



**SUPPLEMENTAL LABELING**  
**Quali-Pro® Prodiamine 65 WDG**  
 Herbicide  
 EPA Reg. No. 66222-89-73220

**DIRECTIONS FOR USE**

- It is a violation of Federal law to use this product inconsistent with its labeling.
- This supplemental labeling must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label except as allowed in this supplemental labeling.

**VEGETATION MANAGEMENT**

Quali-Pro Prodiamine 65WDG may be applied to soil surfaces for preemergence control of many grass and broadleaf weeds in:

- Non-crop areas, including ornamentals (does not include container or field grown ornamentals) and established perennial and wildflower plantings on or surrounding:
  - Managed rights-of-way for transportation systems and utilities including roadways, roadsides, railways, and equipment yards;
  - Facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows.

**Weeds Controlled-Vegetation Management**

When used as directed in this label, Quali-Pro Prodiamine 65WDG will control the following weeds:

Barnyardgrass	Kochia
Bluegrass, Annual (Poa annua) <sup>1</sup>	Lambsquarters, Common
Carpetweed	Lovegrass
Chickweed, Common <sup>1</sup>	Panicum (Texas, Fall, Browntop)
Chickweed, Mouseear (from seed)	Pigweed
Crabgrass (Large, Smooth) <sup>3</sup>	Purslane, Common
Crowfootgrass	Pusley, Florida
Cupgrass, Woolly	Rescuegrass <sup>2</sup>
Foxtails, Annual	Shepherdspurse <sup>1</sup>
Goosegrass <sup>3</sup>	Signalgrass, Broadleaf
Henbit <sup>1</sup>	Speedwell, Persian
Itchgrass	Sprangletop
Johnsongrass (from seed)	Spurge, Prostrate
Junglerice	Witchgrass
Knotweed <sup>1</sup>	Woodsorrel, Yellow (from seed)

<sup>1</sup> To control this weed, apply Quali-Pro Prodiamine 65WDG in late summer, fall, or winter before weed seeds germinate.

<sup>2</sup> Suppression only.

<sup>3</sup> Sequential applications may be made as long as the total amount of product applied does not exceed 2.3 lbs./A per year. To control weeds, all applications must be made before weed seeds germinate.

**Application Timing and Information-Vegetation Management**

Quali-Pro Prodiamine 65WDG:

- Provides residual preemergence weed control.
- Will not control emerged weeds.
- May be applied to newly transplanted and established ornamentals as a broadcast or over-the-top spray.
- Is most effective when the product is activated in the soil before weed seeds germinate and within 14 days after application.
- Is activated when the treated area receives at least 0.5 inches of irrigation or rainfall or shallow (1-2 inches) mechanical incorporation.
- Is most effective when applied to soil free of clods, weeds, and debris such as leaves and mulch.

**Use Precautions-Vegetation Management**

To reduce injury potential:

1. Direct application of Quali-Pro Prodiamine 65WDG to rapidly growing tissue or buds may injure desirable plants. In the spring when buds are rapidly growing and expanding, over-the-top application of Quali-Pro Prodiamine 65WDG may temporarily injure new growth of desirable plants. To reduce the possibility of injury at this time, wait to apply Quali-Pro Prodiamine 65WDG over the top of newly emerged vegetation until it has hardened off unless your experience indicates that the ornamental plant will not be injured by the over-the-top application.
2. After application (immediately for deciduous plants), irrigate the treated area to wash Quali-Pro Prodiamine 65WDG from plant surfaces onto soil. Watering plants before application may improve the washing process.



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**How Much and When to Apply-Vegetation Management**

AMOUNT TO APPLY (BROADCAST)*	WHEN TO APPLY	COMMENTS/INSTRUCTIONS
1.0-2.3 lbs./A. or 0.37-0.83 oz/1,000 sq. ft.	In fall and/or spring before weeds germinate or after weeds are removed.	Use the higher rate for longer control. Quali-Pro Prodiamine 65WDG may be applied more than once per year as long as the total amount of product applied does not exceed 2.3 lbs./A. per year.

\*Note: For band application calculate amount per acre:  
 $\frac{\text{Band width in inches} \times \text{broadcast rate}}{\text{Row width in inches}} = \text{amt. to apply per acre of field}$

**Equivalent Measurements for Quali-Pro Prodiamine 65WDG**

lbs/A	oz./1,000 sq. ft.	Approximate Equivalent Tablespoons/1,000 sq. ft.
1.0	0.37	1
1.5	0.55	1 ½
2.0	0.74	2
2.3	0.83	2 ¼

**Application Sites and Use Precautions-Vegetation Management**

SITE	USE PRECAUTIONS
Ornamental Trees, Shrubs, Vines	Apply as a broadcast, over-the-top, or as a directed spray. Delay applications to newly transplanted ornamentals until soil has settled around transplants.
Ornamental Bulbs and Perennial Wildflower Plantings	May be applied to bulbs or perennial wildflower species listed in the section "Tolerant Ornamental Species." Apply before or after bulbs emerge but before bloom and weeds emerge. In wildflowers, a postemergence herbicide labeled for wildflowers may be needed to control weeds that have already emerged.

**Tank Mixtures-Vegetation Management**

Quali-Pro Prodiamine 65WDG may be tank mixed with other registered herbicides listed on this label to provide a broader spectrum of weed control or to control emerged weeds. Tank mixes with Quali-Pro Prodiamine 65WDG are for use only in states where the tank mix partner(s), application site, and intended use pattern are registered. Follow the label(s) of the tank mix partner(s) for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Before combining tank mix partners in the spray tank, test compatibility by mixing the products in a small container. See the **COMPATIBILITY TEST** section on the label attached to the container.

**TANK MIXING AND APPLICATION**

**Tank Mix Partners for Quali-Pro Prodiamine 65WDG-Vegetation Management**

PRODUCT	PRECAUTIONS/INSTRUCTIONS
Goal®, Galigan® (use on conifers only)	Mix with Quali-Pro Prodiamine 65WDG for postemergence control of certain broadleaf weeds including malva and filaree.
Gallery®, Princep®, Pennant®	See product labels for weed spectrum and tolerant ornamentals.
Touchdown®Pro (or other glyphosate-based labeled products), Reward® and Finale®	These non-selective tank mix herbicides control most emerged annual broadleaves and grasses. Take extreme care to prevent tank mixtures with these partner products from contacting the foliage and stems of turfgrass, trees, shrubs, or other desirable vegetation because desirable vegetation may be severely injured or killed. Apply these tank mixtures as a directed spray and use a shield to prevent spray from contacting foliage of desirable plants. Follow instructions on the tank mix partner's label, delay irrigation of the treated area to allow time for the herbicide to be absorbed by weed foliage.

**Tolerant Ornamental Species\*-Vegetation Management**

**\*Not for use on container or field grown ornamentals**

Quali-Pro Prodiamine 65WDG will not harm most trees, shrubs, vines, and flowers. The species listed below in Table 4 are tolerant to Quali-Pro Prodiamine 65WDG. Quali-Pro Prodiamine 65WDG is approved for application, except in California, to the species in Table 5. Quali-Pro Prodiamine 65WDG may be applied over-the-top of the listed species. When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to Quali-Pro Prodiamine 65WDG.

**Table 4: Tolerant Ornamental Species\*-Vegetation Management-All States**

COMMON NAME	SCIENTIFIC NAME
Fir species (Balsam, Fraser, Noble, etc.)	Abies spp.
Japanese Maple	Acer palmatum
Norway Maple***	Acer platanoides
Kiwi**	Actinidia chinensis
Lily-of-the-Nile (African Lily)	Agapanthus africanus
Vine Hill Manzanita	Arctostaphylos densiflora
Cape Weed	Arctotheca calendula
Japanese Aucuba	Aucuba japonica
Barberry	Berberis gladwynensis
Wintergreen Barberry	Berberis julianae
Mentor Barberry	Berberis mentorensis
Japanese Barberry	Berberis thunbergii
Warty Barberry	Berberis verruculosa
Japanese Boxwood	Buxus microphylla
Weeping Bottlebrush	Callistemon viminalis
Scotch Heather	Calluna vulgaris
Hottentot Fig (Ice Plant)	Carpobrotus edulis
Feathery Cassia	Cassia artemisoides
Wild Lilac	Ceanothus rigidus
False Cypress	Chamaecyparis pisifera
Cleyera	Cleyera japonica
Citrus species**	Citrus spp.
Flowering Dogwood	Cornus florida
American Dogwood	Cornus stolonifera
Pampas Grass	Cortaderia selloana
Cranberry Cotoneaster	Cotoneaster apiculatus
Cotoneaster	Cotoneaster buxifolius
Bearberry Cotoneaster	Cotoneaster dammeri
Rockspray Cotoneaster	Cotoneaster microphyllus
Hawthorne	Crataegus spp.
Italian Cypress	Cupressus sempervirens
White Trailing Ice Plant	Delosperma alba
Hop Bush	Dodonea viscosa
Silverberry	Elaeagnus pungens
Wintercreeper	Euonymus fortunei



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Japanese Spindle Tree (Evergreen Euonymus)	<i>Euonymus japonica</i>
Spreading Euonymus	<i>Euonymus kiautschovica</i>
Japanese Aralia	<i>Fatsia japonica</i>
Border Forsythia	<i>Forsythia intermedia</i>
Greenstem Forsythia	<i>Forsythia viridissima</i>
Gardenia, Cape-Jasmine	<i>Gardenia jasminoides</i>
Gladiolus species	<i>Gladiolus</i> spp.
English Ivy	<i>Hedera helix</i>
Rose of Sharon	<i>Hibiscus</i>
Chinese Hibiscus	<i>Hibiscus Rosa-sinensis</i>
Chinese Holly	<i>Ilex cornuta</i>
Japanese Holly	<i>Ilex crenata</i>
American Holly	<i>Ilex opaca</i>
Holly	<i>Ilex pernyi</i>
Yaupon Holly	<i>Ilex vomitoria</i>
Iris species	<i>Iris</i> spp.
Winter Jasmine	<i>Jasminium nudiflorum</i>
Chinese Juniper	<i>Juniperus chinensis</i>
Shore Juniper	<i>Juniperus conferta</i>
Creeping Juniper	<i>Juniperus horizontalis</i>
Walnut**	<i>Juglans</i> spp.
Shrimp Plant	<i>Justicia brandegeana</i>
Crape Myrtle	<i>Lagerstromia indica</i>
Amur Privet	<i>Ligustrum amurense</i>
Japanese Privet	<i>Ligustrum japonicum</i>
Glossy Privet (wax-leaf)	<i>Ligustrum lucidum</i>
Big Blue Lillyturf	<i>Liriope muscari</i>
Japanese Honeysuckle	<i>Lonicera japonica</i>
Tatarian Honeysuckle	<i>Lonicera tatarica</i>
Magnolia species	<i>Magnolia</i> spp.
Ice Plant	<i>Maleophora luteola</i>
Crabapple**	<i>Malus</i> spp.
Heavenly Bamboo	<i>Nandina domestica</i>
Narcissus species	<i>Narcissus</i> spp.
Oleander	<i>Nerium</i> spp.
Olive**	<i>Olea europaea</i>
Mondo Grass	<i>Ophiopogon japonicus</i>



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Trailing African Daisy	Osteospermum fruticosum
Sourwood	Oxydendrum arboreum
Avocado**	Persea americana
Frasier's Photinia (Redtip)	Photinia fraseri
Spruce species*** (Colorado Blue, Norway, etc.)	Picea spp.
Lily-of-the Valley Shrub	Pieris japonica
Calabrian Pine	Pinus brutia
Canary Island Pine	Pinus canariensis
Slash Pine	Pinus elliotii
Aleppo Pine	Pinus halepensis
Austrian Black Pine	Pinus nigra
Longleaf Pine	Pinus palustris
Monterey Pine	Pinus radiata
Eastern White Pine	Pinus strobus
Scotch Pine	Pinus sylvestris
Loblolly Pine	Pinus taeda
Japanese Black Pine	Pinus thunbergiana
Virginia Pine	Pinus virginiana
Pistachio**	Pistacia spp.
Queensland Pittosporum	Pittosporum rhombifolium
Japanese Pittosporum	Pittosporum tobira
Japanese Yew	Podocarpus macrophyllus
English Laurel	Prunus laurocerasus
Almond, Apricot, Nectarine, Peach, Plum, Prune**	Prunus spp.
Douglas Fir***	Pseudotsuga menziesii
Firethorn, Scarlet	Pyracantha coccinea
Firethorn, Chinese	Pyracantha fortuneana
Firethorn, Formosa	Pyracantha koidzumii
Bradford Pear spp.	Pyrus spp.
Oak species	Quercus rubra
Indian Hawthorne	Raphiolepis indica
'Coral Bells' 'Formosa' 'Hino-crimson' 'PJM' 'Roseum Elegans'	Rhododendron (including Azalea)
Lady Bank's Rose	Rosa banksiae



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Rosemary**	Rosmarinus officinalis
Leatherleaf Fern	Rumohra adiantiformis
	Santolina virens
Stonecrop	Sedum album
Japanese Boxcherry	Syzygium paniculatum
Japanese Yew	Taxus cuspidata
Yew	Taxus media
American Arborvitae	Thuja occidentalis
Star Jasmine	Trachelospermum asiaticum
Canada Hemlock	Tsuga canadensis
Tulip species	Tulipa spp.
Japanese Viburnum	Viburnum japonicum
Sweet Viburnum	Viburnum odoratissimum
Japanese Snowball	Viburnum plicatum
Canary Island Viburnum	Viburnum rigidum
Laurustinus	Viburnum tinus
Cranberry Bush	Viburnum trilobium
Leatherleaf Viburnum	Viburnum wrightii
Vinca	Vinca major
Dwarf Periwinkle	Vinca minor
Grape**	Vitis spp.**
Old Fashioned Weigela	Weigela florida
Spanish Bayonet	Yucca aloifolia
Yucca, Adam's Needle	<u>Yucca filamentosa</u>

\*Not for use on container or field grown ornamentals.

\*\*Do not use on food producing trees, vines, or plants.

\*\*\*Landscape ornamentals only.

**TABLE 5: TOLERANT ORNAMENTAL SPECIES\*-Vegetation Management (All States Except CA)**

COMMON NAME	SCIENTIFIC NAME
Abelia: Sherwood	Abelia grandiflora
Yarrow: King Edward	Achillea spp.
	Agapanthus orientalis
Five-Leaf or Chocolate Vine	Akebia quintata
Lady's Leek, Nodding Onion	Allium cernuum
Japanese Anemone	Anemone hybrida
Aquilegia: Red and Gold	Aquilegia spp.
Wormwood; Silver Mound, Castle	Artemisia spp.
Aster: Bonny Blue, Purple Dome	Aster spp.



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	Aster X frikartii
Lady Fern; Fern Lady	Athyrium filix-femina
Fibrous Begonia: Hardy Grandis	Begonia spp.
	Bergenia cordifolia
Snowbank	Boltonia asteroides
Bougainvillea	Bougainvillea spp.
Butterfly-Bush (Dwarf Blue); Royal Red	Buddleia davidii
Crimson Bottlebrush	Callistemon citrinus
Tussock Bellflower; (White Clips)	Campanula carpatica
Trumpet Creeper, Trumpet Flower, Madame Galen	Campis X tagliabuana
	Ceratostigma plumbaginoides
	Chrysanthemum nipponicum
Coreopsis (Calliopsis); Early Sunrise, Moonbeam	Coreopsis spp.
Lucifer	Crocoshmia spp.
Cooperi Pink	Delosperma spp.
Larkspur; Blue Elf	Delphinium spp.
Dianthus, Maiden Pinks 'Zing'	Dianthus deltooides
Cheddar Pink	Dianthus gratianopolitanus
Coneflower, Purple; Magnus	Echinacea purpurea
Weeping Forsythia	Forsythia suspensa
Gaillardia, Blanket Flower: 'Goblin'	Gaillardia spp.
	Gaura spp.
Gentian	Gentiana dahurica
Cranesbill	Geranium cinereum
Baby's Breath	Gypsophila repens
Sunrose	Helianthemum spp.
Daylily: Aztec Gold, Stella De Oro, Tender Love	Hemerocallis spp.
Coral Bell; Bridget Bloom	Heucherella spp.
Mallow; Disco Belle White	Hibiscus spp.
Hosta, Plantain Lily (Fragrant)	Hosta plantaginea
Hosta, 'Searsucker'	Hosta sieboldiana
	Houttuynia cordata var. variegata
Bigleaf Hydrangea	Hydrangea macrophylla
	Inula ensifolia
Sword-Leaved Iris; Jodlesong	Iris ensata
Siberian Iris; Cabernet	Iris siberica
Parsoni	Juniperus davurica



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Crape Myrtle; Tuscarora	Lagerstromia indica X fauriei
Weeping Lantana	Lantana montevidensis
Lavender; Munstead	Lavender spp.
Edelweiss	Leontopodium alpinum
Chinese Privet; Variegata	Ligustrum sinense
Lily; Jazz	Lilium spp.
Liriope, Variegated	Liriope muscari var. variegata
Liriope, Creeping	Liriope spicata
Cardinal Flower, Indian Pink	Lobelia cardinalis
Burgundy	Loropetalum chinense
Loosestrife; Modern Pink	Lythrum spp.
Yaku Jima, Silberfeder**	Miscanthus sinensis
Evening Primrose	Oenothera missouriensis
Osmanthus (False Holly): Gulf Tide	Osmanthus heterophyllus
Tree Peony	Paeonia suffruticosa
Fountain Grass (Dwarf)**	Pennisetum setaceum
	Perovskia atriplicifolia
Dragonhead, False; Vivid	Physostegia virginiana
Oak, Shumard's Red 44	Quercus shumardii
Yedda Hawthorne	Raphiolepis umbellata
'Delaware Valley White' 'Flame Creeper' 'Girard Crimson' 'George L. Tabor' 'Wakeiebisu' 'White Gumpo'	Rhododendron (including Azalea)
Black-Eyed Susan: Goldstrum	Rudbeckia spp.
Saxifrage; Purple Dome	Saxifraga spp.
Pincushion Flower	Scabiosa spp.
Stonecrop; Lidakense	Sedum cauticola
Stonecrop	Sedum dasyphyllum
Stonecrop; Dragon's Blood	Sedum spurium
Spirea: Anthony Waterer	Spiraea bumalda
Australian Brushcherry	Syzygium paniculatum
Germander	Teucrium spp.
Meadow Rue	Thalictrum dipterocarpum
Veronica, Speedwell; Sunny Border	Veronica spp.



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Arrowood Viburnum	Viburnum suspensum
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\*\* Landscape ornamentals only.

**CONIFER AND HARDWOOD SEEDLING NURSERIES (NON-ORNAMENTAL, FORESTRY USE ONLY)-VEGETATION MANAGEMENT-QUALI-PRO PRODIAMINE 65WDG**

1. Provides residual preemergence weed control in conifer and hardwood seedling nurseries.
2. Provides the most effective weed control when the product is activated in the soil by 0.5 inch of irrigation or rainfall before weed seeds germinate and within 14 days after application.
3. Should be applied to conifer and hardwood seedling nurseries any time after the soil has settled around newly transplanted seedlings and liners.

SITE	APPLICATION RATE		TIMING	COMMENTS/INSTRUCTIONS
	LBS./A	OZ./1,000 SQ.FT		
Conifer and Hardwood Seedling Nurseries	1.0-2.3	0.37-0.84	Apply in fall or spring before weed seeds germinate or after weeds are removed.	Use higher rate range for longer control. More than one application per year is permitted, but do not apply more than 2.3 lbs./A per year.
Southern Pine Seedbeds	0.75	---	Just after seeding and/or a minimum of 3 weeks after most seedlings have shed their seedcoat.	To assist in the establishment of Southern pine seedbeds, apply this product preemergence just after seeding pines. Application after emergence of pine seedlings should not occur until 3 weeks after most seedlings have shed their seedcoat. Mix this product with clean water and broadcast spray at 20 to 40 psi in a minimum of 20 gals. of water per treated area. After application, sprinkler irrigate beds with approximately ½ inch of water.
Hardwood, Seedbeds: Oak (Quercus spp.), Sweetgum, Green Ash	0.75-1.5	---	When seedlings are at least 6 weeks old (from time of 50% germination)	Use higher rate for longer control and when higher weed pressure is anticipated. The lower rate will provide 2 to 3 months of weed control. Broadcast to beds and apply approximately ½ inch of sprinkler irrigation afterwards.

**Tank Mixtures-Conifer Seedling Nurseries-Vegetation Management**

Quali-Pro Prodiamine 65WDG may be tank mixed with other registered herbicides listed on this label to provide a broader spectrum of weed control or to control emerged weeds. Tank mixes with Quali-Pro Prodiamine 65WDG are for use only in states where the tank mix partner, application site, and intended use pattern are registered.

Follow the label of the tank mix partner for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Before combining the tank mix partner in the spray tank, test compatibility by mixing the products in small container. See the **COMPATIBILITY TEST** section of the label attached to the container.

**Tank Mixing and Application-Vegetation Management**

**Tank Mix Partner for Quali-Pro Prodiamine 65WDG-Conifer Seedling Nurseries**

PRODUCT	PRECAUTIONS/INSTRUCTIONS
Goal®, Galigan® (use on conifers only)	Mix with Quali-Pro Prodiamine 65WDG for postemergence control of certain broadleaf weeds including malva and filaree.

**VEGETATION MANAGEMENT (NON-CROP AREAS)**

- May be applied in soil surfaces for preemergence control of many grass and broadleaf weeds.
- Is most effective when activated by at least 0.5 inch rainfall or irrigation, or shallow incorporation before weed seeds germinate and within 14 days after application.



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SITE	APPLICATION RATE		TIMING	COMMENTS/INSTRUCTIONS
	LBS./A	OZ./1000 SQ. FT		
NonCrop Areas, Including, ornamentals, on or surrounding managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards) Facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows	1.0-2.3	0.36-0.83	Before weed seeds germinate	Use higher rate for longer control. This product may be applied more than once per year but do not apply more than 2.3 lbs./A per year.

Quali-Pro Prodiamine 65WDG may be tank mixed with other registered herbicides to provide a broader spectrum of weed control or to control emerged weeds or brush. Tank mixes with Quali-Pro Prodiamine 65WDG are for use only in states where the tank mix partner(s) are registered for the application site.

**Tank-mix Partners with Quali-Pro Prodiamine 65WDG-Vegetation Management**

PRODUCTS	COMMENTS
Touchdown® Pro (and glyphosate-based products <sup>1</sup> ) Gramoxone®, Reward®, Predict®, Princep®, Vanquish®, diuron-based products <sup>1</sup> , Finale®, Gallery, Garlon®, Goal®, Krovar® I and II, Oust®, Arsenal®, Spike™, and Telar®	Follow the label(s) of the tank mix partner(s) for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Do not mix Quali-Pro Prodiamine 65WDG with any product whose label prohibits mixing with another pesticide.

<sup>1</sup> Products with this chemical as the active ingredient and which are labeled for the same use may be used.

**CHEMIGATION INSTRUCTIONS-OVERHEAD SPRINKLER IRRIGATION APPLICATION**

**Use Precautions**

1. Apply this product only through an overhead sprinkler irrigation system. Do not apply this product through any other type of irrigation system.
2. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or other experts.
3. To avoid injury to foliage, make sure foliage is sufficiently wet before application or adequate irrigation is applied after application.
4. If sprinkler distribution patterns do not overlap sufficiently, unacceptable weed control may result.
5. If sprinkler distribution patterns overlap excessively, injury to leatherleaf ferns may result.
6. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to public water systems unless pesticide label-prescribed safety devices for public water systems are in place.
7. If necessary, a person knowledgeable of the chemigation system and responsible for its operation, or someone under the supervision of the responsible person, shall shut the system down and make necessary adjustments.

**Operation Instructions**

1. The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively



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- designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.
  8. Prepare a mixture with a minimum of 20 parts of water to 1 part Quali-Pro Prodiamine 65WDG and inject this herbicide suspension mixture into the overhead system. Injecting a larger volume of a more dilute mixture per hour will usually provide more accurate calibration of metering equipment. Maintain sufficient agitation to keep the herbicide in suspension.
  9. Before injecting Quali-Pro Prodiamine 65WDG in to the system, run the irrigation system long enough to wet the foliage, then inject Quali-Pro Prodiamine 65WDG suspension mixture in the pesticide supply tank (see number 8 above) in 1 inch of irrigation water. After the application is complete, continue the irrigation until all residues are washed off the foliage.

**Application Precautions**

To reduce injury potential:

1. Direct application of Quali-Pro Prodiamine 65WDG to rapidly growing tissue or buds may injure desirable plants. Do not make over-the-top application of Quali-Pro Prodiamine 65WDG until after newly formed tissue has hardened off.
2. Immediately wash Quali-Pro Prodiamine 65WDG from plant surfaces onto soil.
3. Do not apply to newly transplanted ferns until after the plants are established and begin to grow.

**Weeds controlled**

COMMON NAME	SCIENTIFIC NAME
Florida Betony	Stachys flordana
Buttercup Oxalis	Oxalis pes-caprae
Crabgrass	Digitaria spp.
Common Vetch	Vicia sativa

**Weeds suppressed**

COMMON NAME	SCIENTIFIC NAME
Wandering Jew	Zebrian pendual

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