QUALI-PRO®

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2011-2013 LIC. NO.

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2014-2016 LIC. NO.
8275.66

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-*N*,*N*-dipropyl-*p*-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

EPA Reg. No. 66222-224

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.

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
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.
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 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.
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.	

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

Manufactured for: **Makhteshim Agan of North America, Inc.**
4515 Falls of Neuse Road, Suite 300
Raleigh, NC 27609

FG # 13967

Net Contents: 50 Pounds

13965
EPA 112310/Rev C

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.

(continued)

AGRICULTURAL USE REQUIREMENTS (cont.)

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 infestion, 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 G [1]

Rate	Amount/1000 sq ft		Amount/100 sq ft	
Lbs/Acre	Lbs	Qts	Lbs	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 hand-held 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 shaker-type 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.

	Settings for Warren T-7 II Spreader [1]		
	Target Rate of Quali-Pro T/I 2.5 G		
Speed (mph)	**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/I 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	*Echinochloa crus-galli*
bluegrass, annual	*Poa annua*
crabgrass	*Digitaria* spp.
cupgrass, southwestern	*Eriochloa gracilis*
foxtail, yellow	*Septaria glauca*
junglerice	*Echinochloa colonum*
oat, wild	*Avena fatua*
panicum, fall	*Panicum dichotomifluorum*

sprangletop, Mexican	*Leptochloa univervia*
witchgrass	*Panicum capillare*

Broadleaf Weeds

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

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

Grasses

Common Name	Scientific Name
foxtail, giant	*Seteria faberi*
lovegrass	*Eragrostis* spp.
ryegrass, annual	*Lolium multiflorum*

Broadleaf Weeds

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

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

Grasses

Common Name	Scientific Name
barley, hare	*Hordeum leporinum*
bromegrass	*Bromus* spp.
cheat	*Bromus secalinus*
fescue, rattail	*Vulpia myuros*
goosegrass	*Eleusine indica*
sandbur, field	*Cenchrus incertus*
signalgrass	*Brachiaria* spp.
stinkgrass	*Eragrostis cilianensis*

Broadleaf Weeds

Common Name	Scientific Name
burclover, California	*Medicago polymorpha*
datura	*Datura* spp.
dogfennel	*Eupatorium capillifolium*
eveningprimrose	*Oenothera* spp.
filaree, whitestem	*Erodium moschatum*
goosefoot, nettleleaf	*Chenopodium murale*
jimsonweed	*Datura stramonium*
knotweed, silversheath	*Polygonum argyrocoleon*
kochia	*Kochia scoparia*
medic, black	*Medicago lupulina*
mullein, turkey	*Eremocarpus setigerus*
nettle, burning	*Urtica urens*
nettle, stinging	*Urtica dioica*
oxtongue, bristly	*Picris echioides*
pimpernel, scarlet	*Anagallis arvensis*
sowthistle, spiny	*Sonchus asper*
spurge, petty	*Euphorbia peplus*
spurge, prostrate	*Euphorbia humistrata*
sunflower	*Helianthus* spp.
swinecress	*Coronopus didymus*
thistle, musk	*Carduus nutans*
willoweed, panicle	*Epilobium paniculatum*
woodsorrel, creeping	*Oxalis corniculata*

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

Grasses

Common Name	Scientific Name
johnsongrass (seedling)	*Sorghum halepense*
panicum, Texas	*Panicum texanum*
shattercane	*Sorghum bicolor*

Broadleaf Weeds

Common Name	Scientific Name
bindweed, field	*Convolvulus arvensis*
carpetweed	*Mollugo verticillata*
dock, curly	*Rumex crispus*
mallow, Venice	*Hibiscus trionum*
milkweed, honeyvine	*Ampelamus albidus*
morningglory, tall	*Ipomoea purpurea*
pusley, Florida	*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
Abelia grandiflora	Edward Goucher abelia	Shrub - C,F
	Glossy abelia	Shrub - C,F
Abies balsamea	Fir, balsam	Tree - C,F
Abies concolor	Fir, white	Tree - F
Abutilon hybridum	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
Acacia abyssinica	Abyssinica acacia	Shrub - C,F
Acacia redolens	Acacia, prostrate	Shrub - C,F
Acacia stenophylla	Shoestring acacia	Shrub - C,F
Acalypha wilkesiana	Copper leaf	Shrub - C,F
Acer ginnala	Amur maple	Shrub - C,F
Acer ginnala	Flame maple	Tree - F
Acer palmatum	Coral bark Japanese maple	Shrub - C,F
	Dwarf Japanese maple	Shrub - C,F
Acer rubrum	Red maple	Tree - F
	Red sunset maple	Tree - F
Acer saccharinum	Silver maple	Tree - C,F
Achillea millefolium	Common yarrow	Groundcover/Perennial - C,F
Agapanthus africanus	Queen Anne Lily of the Nile	Shrub - Groundcover/Perennial - C,F
Agapanthus 'Peter pan'	—	Groundcovers/Perennials - C,F
Agave americana	Century plant	Shrub - F
Alsophila australis	Australian tree fern	Tree - C,F
Alstroemeria aurea	Peruvian lily	Groundcover/Perennial - C,F
Ammophila breviligulata	Beechgrass	Groundcover/Perennial - C,F
Anisodontea hypomandarum	Cape mallow	Shrub - C,F
Antirrhinum majus	Snapdragon	Groundcover/Perennial - C,F
Aptenia cordifolia	Red apple aptenia	Shrub - C,F
Arctotheca calendula	Cape weed	Groundcover/Perennial - F
Ardisia japonica	Chirimen marlberry	Shrub - C,F
Areacastrum romanzoffianum	Queen palm	Tree - C,F
Argyranthemum frutescens	Paris daisy	Groundcover/Perennial - C,F
Artemisia schmidtiana	Angels' hair	Groundcover/Perennial - C,F
Asparagus retrofractus	Fern	Groundcover/Perennial - C,F
Asparagus variegata	Tree fern	Groundcover/Perennial - C,F
Aster novae-angliae	New England aster	Groundcover/Perennial - C,F
Aster novi-belgii	New York aster	Groundcover/Perennial - C,F
Asteriscus maritimus	Gold coin daisy	Groundcover/Perennial - C,F
Astilbe arendsii	False spiraea	Shrub - C,F
Astilbe chinensis	Astilbe/false spirea	Shrub - C,F
Astilbe Deutschland	Deutschland astilbe	Groundcover/Perennial - C,F
Athyrium nipponimcum	Japanese painted fern	Shrub - C,F
Baccharis pilularis	Coyotebush	Shrub - F
Begonia cordifolia	Heartleaf begonia	Groundcover/Perennial - C,F
Begonia semperflorens	White ambassador begonia	Groundcover/Perennial - C,F
Berberis gladwynensii	William Penn barberry	Shrub - C,F
Berberis mentorensis	Mentor barberry	Shrub - C,F
Berberis thunbergii	Aurea-golden Japanese barberry	Shrub - F
	Crimson pygmy barberry	Shrub - C,F
	Rose glow barberry	Shrub - C,F
	Atropurea-redleaf Japanese barberry	Shrub - F
	Cherry bomb barberry	Shrub - C,F
Betula nigra	River birch	Tree - C,F
Betula papyrifera	Paper birch	Tree - F
Bidens ferulifolia	Peter's gold bidens	Groundcover/Perennial - C,F
Bougainvillea spp.	Barbara Karst	Shrub - C,F
	California gold	Shrub - C,F
	Pink pixie	Shrub - C,F
	Scarlet O'Hara	Shrub - C,F
	Temple fire	Shrub - C,F
	Texas dawn	Shrub - C,F
Brachychiton populneus	Bottle tree	Tree - C,F
Brachycome x 'New amethyst'	Swan river daisy new amethyst	Groundcover/Perennial - C,F
Bucida buceras	Black olive	Tree - F
Buxus microphylla japonica	Japanese boxwood	Shrub - C,F
Buxus microphylla koreana	Korean boxwood	Shrub - F
Buxus sempervirens	Common boxwood	Shrub - C,F
Buxus x 'Green velvet'	Green velvet boxwood	Shrub - C,F
Callistemon citrinus	Lemon bottlebrush	Shrub - F
Callistemon viminalis	Weeping bottlebrush	Shrub - C,F
Callistepheus chinensis	China aster	Groundcover/Perennial - C,F
Calluna vulgaris	Spring torch Scotch heather	Shrub - C,F
Camellia japonica	Camellia	Shrub - C,F
Carex spp.	Sedge	Groundcover/Perennial - C,F
Carpobrotus edulis	Largeleaf ice plant	Groundcover/Perennial - F
Caryopteris x clandonen	Dark knight bluebeard	Shrub - C,F
Cassia artemisioides	Feathery cassia	Shrub - C,F
Catharanthus roseus	Madagascar periwinkle	Groundcover/Perennial - C,F
Ceanothus spp.	Wild lilac	Shrub - F
Cephalotaxus drupacae	Plum yew	Shrub - C,F
Cerastium tomentosum	Snow in the summer	Groundcover/Perennial - C,F
Cerastium tomentosum	Snow-in-summer	Shrub - C,F
Ceratonia siliqua	Carob	Tree - F
Ceratostigma plumbaginoides	Dwarf plumbago	Groundcover/Perennial - C,F
Cercis canadensis	Redbud	Tree - C,F
Chamaecyparis obtusa	Filicoides-fernspray cypress	Tree - F
	Gracilis-slender Hinoki cypress	Tree - F
Chamaecyparis obtusa	Kosteri cypress	Shrub - C,F
	Nana-dwarf Hinoki cypress	Shrub - C,F
	Torulosa cypress	Shrub - C,F
Chamaecyparis pisifera	Sawara-false cypress	Tree - F
	Squarrosa-moss cypress	Tree - F
Chamaecyparis pisifera	Baileyi-dogwood	Shrub - F
	Flaviramea-dogwood	Shrub - F
	Squarrosa minima cypress	Shrub - C,F
Chamaecyparis pisifera spp.	Filifera-thread cypress	Shrub - C,F

Scientific Name	Common Name	Treatment Method: C = Container Grown; F = Field Grown
Chamaedorea cataractarum	Cat palm	Tree - F
	Palm	Tree - C,F
Chamaedorea costaricana	Palm	Tree - C,F
Chamaedorea elegans	Parlor palm	Tree - C,F
Chrysalidocarpus lutescens	Areca palm	Shrub - F
Chrysanthemum morifolium	Florist's chrysanthemum	Groundcover/Perennial - C,F
Chrysanthemum sp.	Chrysanthemum species	Groundcover/Perennial - C,F
Clematis integrifolia caerulea	Blue bell clematis	Groundcover/Perennial - C,F
Clethra alnifolia	Summersweet	Shrub - C,F
Cleyera japonica	Japanese cleyera	Shrub - C,F
Clivia miniata	Kafir lily	Groundcover/Perennial - C,F
Colonema pulchrum	Pink breath of heaven	Shrub - C,F
Convolvulus cneorum	Bush morning glory	Shrub - C,F
Coreopsis verticillata	Threadleaf coreopsis	Groundcover/Perennial - C,F
Cornus alba	Sibirica-Siberian dogwood	Shrub - C,F
Cornus florida	Cloud nine dogwood	Tree - C,F
	Dogwood, flowering	Tree - C,F
Cornus stolonifera	Baileyi-redosier dogwood	Shrub - F
	Flaviramea-yellowtwig dogwood	Shrub - F
Cortaderia selloana	Pampas grass	Groundcover/Perennial - C,F
Cotinus coggygria	Royal purple smoke tree	Shrub - C,F
Cotinus dammeri	Coral beauty smoke tree	Shrub - C,F
	Eichholz smoke tree	Shrub - C,F
Cotoneaster adpressus	Praecox-early cotoneaster	Shrub - C,F
Cotoneaster apiculatus	Cranberry cotoneaster	Shrub - C,F
Cotoneaster congestus	Pyrenees cotoneaster	Shrub - C,F
Cotoneaster dammeri	Bearberry cotoneaster	Shrub - C,F
Cotoneaster himalayan	Himalayan cotoneaster	Shrub - C,F
Cotoneaster horizontalis	Rock cotoneaster	Shrub - C,F
Cotoneaster opiculata	Cotoneaster	Shrub - C,F
Crataegus viridis	Green hawthorn	Tree - F
Cryptomeria japonica	Japanese cryptomeria	Tree - C,F
Cupaniopsis anacardioides	Carrot wood	Tree - F
Cuphea hyssopifolia	False or Mexican heather	Groundcover/Perennial - C,F
Cupressocyparis x 'Emerald Isle'	Emerald Island leyland cypress	Tree - C,F
Cupressus arizonica	Arizona cypress	Tree - F
Cupressus glabra	Arizona cypress	Tree - F
Cupressus sempervirens	Italian cypress	Tree - C,F
Cycas revoluta	Sago palm	Shrub - C,F
Cyperus albostriatus	Dwarf umbrella grass	Groundcover/Perennial - C,F
Cytisus praecox	Hollandia-warminster broom	Shrub - C,F
Cytisus scoparius	Lena-Scotch broom	Shrub - C,F
Cytisus spp.	Holandia-Scotch broom	Shrub - F
Dahlia x 'Royal Dahlietta pink'	Dwarf dahlia wendy pink	Groundcover/Perennial - C,F
Daphne odora	Fragrant daphne	Shrub - C,F
Delosperma alba	White Iceplant	Groundcover/Perennial - F
Descampsia caespitosa	Descampsia	Groundcover/Perennial - C,F
Deutzia crenata	Nakiana-dwarf deutzia	Shrub - C,F
Deutzia gracilis	Slender gracilis	Shrub - C,F
Dianthus gratianopolitanus	Crimson treasure cheddar pink	Groundcover/Perennial - C,F
DIcksonia antarctica	Tasmanian tree fern	Tree - C,F
Dietes vegeta	Fortnight lily	Groundcover/Perennial - C,F
Dodonea viscosa	Hopseed bush	Shrub - F
Drosanthemum floribundum	Trailing rosea iceplant	Groundcover/Perennial - F
Drosantheumum hispidum	Iceplant	Groundcover/Perennial - C,F
Elaeagnus angustifolia	Russian olive	Tree - C,F
Elaeagnus x 'Gilt edge'	Gilt edge silverberry	Tree - C,F
Elaeagnus pungens	Fruitland silver berry	Shrub - C,F
Ensete ventricosum	Red absynnian banana	Groundcover/Perennial - C,F
Equisetum scirpoides	Dwarf horsetail	Groundcover/Perennial - C,F
Erianthus ravennae	Hardy pampasgrass	Groundcover/Perennial - C,F
Erica cinerea	Purple bell heather	Shrub - C,F
Erica vagans	Cornish heather	Shrub - C,F
Erica x darleyensa	Mediterranean pink heather	Shrub - C,F
Erysiumum 'Bowles mauve'	Wallflower	Groundcover/Perennial - C,F
Eucalyptus camaldulensis	Red gum eucalyptus	Tree - F
Eucalyptus cinerea	Eucalyptus, mealy	Tree - F
	Silver dollar eucalyptus	Tree - F
Eucalyptus microtheca	Coolibah tree	Tree - C, F
Eucalyptus sideroxylon	Eucalyptus, red ironbark	Tree - F
Eugenia myrtifolia	Dwarf brush cherry	Shrub - C,F
Euonymus fortunei	Canadale gold euonymus	Shrub - C,F
	Emerald 'n gold euonymus	Shrub - F
	Sunspot euonymus	Shrub - C,F
Euonymus japonica	Silver king euonymus	Shrub - F
	Variegated evergreen euonymus	Shrub - C, F
Euonymus kiautschovica	Spreading euonymus	Shrub - C,F
Euonymus vegetus	Bigleaf wintercreeper	Shrub - C,F
Euonymus x 'Aureao variegatus'	Gold spot euonymus	Shrub - C,F
Euonymus x 'Chollipo'	Chollipo euonymus	Shrub - C,F
Euryops pectinatus	Dwarf euryops	Groundcover/Perennial - C,F
Euryops pectinatus	Dwarf euryops	Shrub - C,F
Eustoma grandiflorum	Pink lisianthus	Groundcover/Perennial - C,F
Fatshedera japonica	——	Shrub - C,F
Fatsia japonica	Japanese aralia	Shrub - C,F
Felicia amelloides	Blue marguerite	Shrub - C,F
Festuca ovina glauca	Blue fescue	Groundcover/Perennial - C,F
Ficus benjamina	Ficus	Tree - C,F
	Mini ficus	Tree - C,F
Forsythia intermedia	Forsythia, border	Shrub - C,F
Forsythia x 'Spring glory'	Spring glory forsythia	Shrub - C,F
Fraxinus udhei	Shamel ash	Tree - C,F
Fuchsia x 'Santa Claus'	Santa Claus fuchsia	Groundcover/Perennial - C,F
Gaillardia aristata	Blanket flower	Groundcover/Perennial - C,F
Gaillardia x grandiflora	Goblin blanket flower	Groundcover/Perennial - C,F
Gardenia jasminoides	August beauty gardenia	Shrub - C,F
	Gardenia	Shrub - C,F
	Radican gardenia	Shrub - C,F
Gaultheria shallon	Salal/lemon leal	Shrub - C,F
Gaura lindheimeri	Guara	Groundcover/Perennial - C,F
Gazania rigens leucolaena	Gazania, trailing	Groundcover/Perennial - C,F
Gazania spp.	Gazania	Groundcover/Perennial - C,F
Gelsemium sempervirens	Carolina jessamine	Shrub - C,F
Genista pilosa	Woadwaxen	Shrub - C,F
Geranium incanum	Cranesbill	Groundcover/Perennial - C,F
Geranium subcaulescens	Black-eyed magenta cranesbill	Groundcover/Perennial - C,F
Ginkgo biloba	Ginkgo (Maidenhair tree)	Tree - F
Gleditsia triacanthos	Honey locust	Tree - F
	Shademaster honey locust	Tree - F
Hakonechloa macroaureola	Golden hakonechloa	Groundcover/Perennial - C,F
Hedera canariensis	Algerian ivy	Groundcover/Perennial - F
Hedera helix	English ivy	Groundcover/Perennial - C,F
Helichrysum petiolatum	White licorice plant	Groundcover/Perennial - C,F
Hemerocallis spp.	Daylily	Groundcover/Perennial - C,F
Hesperaloe parvifolia	Red yucca	Groundcover/Perennial - C,F
Heteromeles arbutiflora	Toyon	Tree - F
Heuchera americana	Palace purple	Groundcover/Perennial - C,F
Heuchera micrantha	Coral bells	Groundcover/Perennial - C,F
Hibiscus rosa-sinensis	Ross Estey-hibiscus	Shrub - C,F

Scientific Name	Common Name	Treatment Method: C = Container Grown; F = Field Grown
Hibiscus syriacus	Rose of Sharon, red bird	Shrub - C,F
	Rose of Sharon, red heart	Shrub - F
	Rose of Sharon, woodbridge	Shrub - C,F
	Rose of Sharon, Aphrodite	Shrub - C,F
	Rose of Sharon, Helene	Shrub - C,F
Hippeastrum hybrid	Amaryllis	Groundcover/Perennial - C,F
Hosta 'Francee'	Francee plantain lily	Groundcover/Perennial - C,F
Hosta lancifolia	Albo-marginata hosta	Groundcover/Perennial - C,F
Hosta x 'Patriot'	Patriot plantain lily	Groundcover/Perennial - C,F
Hymenoxys acaulis	Angelita daisy	Groundcover/Perennial - C,F
Hypericum spp.	St. Johnswort	Groundcover/Perennial - C,F
Ilex aquifolium	Balkans holly	Shrub - F
	Gold coast holly	Shrub - F
Ilex aquipernyi	San Jose holly	Shrub - C,F
Ilex attenuata	Savannah holly	Shrub - C,F
Ilex cornuta	Burford holly	Shrub - C,F
	Dwarf burford holly	Shrub - C,F
	Needle point holly	Shrub - C,F
Ilex crenata	Compacta-dwarf Japanese holly	Shrub - C,F
	Convexa holly	Shrub - C,F
	Dwarf Chinese holly	Shrub - C,F
	Green luster holly	Shrub - C,F
	Helleri-Heller's Japanese holly	Shrub - C,F
	Hetzii's Japanese holly	Shrub - C,F
	Stokesii Japanese holly	Shrub - C,F
Ilex glabra	Compacta-compact inkberry holly	Shrub - C,F
	Nordica-inkberry holly	Shrub - C,F
Ilex x meserveae	Blue boy holly	Shrub - C,F
	Blue girl holly	Shrub - C,F
	China boy holly	**Shrub**
	China girl holly	**Shrub**
	Ebony magic holly	Shrub - F
Ilex vomitoria	Nana-dwarf yaupon holly	Shrub - C,F
	Pendula-weeping yaupon holly	Shrub - C,F
	Yaupon holly	Shrub - C,F
Illicium annisatum	Mystery gardenia	Shrub - C,F
Illicium floridanum	Florida anise-tree	Tree - C,F
Impatiens wallerana	Busy lizzie	Groundcover/Perennial - C,F
Iris pumila	Yellow dwarf bearded iris	Groundcover/Perennial - C,F
Iris siberica	Blue Siberian iris	Groundcover/Perennial - C,F
Itea ilicifolia	Henry Garnet holly leaf sweetspire	Shrub - C,F
Ixora collinea	Ixora	Shrub - C,F
Jasminum nitidum	Angelwing jasmine	Groundcover/Perennial - C,F
Juniperus chinensis	Hollywood juniper	Shrub - C,F
	Media-old gold juniper	Shrub - C,F
	Pfitzer juniper	Shrub - C,F
	Pfitzerana glauca-blue juniper	Shrub - C,F
	Pfitzerana-pfitzer juniper	Shrub - C,F
	Sea green juniper	Shrub - F
	Torulosa-hollywood juniper	Shrub - C,F
Juniperus conferta	Emerald sea shore juniper	Shrub - C,F
	Shore juniper	Shrub - C,F
Juniperus horizontalis	Andorra juniper	Shrub - C,F
	Bar harbor juniper	Shrub - C,F
	Blue chip juniper	Shrub - C,F
	Blue rug juniper	Shrub - C,F
	Creeping juniper	Shrub - C,F
	Dwarf Andorra juniper	Shrub - C,F
	Huntington blue juniper	Shrub - C,F
	Plumosa-andorra juniper	Shrub - C,F
	Wiltonii-blue carpet juniper	Shrub - C,F
Juniperus procumbens	Nana-dwarf Japanese Garden juniper	Shrub - C, F
Juniperus prostrata	Prostrata juniper	Shrub - C,F
Juniperus sabina	Broadmoor juniper	Shrub - C,F
	Foemina-hicks juniper	Shrub - C,F
	Savin juniper	Shrub - C,F
	Tamariscifolia-tam juniper	Shrub - C,F
Juniperus scopulorum	Emerald green juniper	Shrub - F
Juniperus squamata	Blue juniper	Shrub - C,F
	Blue star juniper	Shrub - C,F
	Parsonii juniper	Shrub - C,F
Juniperus virginiana	Eastern redcedar	Tree - C,F
Kalmia latifolia	Mountain laurel	Shrub - C,F
Lagerstroemia indica	Crape myrtle	Shrub - C,F
Lampranthus spectabilis	Trailing iceplant	Groundcover/Perennial - F
Lantana spp.	Lantana	Shrub - C,F
Lavandula angustifolia	English lavender	Shrub - C,F
Lavandula latifolia	English spike lavender	Shrub - C,F
Lavandula officianalis	English lavender	Shrub - C,F
Leptospermum scoparium	Broom teatree/manuka	Groundcover/Perennial - C,F
Leptospermum scoparium	New Zealand tea tree	Shrub - C,F
Leucothoe axillaris	Coast leucothoe	Shrub - C,F
Leucothoe fontanesiana	Drooping leucothoe	Shrub - C,F
Liatris spicata	Gay feather	Groundcover/Perennial - C,F
Ligustrum japonicum	Japanese privet	Shrub - C,F
	Wax privet	Shrub - C,F
	Yellow tip privet	Shrub - C,F
Ligustrum lucidum	Glossy privet	Shrub - C,F
Ligustrum ovalifolium	California privet	Shrub - F
Ligustrum texanum	Howardi privet	Shrub - C,F
	Wax leaf privet	Shrub - C,F
Ligustrum vicaryi	Golden privet	Shrub - F
	Vicary golden privet	Shrub - F
Ligustrum vulgare	Lodense privet	Shrub - C,F
Limonium perezii	Statice	Groundcover/Perennial - C,F
Liquidambar styraciflua	Sweetgum, American	Tree - F
Liriope gigantea	White lily turf	Groundcover/Perennial - C,F
Liriope muscari	Lilac beauty lily turf	Groundcover/Perennial - C,F
	Majestic lily turf	Groundcover/Perennial - C,F
	Monroe white lily turf	Groundcover/Perennial - C,F
	Silvery sunproof lily turf	Groundcover/Perennial - C,F
	Variegated liriope lily turf	Groundcover/Perennial - C,F
	Big blue lily turf	Groundcover/Perennial - C,F
Liriope spicata	Green/creeping lily turf	Groundcover/Perennial - C,F
Livistona chinensis	Chinese fountain palm	Shrub - F
Lobelia erinus	Lobelia	Groundcover/Perennial - C,F
Lobularia maritima	Sweet alyssum	Groundcover/Perennial - C,F
Lonicera fragrantissima	Winter honeysuckle	Shrub - C,F
Lonicera japonica	Japanese honeysuckle	Groundcover/Perennial - F
Lonicera periclymenum	Flowering woodbine	Shrub - C,F
	Serotina woodbine	Shrub - C,F
Lonicera sempervirens	Trumpet honeysuckle	Shrub - C,F
Loropetalum chinense	Fringe flower	Shrub - C,F
Lysimachia punctata	Dotted loosestrife	Groundcover/Perennial - C,F
Magnolia grandiflora	Magnolia, southern	Tree - C,F
Mahonia aquifolium 'Compacta'	Dwarf Oregon grape	Shrub - C,F
Mahonia bealei	Leather leaf mahonia	Shrub - C,F
Mahonia repens	Creeping mahonia	Shrub - C,F
Mathiola incana	Stock	Groundcover/Perennial - C,F
Miscanthus sinensis	Eulalia grass	Groundcover/Perennial - C,F
Monarda didyma	Bee balm	Groundcover/Perennial - C,F
Moraea iridioides	African iris	Groundcover/Perennial - C, F
Morus alba	White mulberry	Tree - F

Scientific Name	Common Name	Treatment Method: C = Container Grown; F = Field Grown
Musa aluminata	Banana	Tree - C,F
Myrica cerifera	Wax myrtle	Shrub - C,F
Nandina domestica	Compacta-dwarf heavenly bamboo	Shrub - C,F
	Harbour dwarf-heavenly bamboo	Shrub - C,F
	Heavenly bamboo (Nandina)	Shrub - C,F
	Nana compacta-heavenly bamboo	Shrub - C,F
	Nana purpurea-heavenly bamboo	Shrub - C,F
	Woods dwarf-heavenly bamboo	Shrub - C,F
Nerium oleander	Hardy red oleander	Shrub - C,F
	Oleander	Shrub - C,F
	Ruby lace oleander	Shrub - C,F
Oenothera speciosa	Siskiyou evening primrose	Groundcover/Perennial - C,F
Ophiopogon japonicus	Dwarf mondo grass	Groundcover/Perennial - C,F
	Mondo grass	Groundcover/Perennial - C,F
Osmanthus fortunei	Fortune's osmanthus	Shrub - C,F
Osteospermum fruticosum	Freeway daisy	Groundcover/Perennial - C,F
Oxydendrum arboreum	Sourwood	Tree - C,F
Pachysandra terminalis	Japanese spurge	Groundcover/Perennial - C,F
Pachysandra terminalis	Japanese spurge	Shrub - C,F
Parthenocissus quinguefolia	Virginia creeper	Groundcover/Perennial - C,F
Pelargonium peltatum	Ivy geranium	Groundcover/Perennial - C,F
Pelargonium x hortorum	Zonal geranium	Groundcover/Perennial - C,F
Pennisetum alopecuroides	Fountain grass	Groundcover/Perennial - C,F
Pennisetum setaceum	Crimson fountain grass	Groundcover/Perennial - C,F
Penstemon gentianoides	Hartwig penstemon	Groundcover/Perennial - C,F
Penstemon x 'Apple blossom'	Apple blossom penstemon	Groundcover/Perennial - C,F
Pentas lanceolata	Star clusters	Groundcover/Perennial - C,F
Perovskia atriplicifolia	Russian sage	Groundcover/Perennial - C,F
Petunia-hybrids	Garden petunias	Groundcover/Perennial - C,F
Phalaris arundinacea picta	Ribbon grass	Groundcover/Perennial - C,F
Phoenix roebelenii	Pigmy date palm	Shrub - C,F
Photinia fraseri	Fraser's photinia	Shrub - C,F
Picea abies	Pendula-weeping Norway spruce	Tree - C,F
	Repens-spreading Norway spruce	Tree - C,F
	Norway spruce	Tree - C,F
Picea glauca	Conica-dwarf Alberta spruce	Tree - C,F
Picea glauca conica	Dwarf Alberta spruce	Tree - F
Picea pungens	Dwarf globe blue spruce	Tree - C,F
	Glauca-Colorado blue spruce	Tree - C,F
	Hoopsii-Hoop's blue spruce	Tree - C,F
	Koster-Koster blue spruce	Tree - F
Pieris japonica	Lily-of-the-valley	Shrub - C,F
	Mountain fire lily-of-the-valley	Shrub - C,F
	Snowdrift lily-of-the-valley	Shrub - C,F
	Temple bells lily-of-the-valley	Shrub - C,F
	Valley rose lily-of-the-valley	Shrub - C,F
	Valley valentine lily-of-the-valley	Shrub - C,F
Pieris japonica forestii	Forest flame lily-of-the-valley	Shrub - C,F
Pinus aristata	Bristlecone pine	Tree - F
Pinus canariensis	Canary Island pine	Tree - F
Pinus contorta	Shore pine, beach pine	Tree - F
Pinus eldarica	Eldarica pine	Tree - C,F
Pinus leucodermis	Bosnian pine	Tree - C,F
Pinus mugo	Pumilio-shrubby swiss mountain pine	Tree - C,F
Pinus mugo	Mugo-mugho pine	Shrub - C,F
Pinus nigra	Austrian black pine	Tree - C,F
Pinus radiata	Monterey pine	Tree - F
Pinus strobus	Eastern white pine	Tree - C, F
	White pine	Tree - C,F
Pinus sylvestris	Columnar Scotch pine	Tree - C,F
	Scotch pine	Tree - C,F
Pinus thunbergiana	Japanese black pine	Tree - C,F
Pittosporum tobira	Green pittosporum	Shrub - C,F
	Wheeler's dwarf pittosporum	Shrub - C,F
Platanus occidentalis	American sycamore	Tree - F
Platanus racemosa	California sycamore	Tree - F
Plumbago auriculata	Blue cape plumbago	Shrub - F
Plumbago capensis	Plumbago	Shrub - C,F
Podocarpus macrophyllus	Yewpine	Shrub - C,F
Podocarpus spp.	Podocarpus	Tree - F
Polygala dalmaisiana	Sweet pea shrub	Shrub - C,F
Polystichum polyblepharum	Tassel fern	Shrub - C,F
Populus deltoides	Cottonwood	Tree - F
Potentilla fragiformis	Cinquefoil	Shrub - F
Potentilla fruticosa	Cinquefoil	Shrub - C,F
	Gold drop potentilla	Shrub - F
	Goldfinger potentilla	Shrub - C,F
	Red ace potentilla	Shrub - C,F
	Sunset potentilla	Shrub - C,F
	Tangerine potentilla	Shrub - C,F
Potentilla verna	Spring cinquefoil	Shrub - C,F
Prosopis chilensis	Chilean mesquite	Tree - C,F
Prunus glandulosa	Dwarf pink flowering almond	Shrub - C,F
Prunus yedoensis	Yoshino flowering cherry	Tree - F
Pyracantha fortuneana	Lolendei Monrovia pyracantha	Shrub - C,F
	Monon pyracantha	Shrub - F
	Red elf hybrid pyracantha	Shrub - F
	Rutgers hybrid pyracantha	Shrub - C,F
	Santa Cruz pyracantha	Shrub - C,F
	Victory pyracantha	Shrub - F
Quercus ilicifolia	Bear oak	Tree - F
Quercus palustris	Pin oak	Tree - F
Quercus phellos	Willow oak	Tree - C,F
Quercus rubra	Red oak	Tree - C,F
Quercus virginiana	Live oak	Tree - C,F
Ratbida columnifera	Mexican hat	Groundcover/Perennial - C,F
Rhaphiolepis indica	Charisma-Monruce rhaphiolepis	Shrub - C,F
	Enchantress-Moness rhaphiolepis	Shrub - F
	Rhaphiolepis (India hawthorn)	Shrub - C,F
	Springtime-Monme rhaphiolepis	Shrub - F
Rhaphiolepis ovata	Roundleaf rhaphiolepis	Shrub - C,F
Rhododendron calendulaceum	Cannon's double azalea	Shrub - C,F
	Flame azalea	Shrub - F
	Golden flare azalea	Shrub - C,F
	Klondike azalea	Shrub - C,F
Rhododendron campylocarpum	Butterfly rhododendron	Shrub - F
Rhododendron carolinianum x daurium	PJM rhododendron	Shrub - C,F
Rhododendron catawbiense	Catawba album rhododendron	Shrub - C,F
	Catawba rhododendron	Shrub - C,F
	Lord Roberts rhododendron	Shrub - C,F
	Rocket rhododendron	Shrub - C,F
Rhododendron caucasium x ponticum	Cunningham White rhododendron	Shrub - C,F
Rhododendron exbury	Cannon's double azalea	Shrub - C,F
	Golden flare azalea	Shrub - C,F
	Klondike azalea	Shrub - C,F
Rhododendron forrestii repens	Gomer Waterer rhododendron	Shrub - C,F
Rhododendron forrestii x griersonianum	Elizabeth rhododendron	Shrub - C,F
Rhododendron griffithianum	Jean Marie rhododendron	Shrub - C,F

Scientific Name	Common Name	Treatment Method: C = Container Grown; F = Field Grown
Rhododendron hybrid spp.	America rhododendron	Shrub - C,F
	English Roseum rhododendron	Shrub - F
	Nova Zembla rhododendron	Shrub - C,F
	Scintillation rhododendron	Shrub - C,F
Rhododendron impeditum	Rhododendron	Shrub - C,F
Rhododendron indica	Formosa azalea	Shrub - C,F
	Waucabusa azalea	Shrub - C,F
Rhododendron kaempferi	Blue danube azalea	Shrub - C,F
Rhododendron kerume	Coral bells azalea	Shrub - C,F
	Hino crimson azalea	Shrub - C,F
	Hino pink azalea	Shrub - C,F
	Mildred azalea	Shrub - C,F
	Snow azalea	Shrub - C,F
Rhododendron maximum	Rhodie max (rosebay)	Shrub - C,F
Rhododendron mucronulatum	Rhododendron	Shrub - F
Rhododendron obtusum	Hino-crimsom azalea	Shrub - C,F
Rhododendron ponticum	Chioniodes rhododendron	Shrub - C,F
	Daphinoides rhododendron	Shrub - C,F
Rhododendron racemosum	Dwarf scarlet wonder rhododendron	Shrub - C,F
	Tribly rhododendron	Shrub - C,F
	Unique rhododendron	Shrub - C,F
	Vulcan rhododendron	Shrub - C,F
Rhododendron sassthigiatim x carolinianum	Ramapo rhododendron	Shrub - C,F
Rhododendron satuski	Gumpo pink azalea	Shrub - C,F
	Higasa azalea	Shrub - F
	Reijn azalea	Shrub - C,F
Rhododendron spp. *hybrids*	Carror azalea	Shrub - C,F
	Fashion azalea	Shrub - C,F
	Girard Christina azalea	Shrub - F
	Girard Roberta azalea	Shrub - C,F
	Golden flare exbury azalea	Shrub - F
	Helmut Vogel azalea	Shrub - F
	Hershey red azalea	Shrub - F
	Hot shot azalea	Shrub - C,F
	Hume azalea	Shrub - F
	Inga azalea	Shrub - F
	Irene Koster azalea	Shrub - C,F
	President Clay azalea	Shrub - C,F
	Traditional azalea	Shrub - C,F
Rhododendron x 'purple gem'	Purple gem rhododendron	Shrub - C,F
Rhus lancea	African sumac	Shrub - C,F
Rosa rugosa	Ramanas rose	Shrub - C,F
Rosmarinus officinalis	Rosemary	Shrub - F
Rudbeckia fulgida	Blackeyed susan	Groundcover/Perennial - C,F
Rudbeckia hirta	Blackeyed susan	Groundcover/Perennial - C,F
Ruellia brittoniana	Dwarf Katie ruellia	Groundcover/Perennial - C,F
Salix babylonica	Babylon weeping willow	Tree - F
	Corkscrew willow	Tree - F
Salvia grahamii	Graham's sage	Groundcover/Perennial - C,F
Salvia leucantha	Mexican bush sage	Groundcover/Perennial - C,F
Sedum x 'Autumn joy'	Autumn joy stonecrop	Groundcover/Perennial - C,F
Sedum x 'Vera Jameson'	Vera Jameson stonecrop	Groundcover/Perennial - C,F
Senecio cineraria	Dusty-miller/silver ragweed	Shrub - C,F
Sequoiadendron giganteum	Giant sequoia	Tree - F
Skimmia japonica	Japanese skimmia	Shrub - C,F
Skimmia revesiana	Reeve's skimmia	Shrub - C,F
Solanum rantonetii	Paraguay nightshade	Shrub - C,F
Spiraea bumalda	Anthony Waterer spiraea	Shrub - C,F
Spiraea japonica	Dolchia spiraea	Shrub - C,F
	Japanese alpine spiraea	Shrub - C,F
	Shirobana spiraea	Shrub - C,F
Spiraea vanhouttei	Bridal wreath	Shrub - C,F
Spiraea x cinerea 'Grefsheim'	First snow spiraea	Shrub - C,F
Swietenia mahogani	Mahogany	Tree - F
Syringa rothomagensis	Chinese lilac	Shrub - C,F
Syringa vulgaris	Lilac, common	Shrub - F
Tabebuia caraiba	Yellow tab	Tree - F
Tagetes patula 'Little Hero'	Little hero marigold	Groundcover/Perennial - C,F
Taxus cuspidata	Japanese yew	Shrub - F
Tecomaria capensis	Cape honeysuckle	Shrub - C,F
Ternstroemia gymnanthera	Japanese ternstroemia	Shrub - C,F
Thuja occidentalis	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
Thuja orientalis	Aureus nana-dwarf golden arborvitae	Shrub - C,F
	Minima glauca-dwarf arborvitae	Shrub - C,F
Trachelospermum asiaticum	Asian jasmine	Groundcover/Perennial - C,F
Tsuga canadensis	Eastern hemlock	Tree - C,F
Tulbaghia violacea	Society garlic	Groundcover/Perennial - C,F
Ulmus parvifolia	Chinese elm	Tree - F
Veitchia merrilli	Christmas palm	Shrub - F
Verbena peruviana	St. Paul verbena	Groundcover/Perennial - C,F
Viburnum bodnantense	Pink dawn viburnum	Shrub - C, F
Viburnum carlesii	Koreanspice viburnum	Shrub - C, F
Viburnum davidii	David viburnum	Shrub - C, F
Viburnum japonicum	Viburnum	Shrub - F
Viburnum judd (v. X juddii)	Viburnum	Shrub - C, F
Viburnum lantana	Wayfaring tree	Shrub - F
Viburnum opulus sterile	Common snowball viburnum	Shrub - F
Viburnum plicatum tomentosum	Doublefile viburnum	Shrub - C, F
Viburnum setigerum	Tea viburnum	Shrub - F
Viburnum tinus 'Compactum'	Spring bouquet viburnum	Shrub - F
Viburnum trilobum	Cranberry bush	Shrub - C,F
Viburnum trilobum 'Compactum'	Dwarf cranberry bush	Shrub - C, F
Viburnum x pragense	Viburnum	Shrub - C,F
Vinca major	Periwinkle, bigleaf	Groundcover/Perennial - C,F
Vinca minor	Periwinkle, dwarf	Groundcover/Perennial - F
Vinca spp.	Periwinkle	Groundcover/Perennial - F
Washingtonia robusta	Mexican fan palm	Tree - C,F
Weigela florida	Bristol ruby weigela	Shrub - C,F
	Java red weigela	Shrub - C,F
	Minuet weigela	Shrub - C,F
Xylosma congestum	Xylosma	Shrub - F
Yucca filamentosa	Yucca	Shrub - C,F
Zinnia elegans	Dwarf zinnia	Groundcover/Perennial - C,F

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.**

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 QUALI-PRO T/I 2.5 G, and USE PRECAUTIONS AND RESTRICTIONS** sections of this label for more rates, weeds controlled, and other information.

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 (flexible-bag-all weights): Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of in a sanitary landfill, or by incineration in accordance with applicable regulations, or by other procedures allowed by state and local authorities.

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.

Nonrefillable Container (rigid - greater than fifty lbs): 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. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. 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 directions 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 risks 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 Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Agan of North America, 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 Makhteshim Agan of North America, 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, Makhteshim Agan of North America, 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 Makhteshim Agan of North America, Inc.'s 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

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-*N,N*-dipropyl-*p*-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

EPA Reg. No. 66222-224

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.

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
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.
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 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.
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.	

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

Manufactured for: **Makhteshim Agan of North America, Inc.**
4515 Falls of Neuse Road, Suite 300
Raleigh, NC 27609

FG # 13967

Net Contents: 50 Pounds

13965
EPA 112310/Rev C