

QUALI-PRO[®]



OXADIAZON 2G

Herbicide

For sale to and use by professional applicators only. Not for sale to or use by homeowners/consumers. Not for use on home lawns.

Quali-Pro Oxadiazon 2G is a selective, preemergence herbicide for control of annual grasses and broadleaf weeds in turf and woody ornamental shrubs, vines, and trees.

ACTIVE INGREDIENT:	% BY WT.
Oxadiazon [2-tert-butyl-4-(2,4 dichloro-5-isopropoxyphenyl)-2-1,3,4-oxadiazoline-5-one]:	2.0%
OTHER INGREDIENTS:	98.0%
TOTAL:	100.0%

NET CONTENTS: 50 POUNDS



EPA 111016

KEEP OUT OF REACH OF CHILDREN
WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

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

EPA Reg. No.: 53883-372
EPA Est. No.: 48234-GA^R; 37429-GA-001^{BT};
37429-GA-002^{BO}

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



ADAMA

Manufactured for:

Control Solutions Inc.

5903 Genoa-Red Bluff, Pasadena, TX 77507

A member of Adama
Consumer and Professional Solutions

FIRST AID

IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® at (866) 897-8050 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. DO NOT get in eyes, on skin, or on clothing. Wear protective eyewear such as goggles, face shield, or safety glasses.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Loaders, 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.

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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, and notification to workers (as applicable). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the worker protection standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls
- shoes plus socks, and
- chemical-resistant gloves made of any waterproof material

PRODUCT INFORMATION

Quali-Pro Oxadiazon 2G is a selective, pre-emergent herbicide for control of annual grasses and many broadleaf weeds in commercial turf and on a wide variety of woody ornamental shrubs, vines, and trees. Quali-Pro Oxadiazon 2G controls weeds by killing the young weed seedlings as they come in contact with the herbicide during germination.

For best results, water-in the product as soon as practical after application.

State Specific Restrictions:

- The state of Arizona has not approved this product for use on agricultural commodities. If grown for commercial production, use on the following sites/crops is prohibited: container-grown, newly transplanted, and field-grown ornamental shrubs, vines, and trees.

DO NOT apply more than 300 lbs. Quali-Pro Oxadiazon 2G per acre per year (equivalent to 6 lbs. a.i./A/year) except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 400 lbs. Quali-Pro Oxadiazon 2G per acre per year (equivalent to 8 lbs. a.i./A/year).

DO NOT apply more than 200 lbs. Quali-Pro Oxadiazon 2G per acre (equivalent to 4 lbs. a.i./A) in a single application.

COMMERCIAL TURF

For use in established perennial Bluegrass, Bermudagrass, perennial Ryegrass, St. Augustinegrass, Tall Fescue, and Zoysia turf; such as fairways, parks, golf courses, and lawns. Quali-Pro Oxadiazon 2G controls Crabgrass (*digitaria* spp.), Annual Bluegrass (*Poa annua*), Goosegrass (*Eleusine indica*); and it also controls Florida Pusley (*Richardia scabra*), Oxalis (*Oxalis* spp.), Stinging Nettle (*Urtica dioica*), Carpetgrass (*Axonopus officinis*), and Pigweed (*Amaranthus* spp.).

Apply to dry foliage only with a properly calibrated granular applicator at recommended rate in early spring before weed seed germination. If rain is not expected shortly after application, irrigation to remove herbicide granules from foliage will increase effectiveness.

For Crabgrass, Goosegrass, and Crowfoot control, apply 100-200 pounds Quali-Pro Oxadiazon 2G per acre (2 to 4 pounds active ingredient) or 2 1/4 to 4 1/2 pounds per 1000 sq. ft. Late applications are not recommended and may not be fully effective.

For Annual Bluegrass control, apply 200 pounds/acre Quali-Pro Oxadiazon 2G (4 pounds active ingredient) or 4 1/2 pounds/1000 sq. ft. in early spring or late summer prior to seed germination.

For Pigweed, Florida Pusley, Oxalis, Stinging Nettle, and Carpetgrass control, apply 200 pounds/acre Quali-Pro Oxadiazon 2G (4 pounds active ingredient) or 4 1/2 pounds per 1000 sq. ft. in early spring prior to weed seed germination.

For St. Augustinegrass turf, DO NOT exceed the rate of 150 pounds/acre (3 pounds active ingredient) of Quali-Pro Oxadiazon 2G.

Discoloration of Bermudagrass and St. Augustinegrass may result from use of this herbicide, but this discoloration is temporary and normally outgrown within 2 to 3 weeks.

Red Fescue and Bentgrass are susceptible to Quali-Pro Oxadiazon 2G and may be severely damaged. Avoid use of this product on turf containing Red Fescue or Bentgrass except where they are undesirable grasses. DO NOT apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment. DO NOT apply to Dichondra or Centipedegrass. Quali-Pro Oxadiazon 2G should not be used on putting greens or tees because of varying cultural practices used.

WOODY ORNAMENTAL SHRUBS, VINES, AND TREES

APPLICATION:

Apply Quali-Pro Oxadiazon 2G anytime during the year prior to weed seed germination for weed control. Quali-Pro Oxadiazon 2G can be applied to both newly transplanted and established ornamentals. Application can be made to actively growing or dormant ornamentals. Rainfall or overhead irrigation after application of Quali-Pro Oxadiazon 2G will improve weed control activity. Quali-Pro Oxadiazon 2G should not be mixed into the soil. Cultivating or disturbing the soil may reduce the weed control activity of Quali-Pro Oxadiazon 2G. DO NOT apply to wet foliage or under conditions in which granules will collect on leaves.

AMOUNT TO USE:

Ground Application- Apply Quali-Pro Oxadiazon 2G broadcast to ornamentals at 100 to 200 pounds of product per acre (or 2 1/4 to 4 1/2 pounds per 1000 sq. ft.) depending on the weeds to be controlled, as listed below. Remove existing weed growth before application.

Quali-Pro Oxadiazon 2G at 100 to 200 pounds (2.0 to 4.0 pounds of active ingredient) per acre is effective in controlling annual grasses and broadleaf weeds:

Annual Broadleaf Weeds

Bittercress	<i>Cardamine</i> spp.
Carpetweed	<i>Mollugo verticillata</i>
Common Groundsel	<i>Senecio vulgaris</i>
Common Purslane	<i>Portulaca oleracea</i>
*Eveningprimrose	<i>Oenothera</i> spp.
*Galinsoga	<i>Galinsoga</i> spp.
Golden Ragwort	<i>Senecio aureus</i>
Lambsquarters	<i>Chenopodium album</i>
Pennsylvania Smartweed	<i>Polygonum pensylvanicum</i>
Petty Spurge	<i>Euphorbia peplus</i>
Redroot Pigweed	<i>Amaranthus Retroflexus</i>
Speedwell	<i>Veronica</i> spp.
Spotted Catsear	<i>Hypochaeris radicata</i>
*Swinecress	<i>Coronopus didymus</i>
Yellow Woodsorrel	<i>Oxalis stricta</i>

Annual Grasses

Annual Bluegrass	<i>Poa annua</i>
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*Barnyardgrass
Crabgrass
Fall Panicum
Green Foxtail

Echinochloa crus-galli
Digitaria spp.
Panicum dichotomiflorum
Setaria viridis

*Use 150 to 200 pounds Quail-Pro Oxadiazon 2G (3.0 to 4.0 pounds of active ingredient) per acre for less susceptible weeds.

Note: For the control of liverwort (*Marchantia* spp.) in California, Goosegrass (*Eleusine Indica*), and Prostrate Spurge (*Euphorbia supina*), use 200 pounds Quail-Pro Oxadiazon 2G (4.0 pounds of active ingredient) per acre.

CROP TOLERANCE

Quail-Pro Oxadiazon 2G is recommended for use on a wide variety of container and field-grown woody ornamental shrubs, vines, and trees. Quail-Pro Oxadiazon 2G may be used at the specified rates on the following ornamental species:

CONTAINER GROWN

ESTABLISHED

Species	Varieties
Agapanthus	Africanus
Andromeda	Japanese
Arborvitae	American, Eastern, Oriental, Aureanana, Globe, Pyramidal, Woodward
Arctostaphylos	Fred Oelher
Azalea	Hino Red, Red, Boudoir, Snowball, Karen, Kaempp, Stuartonian, Mollishybrid, Sweetheart Supreme, Salmon Beauty, Caroline Gable, Louise, Stewartsonian, Rosebud
Barberry	Redleaf, Marshall Red, Darwinii, Irwinii, Purpleleaf
Boxwood	Common, Japanese
Callistemon	Bottle-brush
Camellia	Glen #40, Sasanqua, Colonel Fiery
Ceanothus Cedar	Atlas, Portoford (Allumii)
Cotoneaster	Paineyi, Bearberry, Coral Beauty, Greyleaf, Cranberry, Silverleaf, Peking, Bright Bead, Dammeri Skolgholm, Microphylla, Lowfast, Glaucophylla
Cypress	Monterey
Dogwood	Red Osier
Douglas Fir	Pseudotsugamenziesii
Eucalyptus	Sideroxylon, Nicholli
Euonymus	Greenlane, Microphylla Variegata, Emeraldgaety, Dwarf, Gold spot, Golden Green, Silver King, Wintercreeper Vegetus, Emerald Cushion, Spreading
Forsythia	Lynwood gold
Gardenia	Amy Yashioka, August Beauty, Mystery
Ginkgo	Biloba
Heath Heather	Mrs. Maxwell
Hedera	English Ivy
Honeysuckle	Purpleleaf, Purpurea
Holly	Dwarf Okinowan, Convexa, Rotundifolia, Hetzi, Helleri, Burford, English, Hellus, Dwarf Yaupon, Nellie R. Stevens, Boxleafed, Green Island, Japanese
Jasmine	Yellow Star, Star
Juniper	Barharbor, Wiltoni, Torulosa, Pfitzeriana Compacti, Pfitzeriana Aurea, Torulosa Variegata, Pfitzeriana Glauca, Gulf Stream, Tam, Armstrongii, Shore Andora, San Jose, Blue Haven, Stricta, Jade River, Broadmoor, Meyeri, Rocket, Plumosa, Royal Beauty, Praecox, Greek, Apiculata
Justica	Blackburn, Plumosa Compacta, Procumbens, Blue Pfizer
Leucothoe	Brandegeana
Myrtle	Catesbaei, Axillaris
Magnolia	Compacta Noellii
Mahonia	Dr. Merrilli, Samuel Somers, Grandiflora
Osmanthus	Oregon Grape-Holly
Periwinkle	Fortunes
Phytolitia	Vinca Minor
Pine	Frazerii
Pittosporum	Slash, Japanese Black, Montana, Scotch, Digger, Shore, Thumbergii
Podocarpus	Variegated, Japanese
Privet	Macrophylla
Pyracantha	Japanese, Waxleaf, Glossy, Vicary, Golden Vicary, Curly Leaf
Quercus Raphiolepis	Victory, Coral Firethorn, Wyattii, Graberi
Rhododendron	India Hawthorn
Rose	Cunningham, Blue Diamond, Snow, Christmas, Chionoides, 'PJM', Dr. Rutgers, Coral Bells, President Clay
Star Jasmine	Summer Snow, Bigleaf Winter Creeper, Charlotte Armstrong
Syzygium	Yellow Star Jasmine
Viburnum	Paniculatum
Xylosma	Sandankwa, Laurestinus, David Congestum

NEWLY TRANSPLANTED

Species	Varieties
Andromeda	Japanese
Arborvitae	Glove, Woodward
Azalea	Hindo Red, Louise, Rosebud, Stewartsonian

Barberry	Marshall Red, Darwinii, Irwinii, Purpleleaf
Cedar	Portoford (allumii)
Cotoneaster	Cranberry, Peking, Coral Beauty, Bright Bead, Paineyi, Dammeri, Skogholm, Microphylla, Glaucophylla
Cypress	Monterey
Dogwood	Red Osier
Euonymus	Greenlane, Emerald Cushion, Spreading
Forsythia	Lynwood Gold
Holly	Rotundifolia, Helleri, English, Japanese
Juniper	Plumosa, Plumosa Compacta, Old Gold, Pfitzeriana Aurea, Torulosa, Armstrongii, Tam, Wiltoni, Procumbens
Leucothoe	Axillaris
Magnolia	Dr. Merrilli
Mahonia	Oregon Grape-Holly
Pine	Slash
Privet	Japanese, Waxleaf, Glossy
Pyracantha	Graberl
Rhododendron	Snow, Blue Diamond, Chionoides, 'PJM', Dr. Rutgers
Rose	Summer Snow, Bigleaf Winter Creeper, Charlotte Armstrong

FIELD GROWN

ESTABLISHED

Species	Varieties
Arborvitae	Pyramidal
Ash	Green
Azalea	Hinodi geri
Barberry	Red, Mentor
Birch	Clump, Paper
Camellia	Tiffany, Marie Bracey, Elizabeth Dowd, Tom Knudsen, Crimson Robe, R.D. Wheeler
Cotoneaster	Lowfast, Skogholm
Crabapple	Flowing, Toringo
Dogwood	Redstemmed, Red, Flowering
Euonymus	Burning Bush, Dwarf Burning Bush, Jewell
Forsythia	Showy Boarder, Lynngold, Lynwood Gold, Goldenbell
Holly	Boxleafed, Green Island, Japanese
Honeysuckle	Zabeli
Juniper	Plumosa, Mint Julip, Arcardia, Variegata; Plumosa Compacta, Andora, Wiltoni, Hetzi
Lilac	Persian, Dwarf Korean
Maple	Amur
Oak	Red
Periwinkle	Vinca Minor
Pine	Austrian, Scotch, Norway, Stone, Japanese, Black, Loblolly, Slash, Eastern White
Pittosporum	Undulatum
Privet	California, Japanese
Rhododendron	Rosebud
Rose	Texas Centennial, Sutters Gold, Show Girl
Russian Olive Spruce	Black Hills, Norway, Serbian
Taxus	Taunton Spreading Yew, Hicks
Tsuga	Canadian Hemlock
Viburnum	European Cranberry Bush
Xylosma	

Ground Covers

Carpobrotus	Edule
Osteo	
Spermum Sedum	Album
Algerian Ivy	
Vinca Major	
English Ivy	
Pachysandra	Terminalis
Ajuga	Reptans
Euonymus	Fortunei Radicans

NEWLY TRANSPLANTED

Species	Varieties
Camellia	Tiffany, Marie Bracey, Elizabeth Dowd, R.D. Wheeler, Tom Knudsen, Crimson Robe
Dogwood	Redstemmed, Red, Flowering
Forsythia	Showy Border, Lynwood Gold, Goldenbell
Hedera	English Ivy
Holly	Green Island, Japanese
Juniper	Plumosa, Andora, Wiltoni, Hetzi
Oak	Red
Periwinkle	Vinca Minor
Pine	White Austrian, Eastern White

Privet
 Rhododendron
 Russian Olive Spruce
 Taxus
 Tsuga

California, Japanese
 Rosebud
 Black Hills, Norway, Serbian
 Hicks
 Canadian Hemlock

ADDITIONAL APPLICATIONS

DO NOT apply more than 300 lbs. Quali-Pro Oxadiazon 2G per acre per year (equivalent to 6 lbs. a.i./A/year) except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 400 lbs. Quali-Pro Oxadiazon 2G per acre per year (equivalent to 8 lbs. a.i./A/year).

DO NOT apply more than 200 lbs. Quali-Pro Oxadiazon 2G per acre (equivalent to 4 lbs. a.i./A) in a single application.

For continued weed control, additional application of Quali-Pro Oxadiazon 2G may be made 60 to 120 days after the previous application in the following situations:

2 REPEAT TREATMENTS					
Container-Grown Established		Container-Grown Newly Transplanted		Field-Grown Established and Newly Transplanted	
Species	Varieties	Species	Varieties	Species	Varieties
Abelia	Grandiflora	Common Boxwood		Holly	Nellie R. Stevens, Dwarf Burford, Burford
Common boxwood		English Ivy			
English Ivy		Juniper	Tam		
Holly	Helleri	Pine	Slash		
Juniper	Tam	Rhododendron	Obtusa Kurume Formosa		
Pine	Slash				
Rhododendron	Obtusa Kurume Formosa Kurume Snow				
3 REPEAT TREATMENTS					
Container-Grown Established					
Species			Varieties		
Abelia			Grandiflora		
Holly			Helleri, Rotundifolia		
Rhododendron			Kurume Formosa, Kurume Snow		
Greenhouse-Grown Established					
Species			Varieties		
Rose			Sonia, Forever Yours, Coed, Golden Wave		
Forest Nurseries Seedlings- At least 4 weeks old					
Species			Varieties		
Pine			Loblolly, Slash, Eastern White		

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in dry area. DO NOT store near other pesticides or seeds.

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

CONTAINER DISPOSAL:

Nonrefillable Container (flexible-bag-all weights): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 ¼ 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.

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 ¼ 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.

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.

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 Control Solutions, Inc. All such risks shall be assumed by the user or buyer.

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

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

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