carrot wood
<i>Callistephus chinensis</i>	China aster	Groundcover/Perennial - C,F		<i>Cupressocyparis x 'Emerald Isle'</i>	False or Mexican heather
<i>Calluna vulgaris</i>	Spring torch Scotch heather	Shrub - C,F		<i>Cupressus arizonica</i>	Groundcover/Perennial - C,F
<i>Camellia japonica</i>	Camellia	Shrub - C,F		<i>Cupressus glabra</i>	Tree - C,F
<i>Carex</i> spp.	Sedge	Groundcover/Perennial - C,F		<i>Cupressus sempervirens</i>	Italian cypress
<i>Caryobrotus edulis</i>	Largeleaf ice plant	Groundcover/Perennial - F		<i>Cycas revoluta</i>	Sago palm
<i>Caryopteris x clandonen</i>	Dark knight bluebeard	Shrub - C,F		<i>Cyperus albostratus</i>	Dwarf umbrella grass
<i>Cassia artemisioides</i>	Feathery cassia	Shrub - C,F		<i>Cytisus praecox</i>	Hollandia-warmminster broom
<i>Catharanthus roseus</i>	Madagascar periwinkle	Groundcover/Perennial - C,F		<i>Cytisus scoparius</i>	Lena-Scotch broom
<i>Ceanothus</i> spp.	Wild lilac	Shrub - F		<i>Cytisus spp.</i>	Hollandia-Scotch broom
<i>Cephalotaxus drupacea</i>	Plum yew	Shrub - C,F		<i>Dahlia x 'Royal Dahlietta pink'</i>	Dwarf dahlia wendy pink
<i>Ceratonia siliqua</i>	Carob	Tree - F		<i>Daphne odora</i>	Fragrant daphne
<i>Cerastium tomentosum</i>	Snow in the summer	Groundcover/Perennial - C,F		<i>Delosperma alba</i>	White iceplant
<i>Cerastium tomentosum</i>	Snow-in-summer	Shrub - C,F		<i>Descampsia caespitosa</i>	Descampsia
<i>Ceratostigma plumbaginoides</i>	Dwarf plumbago	Groundcover/Perennial - C,F		<i>Deutzia crenata</i>	Nakiana-dwarf deutzia
<i>Cercis canadensis</i>	Redbud	Tree - C,F		<i>Deutzia gracilis</i>	Slender gracilis
<i>Chamaecyparis obtusa</i>	Filicoides-fernspray cypress	Tree - F		<i>Dianthus gratianopolitanus</i>	Crimson treasure cheddar pink
	Gracilis-slender Hinoki cypress	Tree - F		<i>Dicksonia antarctica</i>	Tasmanian tree fern
<i>Chamaecyparis obtusa</i>	Kosteri cypress	Shrub - C,F		<i>Diets vegeta</i>	Fortnight lily
	Nana-dwarf Hinoki cypress	Shrub - C,F		<i>Dodonea viscosa</i>	Hopseed bush
	Torulosa cypress	Shrub - C,F		<i>Drosanthemum floribundum</i>	Trailing rosea iceplant
<i>Chamaecyparis pisifera</i>	Sawara-false cypress	Tree - F		<i>Drosanthemum hispidum</i>	Iceplant
	Squarrosa-moss cypress	Tree - F		<i>Elaeagnus angustifolia</i>	Russian olive
<i>Chamaecyparis pisifera</i>	Baileyi-dogwood	Shrub - F		<i>Elaeagnus x 'Gilt edge'</i>	Gilt edge silverberry
	Flavrimea-dogwood	Shrub - F		<i>Elaeagnus pungens</i>	Fruitland silver berry
	Squarrosa minima cypress	Shrub - C,F		<i>Ensete ventricosum</i>	Red abyssinian banana
<i>Chamaecyparis pisifera</i> spp.	Filifera-thread cypress	Shrub - C,F		<i>Equisetum scirpoides</i>	Dwarf horsetail
<i>Chamaedorea cataractarum</i>	Cat palm	Tree - F		<i>Erianthus ravennae</i>	Hardy pampasgrass
	Palm	Tree - C,F		<i>Erica cinerea</i>	Purple bell heather
<i>Chamaedorea costaricana</i>	Palm	Tree - C,F		<i>Erica vagans</i>	Cornish heather
<i>Chamaedorea elegans</i>	Parlor palm	Tree - C,F		<i>Erica x darleyensa</i>	Mediterranean pink heather
<i>Chrysalidocarpus lutescens</i>	Areca palm	Shrub - F		<i>Erysiumum 'Bowles mauve'</i>	Wallflower
<i>Chrysanthemum morifolium</i>	Florist's chrysanthemum	Groundcover/Perennial - C,F		<i>Eucalyptus camaldulensis</i>	Red gum eucalyptus
<i>Chrysanthemum</i> sp.	Chrysanthemum species	Groundcover/Perennial - C,F		<i>Eucalyptus cinerea</i>	Eucalyptus, mealy
<i>Clematis integrifolia caerulea</i>	Blue bell clematis	Groundcover/Perennial - C,F			Silver dollar eucalyptus
<i>Clethra alnifolia</i>	Summersweet	Shrub - C,F		<i>Eucalyptus microtheca</i>	Tree - C, F
<i>Cleyera japonica</i>	Japanese cleyera	Shrub - C,F		<i>Eucalyptus sideroxylon</i>	Tree - F
<i>Clivia miniata</i>	Kafir lily	Groundcover/Perennial - C,F		<i>Eugenia myrtifolia</i>	Dwarf brush cherry
<i>Colonema pulchrum</i>	Pink breath of heaven	Shrub - C,F		<i>Euonymus fortunei</i>	Canadale gold euonymus
<i>Convolvulus cneorum</i>	Bush morning glory	Shrub - C,F			Emerald 'n gold euonymus
<i>Coreopsis verticillata</i>	Threadleaf coreopsis	Groundcover/Perennial - C,F		<i>Euonymus japonica</i>	Sunspot euonymus
<i>Cornus alba</i>	Sibirica-Siberian dogwood	Shrub - C,F			Silver king euonymus
<i>Cornus florida</i>	Cloud nine dogwood	Tree - C,F		<i>Euonymus kiautschovica</i>	Variiegated evergreen euonymus
	Dogwood, flowering	Tree - C,F		<i>Euonymus vegetus</i>	Spreading euonymus
<i>Cornus stolonifera</i>	Baileyi-redosier dogwood	Shrub - F		<i>Euonymus x 'Aurea variegatus'</i>	Bigleaf wintercreeper
				<i>Euonymus x 'Chollipo'</i>	Gold spot euonymus
					Shrub - C,F

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<i>Euryops pectinatus</i>	Dwarf euryops	Groundcover/Perennial - C,F	<i>Ilex crenata</i>	Compacta-dwarf Japanese holly	Shrub - C,F
<i>Euryops pectinatus</i>	Dwarf euryops	Shrub - C,F		Convexa holly	Shrub - C,F
<i>Eustoma grandiflorum</i>	Pink lisianthus	Groundcover/Perennial - C,F		Dwarf Chinese holly	Shrub - C,F
<i>Fatsyhedera japonica</i>	—	Shrub - C,F		Green luster holly	Shrub - C,F
<i>Fatsia japonica</i>	Japanese aralia	Shrub - C,F		Helleri-Heller's Japanese holly	Shrub - C,F
<i>Felicia amelloides</i>	Blue marguerite	Shrub - C,F	<i>Ilex glabra</i>	Hetzii's Japanese holly	Shrub - C,F
<i>Festuca ovina glauca</i>	Blue fescue	Groundcover/Perennial - C,F		Stokesii Japanese holly	Shrub - C,F
<i>Ficus benjamina</i>	Ficus	Tree - C,F		Compacta-compact inkberry holly	Shrub - C,F
	Mini ficus	Tree - C,F		Nordica-inkberry holly	Shrub - C,F
<i>Forsythia intermedia</i>	Forsythia, border	Shrub - C,F	<i>Ilex x meserveae</i>	Blue boy holly	Shrub - C,F
<i>Forsythia x 'Spring glory'</i>	Spring glory forsythia	Shrub - C,F		Blue girl holly	Shrub - C,F
<i>Fraxinus uelhei</i>	Shamel ash	Tree - C,F		China boy holly	Shrub
<i>Fuchsia x 'Santa Claus'</i>	Santa Claus fuchsia	Groundcover/Perennial - C,F		China girl holly	Shrub
<i>Gaillardia aristata</i>	Blanket flower	Groundcover/Perennial - C,F	<i>Ilex vomitoria</i>	Ebony magic holly	Shrub - F
<i>Gaillardia x grandiflora</i>	Goblin blanket flower	Groundcover/Perennial - C,F		Nana-dwarf yaupon holly	Shrub - C,F
<i>Gardenia jasminoides</i>	August beauty gardenia	Shrub - C,F		Pendula-weeping yaupon holly	Shrub - C,F
	Gardenia	Shrub - C,F		Yaupon holly	Shrub - C,F
	Radican gardenia	Shrub - C,F	<i>Illicium annisatum</i>	Mystery gardenia	Shrub - C,F
	Salal/lemon leaf	Shrub - C,F	<i>Illicium floridanum</i>	Florida anise-tree	Tree - C,F
<i>Gaultheria shallon</i>	Guara	Groundcover/Perennial - C,F	<i>Impatiens wallerana</i>	Busy lizzie	Groundcover/Perennial - C,F
<i>Gaura lindheimeri</i>	Gazania, trailing	Groundcover/Perennial - C,F	<i>Iris pumila</i>	Yellow dwarf bearded iris	Groundcover/Perennial - C,F
<i>Gazania rigens leucolaena</i>	Gazania	Groundcover/Perennial - C,F	<i>Iris siberica</i>	Blue Siberian iris	Groundcover/Perennial - C,F
<i>Gazania</i> spp.	Gazania	Groundcover/Perennial - C,F	<i>Itea ilicifolia</i>	Henry Garnet holly leaf sweetspire	Shrub - C,F
<i>Gelsemium sempervirens</i>	Carolina jessamine	Shrub - C,F	<i>Ixora collinea</i>	Ixora	Shrub - C,F
<i>Genista pilosa</i>	Woadwaxen	Shrub - C,F	<i>Jasminum nitidum</i>	Angelwing jasmine	Groundcover/Perennial - C,F
<i>Geranium incanum</i>	Cranesbill	Groundcover/Perennial - C,F	<i>Juniperus chinensis</i>	Media-old gold juniper	Shrub - C,F
<i>Geranium subcaulescens</i>	Black-eyed magenta cranesbill	Groundcover/Perennial - C,F		Pfitzer juniper	Shrub - C,F
<i>Ginkgo biloba</i>	Ginkgo (Maidenhair tree)	Tree - F		Pfitzerana glauca-blue juniper	Shrub - C,F
<i>Gleditsia triacanthos</i>	Honey locust	Tree - F		Pfitzerana-pfitzer juniper	Shrub - C,F
	Shademaster honey locust	Tree - F	<i>Juniperus conferta</i>	Sea green juniper	Shrub - F
<i>Hakonechloa macroaureola</i>	Golden hakonechloa	Groundcover/Perennial - C,F		Torulosa-hollywood juniper	Shrub - C,F
<i>Hedera canariensis</i>	Algerian ivy	Groundcover/Perennial - F	<i>Juniperus horizontalis</i>	Emerald sea shore juniper	Shrub - C,F
<i>Hedera helix</i>	English ivy	Groundcover/Perennial - C,F		Shore juniper	Shrub - C,F
<i>Helichrysum petiolatum</i>	White licorice plant	Groundcover/Perennial - C,F		Andorra juniper	Shrub - C,F
<i>Hemerocallis</i> spp.	Daylily	Groundcover/Perennial - C,F		Bar harbor juniper	Shrub - C,F
<i>Hesperaloe parvifolia</i>	Red yucca	Groundcover/Perennial - C,F		Blue chip juniper	Shrub - C,F
<i>Heteromeles arbutiflora</i>	Toyon	Tree - F		Blue rug juniper	Shrub - C,F
<i>Heuchera americana</i>	Palace purple	Groundcover/Perennial - C,F		Creeping juniper	Shrub - C,F
<i>Heuchera micrantha</i>	Coral bells	Groundcover/Perennial - C,F		Dwarf Andorra juniper	Shrub - C,F
<i>Hibiscus rosa-sinensis</i>	Ross Estey-hibiscus	Shrub - C,F		Huntington blue juniper	Shrub - C,F
<i>Hibiscus syriacus</i>	Rose of Sharon, red bird	Shrub - C,F		Plumosa-andorra juniper	Shrub - C,F
	Rose of Sharon, red heart	Shrub - F	<i>Juniperus procumbens</i>	Wiltonii-blue carpet juniper	Shrub - C,F
	Rose of Sharon, woodbridge	Shrub - C,F		Nana-dwarf Japanese Garden juniper	Shrub - C, F
	Rose of Sharon, Aphrodite	Shrub - C,F	<i>Juniperus prostrata</i>	Prostrata juniper	Shrub - C,F
	Rose of Sharon, Helene	Shrub - C,F	<i>Juniperus sabina</i>	Broadmoor juniper	Shrub - C,F
				Foemina-hicks juniper	Shrub - C,F
<i>Hippeastrum hybrid</i>	Amaryllis	Groundcover/Perennial - C,F		Savin juniper	Shrub - C,F
<i>Hosta 'Francee'</i>	Francee plantain lily	Groundcover/Perennial - C,F		Tamariscifolia-tam juniper	Shrub - C,F
<i>Hosta lancifolia</i>	Albo-marginata hosta	Groundcover/Perennial - C,F	<i>Juniperus scopulorum</i>	Emerald green juniper	Shrub - F
<i>Hosta x 'Patriot'</i>	Patriot plantain lily	Groundcover/Perennial - C,F	<i>Juniperus squamata</i>	Blue juniper	Shrub - C,F
<i>Hymenoxys acaulis</i>	Angelita daisy	Groundcover/Perennial - C,F		Blue star juniper	Shrub - C,F
<i>Hypericum</i> spp.	St. Johnswort	Groundcover/Perennial - C,F		Parsonii juniper	Shrub - C,F
<i>Ilex aquifolium</i>	Balkans holly	Shrub - F	<i>Juniperus virginiana</i>	Eastern redcedar	Tree - C,F
	Gold coast holly	Shrub - F	<i>Kalmia latifolia</i>	Mountain laurel	Shrub - C,F
<i>Ilex aquipernyi</i>	San Jose holly	Shrub - C,F	<i>Lagerstroemia indica</i>	Crape myrtle	Shrub - C,F
<i>Ilex attenuata</i>	Savannah holly	Shrub - C,F	<i>Lampranthus spectabilis</i>	Trailing iceplant	Groundcover/Perennial - F
<i>Ilex cornuta</i>	Burford holly	Shrub - C,F	<i>Lantana</i> spp.	Lantana	Shrub - C,F
	Dwarf burford holly	Shrub - C,F	<i>Lavandula angustifolia</i>	English lavender	Shrub - C,F
	Needle point holly	Shrub - C,F	<i>Lavandula latifolia</i>	English spike lavender	Shrub - C,F
			<i>Lavandula officinalis</i>	English lavender	Shrub - C,F
			<i>Leptospermum scoparium</i>	Broom teatree/manuka	Groundcover/Perennial - C,F

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<i>Leptospermum scoparium</i>	New Zealand tea tree	Shrub - C,F	<i>Oxydendrum arboreum</i>	Sourwood	Tree - C,F
<i>Leucothoe axillaris</i>	Coast leucothoe	Shrub - C,F	<i>Pachysandra terminalis</i>	Japanese spurge	Groundcover/Perennial - C,F
<i>Leucothoe fontanesiana</i>	Drooping leucothoe	Shrub - C,F	<i>Pachysandra terminalis</i>	Japanese spurge	Shrub - C,F
<i>Liatris spicata</i>	Gay feather	Groundcover/Perennial - C,F	<i>Parthenocissus quinquefolia</i>	Virginia creeper	Groundcover/Perennial - C,F
<i>Ligustrum japonicum</i>	Japanese privet	Shrub - C,F	<i>Pelargonium peltatum</i>	Ivy geranium	Groundcover/Perennial - C,F
	Wax privet	Shrub - C,F	<i>Pelargonium x hortorum</i>	Zonal geranium	Groundcover/Perennial - C,F
	Yellow tip privet	Shrub - C,F	<i>Pennisetum alopecuroides</i>	Fountain grass	Groundcover/Perennial - C,F
<i>Ligustrum lucidum</i>	Glossy privet	Shrub - C,F	<i>Pennisetum setaceum</i>	Crimson fountain grass	Groundcover/Perennial - C,F
<i>Ligustrum ovalifolium</i>	California privet	Shrub - F	<i>Penstemon gentianoides</i>	Hartwig penstemon	Groundcover/Perennial - C,F
<i>Ligustrum texanum</i>	Howardi privet	Shrub - C,F	<i>Penstemon x 'Apple blossom'</i>	Apple blossom penstemon	Groundcover/Perennial - C,F
	Wax leaf privet	Shrub - C,F	<i>Pentas lanceolata</i>	Star clusters	Groundcover/Perennial - C,F
	Golden privet	Shrub - F	<i>Perovskia atriplicifolia</i>	Russian sage	Groundcover/Perennial - C,F
<i>Ligustrum vicaryi</i>	Vicary golden privet	Shrub - F	<i>Petunia-hybrids</i>	Garden petunias	Groundcover/Perennial - C,F
	Lodense privet	Shrub - C,F	<i>Phalaris arundinacea picta</i>	Ribbon grass	Groundcover/Perennial - C,F
<i>Ligustrum vulgare</i>	Static	Groundcover/Perennial - C,F	<i>Phoenix roebelenii</i>	Pigmy date palm	Shrub - C,F
<i>Limonium perezii</i>	Sweetgum, American	Tree - F	<i>Photinia fraseri</i>	Fraser's photinia	Shrub - C,F
<i>Liquidambar styraciflua</i>	White lily turf	Groundcover/Perennial - C,F	<i>Picea abies</i>	Pendula-weeping Norway spruce	Tree - C,F
<i>Liriope gigantea</i>	Lilac beauty lily turf	Groundcover/Perennial - C,F		Repens-spreading Norway spruce	Tree - C,F
<i>Liriope muscari</i>	Majestic lily turf	Groundcover/Perennial - C,F	<i>Picea glauca</i>	Norway spruce	Tree - C,F
	Monroe white lily turf	Groundcover/Perennial - C,F		Conica-dwarf Alberta spruce	Tree - C,F
	Silvery sunproof lily turf	Groundcover/Perennial - C,F	<i>Picea glauca conica</i>	Dwarf Alberta spruce	Tree - F
	Variiegated liriope lily turf	Groundcover/Perennial - C,F	<i>Picea pungens</i>	Dwarf globe blue spruce	Tree - C,F
	Big blue lily turf	Groundcover/Perennial - C,F		Glauca-Colorado blue spruce	Tree - C,F
	Green/creeping lily turf	Groundcover/Perennial - C,F		Hoopsii-Hoop's blue spruce	Tree - C,F
<i>Liriope spicata</i>	Chinese fountain palm	Shrub - F	<i>Pieris japonica</i>	Koster-Koster blue spruce	Tree - F
<i>Livistona chinensis</i>	Lobelia	Groundcover/Perennial - C,F		Lily-of-the-valley	Shrub - C,F
<i>Lobelia erinus</i>	Sweet alyssum	Groundcover/Perennial - C,F		Mountain fire lily-of-the-valley	Shrub - C,F
<i>Lobularia maritima</i>	Winter honeysuckle	Shrub - C,F		Snowdrift lily-of-the-valley	Shrub - C,F
<i>Lonicera fragrantissima</i>	Japanese honeysuckle	Groundcover/Perennial - F	<i>Pieris japonica forestii</i>	Temple bells lily-of-the-valley	Shrub - C,F
<i>Lonicera japonica</i>	Flowering woodbine	Shrub - C,F	<i>Pinus aristata</i>	Valley rose lily-of-the-valley	Shrub - C,F
<i>Lonicera periclymenum</i>	Serotina woodbine	Shrub - C,F	<i>Pinus canariensis</i>	Valley valentine lily-of-the-valley	Shrub - C,F
	Trumpet honeysuckle	Shrub - C,F	<i>Pinus contorta</i>	Forest flame lily-of-the-valley	Shrub - C,F
<i>Lonicera sempervirens</i>	Fringe flower	Shrub - C,F	<i>Pinus eldarica</i>	Bristlecone pine	Tree - F
<i>Loropetalum chinense</i>	Dotted loosestrife	Groundcover/Perennial - C,F	<i>Pinus leucodermis</i>	Canary Island pine	Tree - F
<i>Lysimachia punctata</i>	Magnolia, southern	Tree - C,F	<i>Pinus mugo</i>	Shore pine, beach pine	Tree - F
<i>Magnolia grandiflora</i>	Dwarf Oregon grape	Shrub - C,F	<i>Pinus mugo</i>	Eldarica pine	Tree - C,F
<i>Mahonia aquifolium 'Compacta'</i>	Leather leaf mahonia	Shrub - C,F	<i>Pinus nigra</i>	Bosnian pine	Tree - C,F
<i>Mahonia bealei</i>	Creeping mahonia	Shrub - C,F	<i>Pinus radiata</i>	Pumilio-shrubby swiss mountain pine	Tree - C,F
<i>Mahonia repens</i>	Stock	Groundcover/Perennial - C,F	<i>Pinus strobus</i>	Mugo-mugho pine	Shrub - C,F
<i>Mathiola incana</i>	Eulalia grass	Groundcover/Perennial - C,F		Austrian black pine	Tree - C,F
<i>Miscanthus sinensis</i>	Bee balm	Groundcover/Perennial - C,F		Monterey pine	Tree - F
<i>Monarda didyma</i>	African iris	Groundcover/Perennial - C,F	<i>Pinus sylvestris</i>	Eastern white pine	Tree - C, F
<i>Moraea iridoides</i>	White mulberry	Tree - F		White pine	Tree - C,F
<i>Morus alba</i>	Banana	Tree - C,F		Columnar Scotch pine	Tree - C,F
<i>Musa aluminata</i>	Wax myrtle	Shrub - C,F	<i>Pinus thunbergiana</i>	Scotch pine	Tree - C,F
<i>Myrica cerifera</i>	Compacta-dwarf heavenly bamboo	Shrub - C,F	<i>Pittosporum tobira</i>	Japanese black pine	Tree - C,F
<i>Nandina domestica</i>	Harbour dwarf-heavenly bamboo	Shrub - C,F		Green pittosporum	Shrub - C,F
	Heavenly bamboo (Nandina)	Shrub - C,F	<i>Platanus occidentalis</i>	Wheeler's dwarf pittosporum	Shrub - C,F
	Nana compacta-heavenly bamboo	Shrub - C,F	<i>Platanus racemosa</i>	American sycamore	Tree - F
	Nana purpurea-heavenly bamboo	Shrub - C,F	<i>Plumbago auriculata</i>	California sycamore	Tree - F
	Woods dwarf-heavenly bamboo	Shrub - C,F	<i>Plumbago capensis</i>	Blue cape plumbago	Shrub - F
<i>Nerium oleander</i>	Hardy red oleander	Shrub - C,F	<i>Podocarpus macrophyllus</i>	Plumbago	Shrub - C,F
	Oleander	Shrub - C,F	<i>Podocarpus spp.</i>	Yewpine	Shrub - C,F
	Ruby lace oleander	Shrub - C,F	<i>Polygala dalmatisiana</i>	Podocarpus	Tree - F
<i>Oenothera speciosa</i>	Siskiyou evening primrose	Groundcover/Perennial - C,F	<i>Polystichum polyblepharum</i>	Sweet pea shrub	Shrub - C,F
<i>Ophiopogon japonicus</i>	Dwarf mondo grass	Groundcover/Perennial - C,F	<i>Populus deltoides</i>	Polystichum polyblepharum	Shrub - C,F
	Mondo grass	Groundcover/Perennial - C,F	<i>Potentilla fragiformis</i>	Cottonwood	Tree - F
<i>Osmanthus fortunei</i>	Fortune's osmanthus	Shrub - C,F		Cinquefoil	Shrub - F
<i>Osteospermum fruticosum</i>	Freeway daisy	Groundcover/Perennial - C,F			

Scientific Name	Common Name	Treatment Method: C = Container Grown; F = Field Grown				
<i>Potentilla fruticosa</i>	Cinquefoil	Shrub - C,F		<i>Rhododendron maximum</i>	Rhodie max (rosebay)	Shrub - C,F
	Gold drop potentilla	Shrub - F		<i>Rhododendron mucronulatum</i>	Rhododendron	Shrub - F
	Goldfinger potentilla	Shrub - C,F		<i>Rhododendron obtusum</i>	Hino-crimson azalea	Shrub - C,F
	Red ace potentilla	Shrub - C,F		<i>Rhododendron ponticum</i>	Chionoides rhododendron	Shrub - C,F
	Sunset potentilla	Shrub - C,F			Daphnoides rhododendron	Shrub - C,F
	Tangerine potentilla	Shrub - C,F		<i>Rhododendron racemosum</i>	Dwarf scarlet wonder rhododendron	Shrub - C,F
	Spring cinquefoil	Shrub - C,F			Tribly rhododendron	Shrub - C,F
	Chilean mesquite	Tree - C,F			Unique rhododendron	Shrub - C,F
	Dwarf pink flowering almond	Shrub - C,F		<i>Rhododendron sassthigiatim x carolinianum</i>	Vulcan rhododendron	Shrub - C,F
	<i>Potentilla verna</i>	Yoshino flowering cherry	Tree - F			
<i>Prosopis chilensis</i>	<i>Lolendéi</i> Monrovia pyracantha	Shrub - C,F		<i>Rhododendron satzuki</i>	Ramapo rhododendron	Shrub - C,F
<i>Prunus glandulosa</i>	Monon pyracantha	Shrub - F			Gumpo pink azalea	Shrub - C,F
<i>Prunus yedoensis</i>	Red elf hybrid pyracantha	Shrub - F			Higasa azalea	Shrub - F
<i>Pyracantha fortuneana</i>	Rutgers hybrid pyracantha	Shrub - C,F		<i>Rhododendron spp. hybrids</i>	Reijn azalea	Shrub - C,F
	Santa Cruz pyracantha	Shrub - C,F			Carror azalea	Shrub - C,F
	Victory pyracantha	Shrub - F			Fashion azalea	Shrub - C,F
	Bear oak	Tree - F			Girard Christina azalea	Shrub - F
<i>Quercus ilicifolia</i>	Pin oak	Tree - F			Girard Roberta azalea	Shrub - C,F
<i>Quercus palustris</i>	Willow oak	Tree - C,F			Golden flare exbury azalea	Shrub - F
<i>Quercus phellos</i>	Red oak	Tree - C,F			Helmut Vogel azalea	Shrub - F
<i>Quercus rubra</i>	Live oak	Tree - C,F			Hershey red azalea	Shrub - F
<i>Quercus virginiana</i>	Mexican hat	Groundcover/Perennial - C,F			Hot shot azalea	Shrub - C,F
<i>Ratbida columnifera</i>	Charisma-Monruce rhaphiolepis	Shrub - C,F			Hume azalea	Shrub - F
<i>Rhaphiolepis indica</i>	Enchantress-Moness rhaphiolepis	Shrub - F			Inga azalea	Shrub - F
	Rhaphiolepis (India hawthorn)	Shrub - C,F		<i>Rhododendron x 'purple gem'</i>	Irene Koster azalea	Shrub - C,F
	Springtime-Monme rhaphiolepis	Shrub - F		<i>Rhus lancea</i>	President Clay azalea	Shrub - C,F
<i>Rhaphiolepis ovata</i>	Roundleaf rhaphiolepis	Shrub - C,F		<i>Rosa rugosa</i>	Traditional azalea	Shrub - C,F
<i>Rhododendron calendulaceum</i>	Cannon's double azalea	Shrub - C,F		<i>Rosmarinus officinalis</i>	Purple gem rhododendron	Shrub - C,F
	Flame azalea	Shrub - F			African sumac	Shrub - C,F
	Golden flare azalea	Shrub - C,F		<i>Rudbeckia fulgida</i>	Ramanas rose	Shrub - C,F
	Klondike azalea	Shrub - C,F		<i>Rudbeckia hirta</i>	Rosemary	Shrub - F
<i>Rhododendron campylocarpum</i>	Butterfly rhododendron	Shrub - F		<i>Ruellia brittoniana</i>	Blackeyed susan	Groundcover/Perennial - C,F
<i>Rhododendron carolinianum x daurium</i>	PJM rhododendron	Shrub - C,F		<i>Salix babylonica</i>	Blackeyed susan	Groundcover/Perennial - C,F
<i>Rhododendron catawbiense</i>	Catawba album rhododendron	Shrub - C,F			Dwarf Katie ruellia	Groundcover/Perennial - C,F
	Catawba rhododendron	Shrub - C,F		<i>Salvia grahamii</i>	Babylon weeping willow	Tree - F
	Lord Roberts rhododendron	Shrub - C,F		<i>Salvia leucantha</i>	Corkscrew willow	Tree - F
	Rocket rhododendron	Shrub - C,F		<i>Sedum x 'Autumn joy'</i>	Graham's sage	Groundcover/Perennial - C,F
<i>Rhododendron caucasicum x ponticum</i>	Cunningham White rhododendron	Shrub - C,F		<i>Sedum x 'Vera Jameson'</i>	Mexican bush sage	Groundcover/Perennial - C,F
<i>Rhododendron exbury</i>	Cannon's double azalea	Shrub - C,F		<i>Senecio cineraria</i>	Autumn joy stonecrop	Groundcover/Perennial - C,F
	Golden flare azalea	Shrub - C,F		<i>Sequoiadendron giganteum</i>	Vera Jameson stonecrop	Groundcover/Perennial - C,F
	Klondike azalea	Shrub - C,F		<i>Skimmia japonica</i>	Dusty-miller/silver ragweed	Shrub - C,F
<i>Rhododendron forrestii repens</i>	Gomer Waterer rhododendron	Shrub - C,F		<i>Skimmia revesiana</i>	Giant sequoia	Tree - F
<i>Rhododendron forrestii x griersonianum</i>	Elizabeth rhododendron	Shrub - C,F		<i>Solanum rantonetii</i>	Japanese skimmia	Shrub - C,F
<i>Rhododendron griffithianum</i>	Jean Marie rhododendron	Shrub - C,F		<i>Spiraea bumalda</i>	Reeve's skimmia	Shrub - C,F
<i>Rhododendron hybrid spp.</i>	America rhododendron	Shrub - C,F		<i>Spiraea japonica</i>	Paraguay nightshade	Shrub - C,F
	English Roseum rhododendron	Shrub - F			Anthony Waterer spiraea	Shrub - C,F
	Nova Zembla rhododendron	Shrub - C,F		<i>Spiraea vanhouttei</i>	Dolchia spiraea	Shrub - C,F
	Scintillation rhododendron	Shrub - C,F		<i>Spiraea x cinerea 'Grefsheim'</i>	Japanese alpine spiraea	Shrub - C,F
<i>Rhododendron impeditum</i>	Rhododendron	Shrub - C,F		<i>Swietenia mahogani</i>	Shirobana spiraea	Shrub - C,F
<i>Rhododendron indica</i>	Formosa azalea	Shrub - C,F		<i>Syringa rothomagensis</i>	Bridal wreath	Shrub - C,F
	Waucubusa azalea	Shrub - C,F		<i>Syringa vulgaris</i>	First snow spiraea	Shrub - C,F
<i>Rhododendron kaempferi</i>	Blue danube azalea	Shrub - C,F		<i>Tabebuia caraba</i>	Mahogany	Tree - F
<i>Rhododendron kerume</i>	Coral bells azalea	Shrub - C,F		<i>Tagetes patula 'Little Hero'</i>	Chinese lilac	Shrub - C,F
	Hino crimson azalea	Shrub - C,F		<i>Taxus cuspidata</i>	Lilac, common	Shrub - F
	Hino pink azalea	Shrub - C,F		<i>Tecomania capensis</i>	Lilac, common	Shrub - F
	Mildred azalea	Shrub - C,F		<i>Ternstroemia gymnanthera</i>	Yellow tab	Tree - F
	Snow azalea	Shrub - C,F			Little hero marigold	Groundcover/Perennial - C,F
					Japanese yew	Shrub - F
					Cape honeysuckle	Shrub - C,F
					Japanese ternstroemia	Shrub - C,F

Scientific Name	Common Name	Treatment Method: C = Container Grown; F = Field Grown	
<i>Thuja occidentalis</i>	Emerald arborvitae	Shrub - C,F	
	Globosa-globe arborvitae	Shrub - C,F	
	Little giant-dwarf arborvitae	Shrub - C,F	
	Nigra-dark American arborvitae	Shrub - C,F	
	Pyramidalis arborvitae	Shrub - C,F	
	Rheingold arborvitae	Shrub - C,F	
	Techny arborvitae	Shrub - F	
	Woodwardii arborvitae	Shrub - C,F	
	<i>Thuja orientalis</i>	Aurea nana-dwarf golden arborvitae	Shrub - C,F
		Minima glauca-dwarf arborvitae	Shrub - C,F
<i>Trachelospermum asiaticum</i>	Asian jasmine	Groundcover/Perennial - C,F	
<i>Tsuga canadensis</i>	Eastern hemlock	Tree - C,F	
<i>Tulbaghia violacea</i>	Society garlic	Groundcover/Perennial - C,F	
<i>Ulmus parvifolia</i>	Chinese elm	Tree - F	
<i>Veitchia merrillii</i>	Christmas palm	Shrub - F	
<i>Verbena peruviana</i>	St. Paul verbena	Groundcover/Perennial - C,F	
<i>Viburnum bodnantense</i>	Pink dawn viburnum	Shrub - C, F	
<i>Viburnum carlesii</i>	Koreanspice viburnum	Shrub - C, F	
<i>Viburnum davidii</i>	David viburnum	Shrub - C, F	
<i>Viburnum japonicum</i>	Viburnum	Shrub - F	
<i>Viburnum juddi</i> (v. <i>X juddii</i>)	Viburnum	Shrub - C, F	
<i>Viburnum lantana</i>	Wayfaring tree	Shrub - F	
<i>Viburnum opulus sterile</i>	Common snowball viburnum	Shrub - F	
<i>Viburnum plicatum tomentosum</i>	Doublefile viburnum	Shrub - C, F	
<i>Viburnum setigerum</i>	Tea viburnum	Shrub - F	
<i>Viburnum tinus 'Compactum'</i>	Spring bouquet viburnum	Shrub - F	
<i>Viburnum trilobum</i>	Cranberry bush	Shrub - C,F	
<i>Viburnum trilobum 'Compactum'</i>	Dwarf cranberry bush	Shrub - C, F	
<i>Viburnum x pragense</i>	Viburnum	Shrub - C,F	
<i>Vinca major</i>	Periwinkle, bigleaf	Groundcover/Perennial - C,F	
<i>Vinca minor</i>	Periwinkle, dwarf	Groundcover/Perennial - F	
<i>Vinca spp.</i>	Periwinkle	Groundcover/Perennial - F	
<i>Washingtonia robusta</i>	Mexican fan palm	Tree - C,F	
<i>Weigela florida</i>	Bristol ruby weigela	Shrub - C,F	
	Java red weigela	Shrub - C,F	
	Minuet weigela	Shrub - C,F	
<i>Xylosma congestum</i>	Xylosma	Shrub - F	
<i>Yucca filamentosa</i>	Yucca	Shrub - C,F	
<i>Zinnia elegans</i>	Dwarf zinnia	Groundcover/Perennial - C,F	

ORNAMENTAL BULBS

Apply Quali-Pro T/I 2.5 G for control of susceptible annual weeds in ornamental bulbs such as bulbous iris, daffodil (*narcissus*), hyacinth, and tulip grown only in landscape settings. Apply Quali-Pro T/I 2.5 G to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. Quali-Pro T/I 2.5 G may also be applied following bulb emergence but prior to flowering and after flowering. For fall-planted bulbs, apply Quali-Pro T/I 2.5 G again in late winter or early spring to weed-free soil surfaces.

Specific Use Precautions:

- Do not use Quali-Pro T/I 2.5 G in bulb production fields.
- Do not apply to tulip plants that have emerged to a height greater than 3/4 inch.
- Do not apply to gladiolus prior to emergence or if corms are less than one inch in diameter.
- Do not apply to bulbs while they are flowering.

SHADEHOUSE AREAS

Quali-Pro T/I 2.5 G may be applied in open shadehouse-type structures where the natural flow of air is unimpeded. Do not apply in enclosed greenhouses or in enclosed shadehouse-type structures. Do not apply within three weeks prior to enclosing greenhouse or poly-type structures.

NON-CROPLAND AREAS

Use Quali-Pro T/I 2.5 G as a preemergence treatment for control of certain broadleaf weeds and annual grasses on non-cropland areas such as industrial sites, utility substations, highway guardrails, sign posts, delineators, etc. Apply Quali-Pro T/I 2.5 G anytime prior to germination of target weeds. Areas to be treated must be free of established weeds or existing weeds controlled with postemergence herbicides.

Refer to the **PRODUCT INFORMATION, APPLICATION INSTRUCTIONS, GRASS AND BROADLEAF WEEDS CONTROLLED OR SUPPRESSED WITH QUALIPRO T/I 2.5 G, and USE PRECAUTIONS AND RESTRICTIONS** sections of this label for more rates, weeds controlled, and other information.

Non-Bearing Fruit and Nut Trees and Non-Bearing Vines (Field Grown)*:

Quali-Pro T/I 2.5 G may be used safely on the following field-grown non-bearing fruit and nut trees and non-bearing vines: almond, apple, apricot, avocado, blackberry, blueberry, boysenberry, cherry (sour & sweet), currant, dewberry, elderberry, fig, filbert, gooseberry, grape (American & European), grapefruit, kiwi, lemon, loganberry, macadamia nut, nectarine, olive, orange, peach, pear, pecan, pistachio, plum, pomegranate, prune, raspberry, walnut (black & English).

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

STORAGE AND DISPOSAL

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

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

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

CONTAINER HANDLING:

Nonrefillable Container (rigid - fifty lbs or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc. election, the replacement of product.

Quali-Pro is a registered trademark of Makhteshim Agan of North America, Inc. Snapshot is a registered trademark of Dow AgroSciences LLC

NOTES

QUALI-PRO[®]

T/I 2.5 G

Herbicide



A broad-spectrum preemergence herbicide for use in Christmas Tree Plantations, Non-Bearing Fruit and Nut Trees, Non-Bearing Vineyards, Non-Cropland, and Ornamentals (container and field grown, groundcovers/perennials, and landscape) for control of certain broadleaf weeds and annual grasses.

Contains isoxaben and trifluralin, the active ingredients used in Snapshot[®] 2.5 TG.

Quali-Pro T/I 2.5 G is not manufactured or distributed by Dow AgroSciences LLC.

ACTIVE INGREDIENT:	% BY WT.
Trifluralin: α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine	2.0%
Isoxaben: N-[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide and isomers	0.5%
OTHER INGREDIENTS:	97.5%
TOTAL:	100.0%

Contains 1.25 lb active ingredient

(1.0 lb trifluralin and 0.25 lb isoxaben) per 50 lb bag

**NET CONTENTS:
50 POUNDS**

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

For additional precautionary, handling, and use statements, see inside of this booklet.

EPA Reg. No. 53883-435

EPA Est. No. 5905-IA-001^{HD}; 37429-GA-001^{BT};
37429-GA-002^{BO}; 48234-GA-001^R

Letter(s) in lot number correspond(s) to superscript in EPA Est. No.



ADAMA

Manufactured for:

**Control
Solutions Inc.**

5903 Genoa-Red Bluff, Pasadena, TX 77507

A member of Adama
Consumer and Professional Solutions

EPA 112310