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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.

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.
	container or label with you when calling a poison control center or doctor or going for treatment. You may also contact -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

Net Contents: 50 Pounds

13965 EPA 112310/Rev C

FG # 13967





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-ProT/I 2.5 G. See APPLICATION INSTRUCTIONS for specific directions on spreaders and settings.

Quali-Pro T/l 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/l 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/l 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/l 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/l 2.5 G for use.

Broadcast Bates 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/l 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/l 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.

	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

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/l 2.5 G on Species Not Listed on the Label: Injury may occur if Quali-Pro T/l 2.5 G is applied to plant species not listed on this label. If users wish to apply Quali-Pro T/l 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/l 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/l 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 $2.5~\mathrm{G}$ 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/l 2.5 G and its use is not recommended: oak leaf acanthus (Acanthus mollis), bugle (Ajuga spp.), mountain sandwort (Arenaria Montana), nustard (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

barnyardgrass bluegrass, annual crabgrass cupgrass, southwestern foxtail, yellow junglerice oat, wild panicum, fall Scientific Name Echinochloa crus-galli

Poa annua Digitaria spp. Eriochloa gracilis Septaria glauca Echinochloa colonum

Avena fatua

Panicum dichotomifluorum

-





sprangletop, Mexican witchgrass

Leptochloa univervia Panicum capillare

Ambrosia acanthicarpa

Apium leptophyllum

Stellaria media

Broadleaf Weeds Scientific Name

Aster exilis

Common Name aster, slender bursage, annual celery, wild chickweed, common clover, white cudweed, purple fiddleneck, coast filaree, redstem fleabane, blackleaved fleabane, dwarf groundcherry, lanceleaf henbit horseweed knotweed, prostrate lambsquarters, common mallow, little mustard, Indian mustard, wild nightshade, black pepperweed, Virginia pigweed pineappleweed plantain, slender purslane, common radish, wild ragweed, common rocket, London rockpurslane, desert shepherdspurse sibara smartweed, Pennsylvania

sowthistle, annual

telegraphplant

thistle, Russian

speedwell, purslane

Trifolium repens Gnaphalium purpureum Amsinckia intermedia Erodium cicutarium Convza bonariensis Conyza ramosissima Physalis lanceifolia Lamium amplexicaule Conyza canadensis Polygonum aviculare Chenopodium album Malva parviflora Brassica juncea Sinapis arvensis Solanum nigrum Lepidium virginicum Amaranthus spp. Matricaria matricarioides Plantago elongata Portulaca oleracea Raphanus raphanistrum Ambrosia artemisiifolia Sisymbrium irio Calandrinia ciliata Capsella bursa-pastoris Sibara virginica Polygonum pensylvanicum Sonchus oleraceus Veronica peregrina Heterotheca grandiflora Salsola iberica

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

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

Broadleaf Weeds

Scientific Name Common Name aster, heath Aster ericoides bittercress Cardamine oligosperma Cardamine hirsuta bittercress, hairy 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

aroundsel, common Senecio vulgaris ladysthumb Polygonum persicaria lettuce, prickly Lactuca serriola mallow, dwarf Malva rotundfolia marestail Hippuris vulgaris mavweed Anthemis cotula morningglory, ivyleaf Ipomoea hederacea mustard, black Brassica nigra Hydrocotyle spp. pennywort 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 spinosa sida, prickly sorrell, red Rumex acetosella

speedwell, thymeleaf Veronica serpyllifolia Euphorbia hyssopifolia spurge, hyssop spurge, spotted Euphorbia maculata sweetclover, vellow 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

Broadleaf Weeds

Scientific Name

Oenothera spp.

Datura spp.

Medicago polymorpha

Eupatorium capillifolium

Erodium moschatum

Chenopodium murale

Datura stramonium

Scientific Name Common 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. Eragrostis cilianensis stinkgrass

Common Name burclover, California datura dogfennel eveningprimrose filaree, whitestem goosefoot, nettleleaf iimsonweed knotweed, silversheath kochia medic, black mullein, turkey nettle, burning nettle, stinging oxtongue, bristly pimpernel, scarlet sowthistle, spiny

Polygonum argyrocoleon Kochia scoparia Medicago lupulina Eremocarpus setigerus Urtica urens Urtica dioica Picris echioides Anagallis arvensis 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







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Common Name

panicum, Texas

Asparagus variegata

Tree fern

shattercane

johnsongrass (seedling)



Aster novae-angliae Aster novi-belgii

Asteriscus maritimus

Astilbe Deutschland

Baccharis pilularis

Begonia cordifolia

Athyrium nipponimcum

Begonia semperflorens

Berberis gladwynensii

Berberis mentorensis

Berberis thunbergii

Betula nigra Betula papyrifera

Bidens ferulifolia

Bougainvillea spp.

Astilbe arendsii

Astilbe chinensis

New England aster

Astilbe/false spirea

Deutschland astilbe

Heartleaf begonia

Mentor barberry

Japanese painted fern

William Penn barberry

Crimson pygmy barberry

Atropurea-redleaf Japanese

Rose glow barberry

Cherry bomb barberry

Peter's gold bidens

barberry

River birch

Paper birch

Barbara Karst

California gold

White ambassador begonia

Aurea-golden Japanese barberry Shrub - F

New York aster

Gold coin daisy

False spiraea

Coyotebush

Groundcover/Perennial - C.F

Groundcover/Perennial - C,F

Groundcover/Perennial - C.F

Groundcover/Perennial - C,F

Groundcover/Perennial - C.F

Groundcover/Perennial - C,F

Groundcover/Perennial - C,F

Shrub - C,F

Shrub - C.F

Shrub - C,F

Shrub - F

Shrub - C,F

Shrub - C,F

Shrub - C.F

Tree - C,F

Tree - F

Shrub - F

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

Grasses Scientific Name Sorghum halepense Panicum texanum

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 Richardia scabra pusley, Florida

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

				Galliornia golu	Stirub - C,F
Scientific Name	Common Name	Treatment Method:		Pink pixie	Shrub - C,F
		C = Container Grown:		Scarlet O'Hara	Shrub - C,F
		F = Field Grown		Temple fire	Shrub - C,F
Abelia grandiflora	Edward Goucher abelia	Shrub - C.F		Texas dawn	Shrub - C,F
Tuona granamora	Glossy abelia	Shrub - C,F	Brachychiton populneus	Bottle tree	Tree - C,F
Abies balsamea	Fir. balsam	Tree - C.F	Brachycome x 'New amethyst'	Swan river daisy new amethyst	Groundcover/Perennial - C,F
Abies concolor	Fir. white	Tree - F	Bucida buceras	Black olive	Tree - F
Abutilon hybridum	Albus-flowering maple	Tree - C.F	Buxus microphylla japonica	Japanese boxwood	Shrub - C,F
Abdilion nybridam	Luteus-flowering maple	Tree - C.F	Buxus microphylla koreana	Korean boxwood	Shrub - F
	Roseus-flowering maple	Tree - C.F	Buxus sempervirens	Common boxwood	Shrub - C,F
	Tangerine-flowering maple	Tree - C.F	Buxus x 'Green velvet'	Green velvet boxwood	Shrub - C,F
	Vesuvius red-flowering maple	Tree - F	Callistemon citrinus	Lemon bottlebrush	Shrub - F
Acacia abyssinica	Abyssinica acacia	Shrub - C.F	Callistemon viminalis	Weeping bottlebrush	Shrub - C,F
Acacia redolens	Acacia, prostrate	Shrub - C,F	Callistepheus chinensis	China aster	Groundcover/Perennial - C,F
Acacia stenophylla	Shoestring acacia	Shrub - C,F	Calluna vulgaris	Spring torch Scotch heather	Shrub - C,F
Acalypha wilkesiana	Copper leaf	Shrub - C,F	Camellia japonica	Camellia	Shrub - C,F
Acer ginnala	Amur maple	Shrub - C.F	Carex spp.	Sedge	Groundcover/Perennial - C,F
Acer ginnala	Flame maple	Tree - F	Carpobrotus edulis	Largeleaf ice plant	Groundcover/Perennial - F
Acer palmatum	Coral bark Japanese maple	Shrub - C.F	Caryopteris x clandonen	Dark knight bluebeard	Shrub - C,F
noor paintatain	Dwarf Japanese maple	Shrub - C.F	Cassia artemisioides	Feathery cassia	Shrub - C,F
Acer rubrum	Red maple	Tree - F	Catharanthus roseus	Madagascar periwinkle	Groundcover/Perennial - C,F
71001 Tabiani	Red sunset maple	Tree - F	Ceanothus spp.	Wild lilac	Shrub - F
Acer saccharinum	Silver maple	Tree - C.F	Cephalotaxus drupacae	Plum yew	Shrub - C,F
Achillea millefolium	Common yarrow	Groundcover/Perennial - C.F	Cerastium tomentosum	Snow in the summer	Groundcover/Perennial - C,F
Agapanthus africanus	Queen Anne Lily of the Nile	Shrub - Groundcover/Perennial - C.F	Cerastium tomentosum	Snow-in-summer	Shrub - C,F
Agapanthus 'Peter pan'		Groundcovers/Perennials - C.F	Ceratonia siliqua	Carob	Tree - F
Agave americana	Century plant	Shrub - F	Ceratostigma plumbaginoides	Dwarf plumbago	Groundcover/Perennial - C,F
Alsophila australis	Australian tree fern	Tree - C.F	Cercis canadensis	Redbud	Tree - C,F
Alstroemeria aurea	Peruvian lilv	Groundcover/Perennial - C.F	Chamaecyparis obtusa	Filicoides-fernspray cypress	Tree - F
Ammophila breviliqulata	Beechgrass	Groundcover/Perennial - C.F		Gracilis-slender Hinoki cypress	Tree - F
Anisodontea hypomandarum	Cape mallow	Shrub - C.F	Chamaecyparis obtusa	Kosteri cypress	Shrub - C,F
Antirrhinum majus	Snapdragon	Groundcover/Perennial - C.F		Nana-dwarf Hinoki cypress	Shrub - C,F
Aptenia cordifolia	Red apple aptenia	Shrub - C.F		Torulosa cypress	Shrub - C,F
Arctotheca calendula	Cape weed	Groundcover/Perennial - F	Chamaecyparis pisifera	Sawara-false cypress	Tree - F
Ardisia japonica	Chirimen marlberry	Shrub - C.F		Squarrosa-moss cypress	Tree - F
Areacastrum romanzoffianum	Queen palm	Tree - C.F	Chamaecyparis pisifera	Baileyi-dogwood	Shrub - F
Argyranthemum frutescens	Paris daisy	Groundcover/Perennial - C.F		Flaviramea-dogwood	Shrub - F
Artemisia schmidtiana	Angels' hair	Groundcover/Perennial - C.F		Squarrosa minima cypress	Shrub - C,F
Asparagus retrofractus	Fern	Groundcover/Perennial - C.F	Chamaecyparis pisifera spp.	Filifera-thread cypress	Shrub - C,F
, lopalaguo rotronaotao		Groundsovorn Gronnian Opi			







Groundcover/Perennial - C,F

Fruitland silver berry

Red absynnian banana

Elaeagnus pungens

Ensete ventricosum

Shrub - C.F

Groundcover/Perennial - C,F



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







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







Scientific Name	Common Name	Treatment Method:		White pine	Tree - C,F
		C = Container Grown;	Pinus sylvestris	Columnar Scotch pine	Tree - C,F
		F = Field Grown	•	Scotch pine	Tree - C,F
Musa aluminata	Banana	Tree - C,F	Pinus thunbergiana	Japanese black pine	Tree - C,F
Myrica cerifera	Wax myrtle	Shrub - C,F	Pittosporum tobira	Green pittosporum	Shrub - C,F
Nandina domestica	Compacta-dwarf heavenly		•	Wheeler's dwarf pittosporum	Shrub - C,F
	bamboo	Shrub - C,F	Platanus occidentalis	American sycamore	Tree - F
	Harbour dwarf-heavenly bamboo		Platanus racemosa	California sycamore	Tree - F
	Heavenly bamboo (Nandina)	Shrub - C,F	Plumbago auriculata	Blue cape plumbago	Shrub - F
	Nana compacta-heavenly bamboo		Plumbago capensis	Plumbago	Shrub - C.F
	Nana purpurea-heavenly bamboo		Podocarpus macrophyllus	Yewpine	Shrub - C.F
	Woods dwarf-heavenly bamboo	Shrub - C,F	Podocarpus spp.	Podocarpus	Tree - F
Nerium oleander	Hardy red oleander	Shrub - C,F	Polygala dalmaisiana	Sweet pea shrub	Shrub - C,F
	Oleander	Shrub - C,F	Polystichum polyblepharum	Tassel fern	Shrub - C.F
	Ruby lace oleander	Shrub - C,F	Populus deltoides	Cottonwood	Tree - F
Oenothera speciosa	Siskiyou evening primrose	Groundcover/Perennial - C,F	Potentilla fragiformis	Cinquefoil	Shrub - F
Ophiopogon japonicus	Dwarf mondo grass	Groundcover/Perennial - C,F	Potentilla fruticosa	Cinquefoil	Shrub - C,F
	Mondo grass	Groundcover/Perennial - C,F		Gold drop potentilla	Shrub - F
Osmanthus fortunei	Fortune's osmanthus	Shrub - C,F		Goldfinger potentilla	Shrub - C,F
Osteospermum fruticosum	Freeway daisy	Groundcover/Perennial - C,F		Red ace potentilla	Shrub - C,F
Oxydendrum arboreum	Sourwood	Tree - C,F		Sunset potentilla	Shrub - C,F
Pachysandra terminalis	Japanese spurge	Groundcover/Perennial - C,F		Tangerine potentilla	Shrub - C,F
Pachysandra terminalis	Japanese spurge	Shrub - C,F	Potentilla verna	Spring cinquefoil	Shrub - C,F
Parthenocissus quinguefolia	Virginia creeper	Groundcover/Perennial - C,F	Prosopis chilensis	Chilean mesquite	Tree - C,F
Pelargonium peltatum	Ivy geranium	Groundcover/Perennial - C,F	Prunus glandulosa	Dwarf pink flowering almond	Shrub - C,F
Pelargonium x hortorum	Zonal geranium	Groundcover/Perennial - C,F	Prunus yedoensis	Yoshino flowering cherry	Tree - F
Pennisetum alopecuroides	Fountain grass	Groundcover/Perennial - C,F	Pyracantha fortuneana	Lolendei Monrovia pyracantha	Shrub - C,F
Pennisetum setaceum	Crimson fountain grass	Groundcover/Perennial - C,F		Monon pyracantha	Shrub - F
Penstemon gentianoides	Hartwig penstemon	Groundcover/Perennial - C,F		Red elf hybrid pyracantha	Shrub - F
Penstemon x 'Apple blossom'	Apple blossom penstemon	Groundcover/Perennial - C,F		Rutgers hybrid pyracantha	Shrub - C,F
Pentas lanceolata	Star clusters	Groundcover/Perennial - C,F		Santa Cruz pyracantha	Shrub - C,F
Perovskia atriplicifolia	Russian sage	Groundcover/Perennial - C,F		Victory pyracantha	Shrub - F
Petunia-hybrids	Garden petunias	Groundcover/Perennial - C,F	Quercus ilicifolia	Bear oak	Tree - F
Phalaris arundinacea picta	Ribbon grass	Groundcover/Perennial - C,F	Quercus palustris	Pin oak	Tree - F
Phoenix roebelenii	Pigmy date palm	Shrub - C,F	Quercus phellos	Willow oak	Tree - C,F
Photinia fraseri	Fraser's photinia	Shrub - C,F	Quercus rubra	Red oak	Tree - C,F
Picea abies	Pendula-weeping Norway spruce	Tree - C,F	Quercus virginiana	Live oak	Tree - C,F
	Repens-spreading Norway spruce	Tree - C,F	Ratbida columnifera	Mexican hat	Groundcover/Perennial - C,F
	Norway spruce	Tree - C,F	Rhaphiolepis indica	Charisma-Monruce rhaphiolepis	Shrub - C,F
Picea glauca	Conica-dwarf Alberta spruce	Tree - C,F		Enchantress-Moness rhaphiolepis	
Picea glauca conica	Dwarf Alberta spruce	Tree - F		Rhaphiolepis (India hawthorn)	Shrub - C,F Shrub - F
Picea pungens	Dwarf globe blue spruce	Tree - C,F	Dhanhialania ayata	Springtime-Monme rhaphiolepis	
	Glauca-Colorado blue spruce	Tree - C,F	Rhaphiolepis ovata Rhododendron calendulaceum	Roundleaf rhaphiolepis Cannon's double azalea	Shrub - C,F Shrub - C.F
	Hoopsii-Hoop's blue spruce	Tree - C,F	Rnododendron calendulaceum	Flame azalea	Shrub - C,F
	Koster-Koster blue spruce	Tree - F		Golden flare azalea	Shrub - C.F
Pieris japonica	Lily-of-the-valley	Shrub - C,F		Klondike azalea	Shrub - C.F
	Mountain fire lily-of-the-valley	Shrub - C,F	Rhododendron campylocarpum	Butterfly rhododendron	Shrub - F
	Snowdrift lily-of-the-valley	Shrub - C,F	Rhododendron carolinianum x	butterny mododendron	Siliub - I
	Temple bells lily-of-the-valley	Shrub - C,F	daurium	PJM rhododendron	Shrub - C.F
	Valley rose lily-of-the-valley	Shrub - C,F	Rhododendron catawbiense	Catawba album rhododendron	Shrub - C.F
	Valley valentine lily-of-the-valley	Shrub - C,F	Tillododendron calawbiense	Catawba rhododendron	Shrub - C.F
Pieris japonica forestii	Forest flame lily-of-the-valley	Shrub - C,F		Lord Roberts rhododendron	Shrub - C,F
Pinus aristata	Bristlecone pine	Tree - F		Rocket rhododendron	Shrub - C,F
Pinus canariensis	Canary Island pine	Tree - F	Rhododendron caucasium x	Hocket Hododendron	Olliub - O,i
Pinus contorta	Shore pine, beach pine	Tree - F	ponticum	Cunningham White rhododendron	Shrub - C F
Pinus eldarica	Eldarica pine	Tree - C,F	Rhododendron exbury	Cannon's double azalea	Shrub - C.F
Pinus leucodermis	Bosnian pine	Tree - C.F	Timododendron expany	Golden flare azalea	Shrub - C.F
Pinus mugo	Pumilio-shrubby swiss mountain p			Klondike azalea	Shrub - C.F
Pinus mugo	Mugo-mugho pine	Shrub - C,F	Rhododendron forrestii repens	Gomer Waterer rhododendron	Shrub - C,F
Pinus nigra	Austrian black pine	Tree - C.F	Rhododendron forrestii x		
Pinus radiata	Monterey pine	Tree - F	griersonianum	Elizabeth rhododendron	Shrub - C.F
Pinus strobus	Eastern white pine	Tree - C. F	Rhododendron griffithianum	Jean Marie rhododendron	Shrub - C,F
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Scientific Name	Common Name	Treatment Method:	Spiraea bumalda	Anthony Waterer spiraea	Shrub - C,F
		C = Container Grown;	Spiraea japonica	Dolchia spiraea	Shrub - C,F
Oh a da dan duan hukuid ann	America shadadandsan	F = Field Grown		Japanese alpine spiraea	Shrub - C,F
Rhododendron hybrid spp.	America rhododendron English Roseum rhododendron	Shrub - C,F Shrub - F	Cnirana vanhavittai	Shirobana spiraea Bridal wreath	Shrub - C,F Shrub - C,F
	Nova Zembla rhododendron	Shrub - C,F	Spiraea vanhouttei		Shrub - C,F Shrub - C,F
	Scintillation rhododendron	Shrub - C.F	Spiraea x cinerea 'Grefsheim'	First snow spiraea	
Rhododendron impeditum	Rhododendron	Shrub - C,F	Swietenia mahogani	Mahogany	Tree - F
Rhododendron indica	Formosa azalea	Shrub - C,F	Syringa rothomagensis	Chinese lilac	Shrub - C,F Shrub - F
Tinododendron indica	Waucabusa azalea	Shrub - C,F	Syringa vulgaris	Lilac, common	
Rhododendron kaempferi	Blue danube azalea	Shrub - C,F	Tabebuia caraiba Tagetes patula 'Little Hero'	Yellow tab	Tree - F Groundcover/Perennial - C,F
Rhododendron kerume	Coral bells azalea	Shrub - C.F		Little hero marigold	Shrub - F
Tinododonaron Koramo	Hino crimson azalea	Shrub - C.F	Taxus cuspidata	Japanese yew	
	Hino pink azalea	Shrub - C,F	Tecomaria capensis	Cape honeysuckle	Shrub - C,F
	Mildred azalea	Shrub - C,F	Ternstroemia gymnanthera	Japanese ternstroemia	Shrub - C,F
	Snow azalea	Shrub - C,F	Thuja occidentalis	Emerald arborvitae	Shrub - C,F
Rhododendron maximum	Rhodie max (rosebay)	Shrub - C,F		Globosa-globe arborvitae	Shrub - C,F
Rhododendron mucronulatum	Rhododendron	Shrub - F		Little giant-dwarf arborvitae	Shrub - C,F
Rhododendron obtusum	Hino-crimsom azalea	Shrub - C.F		Nigra-dark American arborvitae	Shrub - C,F
Rhododendron ponticum	Chioniodes rhododendron	Shrub - C,F		Pyramidalis arborvitae	Shrub - C,F Shrub - C.F
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Daphinoides rhododendron	Shrub - C.F		Rheingold arborvitae	Shrub - C,F Shrub - F
Rhododendron racemosum	Dwarf scarlet wonder	,		Techny arborvitae Woodwardii arborvitae	Shrub - C.F
	rhododendron	Shrub - C,F	There's a signature		Stirub - C,F
	Tribly rhododendron	Shrub - C.F	Thuja orientalis	Aureus nana-dwarf golden	Chrish C.F.
	Unique rhododendron	Shrub - C.F		arborvitae	Shrub - C,F Shrub - C,F
	Vulcan rhododendron	Shrub - C,F	Translation or an acceptance	Minima glauca-dwarf arborvitae	Groundcover/Perennial - C,F
Rhododendron sassthigiatim x			Trachelospermum asiaticum Tsuga canadensis	Asian jasmine Eastern hemlock	Tree - C.F
carolinianum	Ramapo rhododendron	Shrub - C.F			Groundcover/Perennial - C.F
Rhododendron satuski	Gumpo pink azalea	Shrub - C.F	Tulbaghia violacea Ulmus parvifolia	Society garlic Chinese elm	Tree - F
	Higasa azalea	Shrub - F	Veitchia merrilli	Christmas palm	Shrub - F
	Reijn azalea	Shrub - C,F	Verbena peruviana	St. Paul verbena	Groundcover/Perennial - C,F
Rhododendron spp. hybrids	Carror azalea	Shrub - C,F	Viburnum bodnantense	Pink dawn viburnum	Shrub - C, F
,	Fashion azalea	Shrub - C,F	Viburnum carlesii	Koreanspice viburnum	Shrub - C, F
	Girard Christina azalea	Shrub - F	Viburnum davidii	David viburnum	Shrub - C, F
	Girard Roberta azalea	Shrub - C,F	Viburnum japonicum	Viburnum	Shrub - F
	Golden flare exbury azalea	Shrub - F	Viburnum judd (v. X juddii)	Viburnum	Shrub - C, F
	Helmut Vogel azalea	Shrub - F	Viburnum lantana	Wayfaring tree	Shrub - F
	Hershey red azalea	Shrub - F	Viburnum opulus sterile	Common snowball viburnum	Shrub - F
	Hot shot azalea	Shrub - C,F	Viburnum plicatum tomentosum	Doublefile viburnum	Shrub - C, F
	Hume azalea	Shrub - F	Viburnum setigerum	Tea viburnum	Shrub - F
	Inga azalea	Shrub - F	Viburnum tinus 'Compactum'	Spring bouquet viburnum	Shrub - F
	Irene Koster azalea	Shrub - C,F	Viburnum trilobum	Cranberry bush	Shrub - C,F
	President Clay azalea	Shrub - C,F	Viburnum trilobum 'Compactum'	Dwarf cranberry bush	Shrub - C, F
	Traditional azalea	Shrub - C,F	Viburnum x pragense	Viburnum	Shrub - C,F
Rhododendron x 'purple gem'	Purple gem rhododendron	Shrub - C,F	Vinca major	Periwinkle, bigleaf	Groundcover/Perennial - C,F
Rhus lancea	African sumac	Shrub - C,F	Vinca minor	Periwinkle, dwarf	Groundcover/Perennial - F
Rosa rugosa	Ramanas rose	Shrub - C,F	Vinca spp.	Periwinkle	Groundcover/Perennial - F
Rosmarinus officinalis	Rosemary	Shrub - F	Washingtonia robusta	Mexican fan palm	Tree - C.F
Rudbeckia fulgida	Blackeyed susan	Groundcover/Perennial - C,F	Weigela florida	Bristol ruby weigela	Shrub - C.F
Rudbeckia hirta	Blackeyed susan	Groundcover/Perennial - C,F		Java red weigela	Shrub - C,F
Ruellia brittoniana	Dwarf Katie ruellia	Groundcover/Perennial - C,F		Minuet weigela	Shrub - C,F
Salix babylonica	Babylon weeping willow	Tree - F	Xylosma congestum	Xylosma	Shrub - F
	Corkscrew willow	Tree - F	Yucca filamentosa	Yucca	Shrub - C,F
Salvia grahamii	Graham's sage	Groundcover/Perennial - C,F	Zinnia elegans	Dwarf zinnia	Groundcover/Perennial - C,F
Salvia leucantha	Mexican bush sage	Groundcover/Perennial - C,F		•	
Sedum x 'Autumn joy'	Autumn joy stonecrop	Groundcover/Perennial - C,F	Non-Bearing Fruit and N	lut Trees and Non-Bearing	a Vines (Field Grown)*:
Sedum x 'Vera Jameson'	Vera Jameson stonecrop	Groundcover/Perennial - C,F			g field-grown non-bearing fruit
Senecio cineraria	Dusty-miller/silver ragweed	Shrub - C,F			, apricot, avocado, blackberry,
Sequoiadendron giganteum	Giant sequoia	Tree - F			nt, dewberry, elderberry, fig, fil-



Skimmia japonica

Skimmia revesiana

Solanum rantonetii





Shrub - C,F Shrub - C,F

Shrub - C,F

Japanese skimmia

Paraguay nightshade

Reeve's skimmia



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/l 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/l 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.

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 containers to product acceptable.

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









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</i> , <i>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:	<u>97.5%</u>
TOTAL:	100.0%
Contains 1 25 lb active ingredient (1.0 lb trifluralin and 0.25 lb isovaben) 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.

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

Net Contents: 50 Pounds

13965 EPA 112310/Rev C

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