



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Carroll Draper  
Registration Specialist  
Control Solutions, Incorporated  
5903 Genoa-Red Bluff  
Pasadena, TX 7507-1041

AUG 24 2007

RE: Notification to add Hawaii to Zone Map  
EPA Registration Number: 53883-180  
Date of Submission: July 30, 2007

Dear Ms. Draper:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated July 30, 2007 for the product Oxadiazon 1.0 Plus. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

2/9



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 53883 -180	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Oxadiazon 1.0 Plus	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  AUG 24 2007
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 Notification to include Hawaii on Zone map. Please see highlighted text page (5) of attached labeling. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> on label
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Carroll Draper	Title Registration Specialist	Telephone No. (Include Area Code) 800-242-5562
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Registration Specialist	
4. Typed Name Carroll Draper	5. Date 7-30-07	

3/9  
NOTIFICATION  
AUG 24 2007

# OXADIAZON 1.0 PLUS

FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF MANAGEMENT & LANDSCAPE PERSONNEL. NOT FOR USE ON HOME LAWNS. FOR USE ON GOLF COURSES, NURSERIES, PARKS, SOD FARMS, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS.

A Turf Fertilizer plus pre-emergent weed control product. For use on varieties of Perennial Bluegrass, Bentgrass, Bermuda grass, Buffalo grass, Perennial Ryegrass, St. Augustine grass, Seashore Paspalum, Tall Fescue and Zoysiagrass. Also for use around Ornamental Shrubs, Vines, Trees, and Ground Covers, as listed on this label. Controls Crabgrass, Goosegrass, Poa annua, Annual Sedge and other weeds as listed, on Golf Courses, Parks and recreational and Ornamental turf.

ACTIVE INGREDIENT: Oxadiazon*	1.0%
OTHER INGREDIENTS:	99.0%
TOTAL:	100.0%

\*CAS [19666-30-9]

EPA Reg. No. 53883-180  
EPA Est. No. 53883-TX-002

Net Contents \_\_\_\_\_

First letter of bag code shows establishment where manufactured.  
See tag attached to bag for fertilizer guaranteed analysis.

Sold by: CONTROL SOLUTIONS, INC.  
5903 Genoa-Red Bluff Pasadena, TX 77507

## 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 this label, find someone to explain it to you in detail.)

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Wear protective eyewear (goggles, face shield or safety glasses). Causes skin irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid breathing dust, or contact with skin, eyes or clothing. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants; chemical resistant gloves, chemical resistant footwear plus socks; protective eyewear, headgear for overhead exposure; chemical resistant apron when cleaning equipment. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:** Applicators 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. 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.

<b>FIRST AID</b>	
<b>IF SWALLOWED:</b>	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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
<b>IF IN EYES:</b>	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
<b>IF ON SKIN:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
<b>IF INHALED:</b>	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. Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment.

**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 apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters.

**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. Do not apply this product through any type of irrigation system. Apply only as specified on this label.

**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 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) notification to workers, and restricted entry intervals. 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; chemical resistant (Barrier Laminate) gloves, chemical resistant footwear plus socks, protective eyewear, and chemical resistant headgear for overhead exposure.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements of 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, and nurseries. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Wear protective clothing including long-sleeved shirt and impervious gloves when handling Launder exposed clothing before reuse. Do not allow entry to areas treated until dusts have settled or if watering in is required, until treated area and grass is dry.

**WEEDS CONTROLLED:**

Annual Bluegrass	*Evening Primrose	**Jungle Ricegrass	Sow thistle
Annual Sedge	Fireweed	Lambsquarter	Speedwell-Veronica
*Barnyardgrass	Field Sandbur	**Liverwort	Spotted Catsear
Bittercress	Foxtail, Green, Bristly	Oxalis	Spurge; Garden,
Carpetweed	Fall Panicum	**Panama Paspalum	Petty, **Prostrate
Carpetgrass	Florida Pusley	Pennsylvania Smartweed	Stinging Nettle
Common Groundsel	*Galinsoga	Redroot Pigweed	*Swinecress
Common Purslane	Golden Ragwort	Sensitive plant	Virginia Buttonweed
Crabgrass	*Goosegrass	Shepherdspurse	Yellow Woodsorrel

\*For these weeds use 3 to 4 lbs a.i. per acre (equal to 300 to 400 lbs. of this product per acre or 6.9 lbs. to 9.2 lbs. of this product per 1,000 sq. ft.).

\*\*For these difficult-to-control weeds use 4 lbs. a.i./ acre (equal to 400 lbs. of this product per acre or 9.2 lbs. per 1,000 sq. ft.)

**WHERE, HOW MUCH AND WHEN TO USE ON TURFGRASS:** This product may be used at full rate or as a split application (see SPRING AND SPLIT APPLICATIONS ON GOLF COURSES section for instructions on how to apply the 3 lbs. or 4 lbs. a.i. per acre as a split application) in established Perennial Bluegrass, Bentgrass (see restrictions), Bermudagrass, Buffalograss, Perennial Ryegrass, St. Augustinegrass, Seashore Paspalum, Tall Fescue, and Zoysiagrass turf, at apartment/condominium complexes, corporate and public parks, golf courses, sod farms, athletic fields, playgrounds, cemeteries and other ornamental and recreational turfgrass areas. Not for use on home lawns. The turf should be free of leaves and thatch and in condition to allow the granules to reach the soil surface. Know the square footage of the area to be treated and uniformly apply with a granule spreader. Do not apply to turf when it is wet. When using at full rate do not overlap spreader applications, especially on St. Augustinegrass since discoloration "streaking" damage may temporarily occur from the "doubled-up rate." See section on this label entitled PRECAUTIONS IN USING ON TURFGRASS for the maximum rate for St. Augustinegrass and Bentgrass of 3 lbs. a.i. per acre which is equiv. to 6.9 lbs. of this product per 1,000 sq. ft. After applications if rain is not expected within 24 hours, sprinkler irrigate the treated turf with up to a 1/4 inch of water to release the herbicide for maximum weed control and quicker response from the fertilizer nutrients. This product is a pre-emergence herbicide and must be applied prior to weed seed germination. It will not control growing weeds.

**PRECAUTIONS IN USING ON TURFGRASS:** For St. Augustinegrass and Bentgrass turf, DO NOT exceed the rate of 3 lbs. a.i. per acre, equal to 300 lbs. of this product or 6.9 lbs. of this product per 1,000 sq. ft. DO NOT apply to Bentgrass turf mowed less than 3/8 inch. This product may cause discoloration of Bentgrass, Bermudagrass and St. Augustinegrass but this discoloration is temporary. Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label. 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. DO NOT use on golf course putting greens or tees. NOTE: For newly seeded lawns DO NOT apply this product until after the second cutting. For best turf management, place new grass seed in the fall. Spring pre-emergence weed control can then be applied.

**SPRING AND SPLIT APPLICATIONS ON GOLF COURSES:** The 3 LBS. & 4 LBS. active ingredient, per acre rates may be applied as a split application. Weed control and better turf management may be programmed by splitting the per acre rate into "two" separate applications. For example, to accomplish this in region #5 (see map of US) apply 1.5 lbs a.i. (for a required 3 lbs. a.i./acre rate) or 2 lbs. a.i. (for a required 4 lbs. a.i./acre rate) as the first application 1 to 2 weeks before estimated weed seed germination or in late December or early January. Follow with the second "1/2 rate" in 60 days or the first of March. The timing for these applications should be closely programmed to the geographic region (see map of US) and adjusted to an "early" or "late" spring. Do not split the 2 lbs. a.i./acre rate. The 3 lbs. a.i./acre rate should not be split if applied to new turf areas first coming under turf management where weed pressure is expected to be heavy.

4/9

PRE-EMERGENCE WEED CONTROL (Refer to map of US)			
Weeds Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass ( <i>Digitaria spp.</i> ) Goosegrass ( <i>Eleusine indica</i> ) Field Sandbur ( <i>Cynchus insertus</i> ) Annual Sedge ( <i>Cyperus compressus</i> )	200 to 400 lbs. per acre  (2 to 4 lbs. a.i. per acre)	4.6 to 9.2 lbs. per 1,000 sq. ft.	Apply in late winter or early spring prior to weed seed germination. See map. In areas 4 & 5 application made after April or May not be fully effective.
Annual Bluegrass ( <i>Poa annua</i> )	200 to 400 lbs. per acre  (2 to 4 lbs. a.i. per acre)	4.6 to 9.2 lbs. per 1,000 sq. ft.	Apply in late summer to early fall prior to weed seed germination.
Virginia Buttonweed ( <i>Diodia</i> ) Pigweed ( <i>Amaranthus spp.</i> ) Florida Pusley ( <i>Richardia scabra</i> ) Oxalis ( <i>Oxalis spp.</i> ) Stinging Nettle ( <i>Urtica dioica</i> ) Carpetgrass ( <i>Axonopus officinis</i> )	400 lbs. per acre (4 lbs. a.i. per acre)	9.2 lbs. per 1,000 sq. ft.	Apply in early spring prior to weed seed germination.

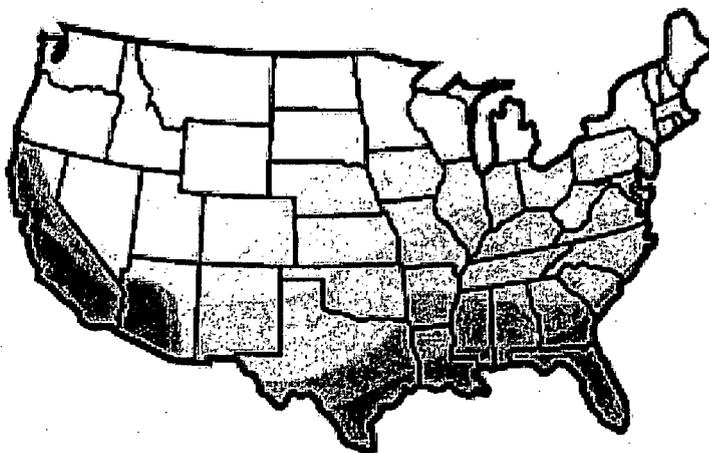
FALL APPLICATION FOR SPRING WEED CONTROL IN COOL SEASON TURF			
Weeds Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass, Goosegrass and other annual weeds as listed	300 to 400 lbs. per acre  (3 to 4 lbs. a.i. per acre)	6.9 to 9.2 lbs. per 1,000 sq. ft.	For use in Bluegrass, Bentgrass, perennial Ryegrass and Tall Fescue. Make application in the fall after turf has become dormant. For late fall applications, seeding into treated areas should be delayed until 4 months after greenup.

ANNUAL BLUEGRASS CONTROL IN BERMUDAGRASS FAIRWAYS OVERSEEDED WITH PERENNIAL RYEGRASS ONLY			
Weeds Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Annual Bluegrass ( <i>Poa annua spp.</i> )	200 lbs. per acre  (2 lbs. a.i. per acre)	4.6 lbs. per 1,000 sq. ft.	Apply in late summer to early fall prior to <i>Poa annua spp.</i> seed germination. Any <i>Poa annua spp.</i> established when this product is applied will not be controlled. It should not be applied closer than 60 days to overseeding. Do not use where <i>Poa trivialis</i> is present in the overseed mixture. Apply the full 2 lb a.i. rate in one application. Note: In many areas annual bluegrass exists as at least two biotypes or subspecies of <i>Poa annua</i> . The true annual biotype, " <i>Poa annua spp. annua</i> " which germinates from seed every year is controlled while the biotype " <i>Poa annua spp. var. ai.s</i> " which behaves like a perennial and survives through the summer, as an established plant, cannot be controlled. Consult the extension service or University weed specialist in your area for more information concerning your locale.

ANNUAL WEED CONTROL DURING ESTABLISHMENT FROM "SPRIGS" OF BERMUDAGRASS, ZOYSIAGRASS, AND SEASHORE PASPALUM			
Weeds Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass, Goosegrass, Annual Sedge and other annual weeds	200 to 300 lbs per acre  (2 to 3 lbs. a.i. per acre)	4.6 to 6.9 lbs. per 1,000 sq. ft.	Refer to Map of U.S. on this label. For Bermudagrass make application immediately prior to, or, immediately after sprigging. For Seashore Paspalum and Zoysia make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For best results sprinkler irrigate the "sprigged" areas with up to 1/4 inch water after application.

**WHERE, HOW MUCH, AND WHEN TO USE, AROUND ORNAMENTALS** Can be applied anytime of the year prior to weed seed germination to both newly transplanted and established actively growing or dormant ornamental plants where both weed control and fertilization is desired. Rainfall or overhead irrigation will improve weed control activity. Do not mix into soil. Disturbing or cultivating the soil after treatment may reduce weed control. Do not apply granules to wet foliage or under conditions in which granules will collect on leaves, if so, sprinkler-irrigate the plants to move granules off foliage and down to soil level. Do not apply in greenhouses as plant injury may likely result. Use the higher application rates for areas that have a history of heavy weed pressure. For best weed control around ornamentals first remove any existing weed growth and if possible rake, cultivate and smooth the soil surface by breaking-up clumps. Broadcast the granules evenly over the prepared soil by applying the 2 to 4 lbs a.i. per acre, equal to 200 to 400 lbs. of this product per acre or 4.6 to 9.2 lbs. per 1,000 sq. ft.

**CRABGRASS SEED GERMINATION DATES [Hawaii is included in the January 1 to March 20 Zone]**



- After May 30
- After May 10
- After April 20
- After March 20
- January 1 to March 20

**SPREADER SETTINGS FOR POUNDS OF PRODUCT PER ACRE:** The following spreader settings are for new equipment. Used, or heavily worn equipment may require adjustments. For proper setting calibration refer to the spreader manufacturer's Maintenance Manual. Do not apply this product until equipment is properly calibrated to accurately apply the desired pounds of product per acre, as recommended on this label.

SPREADER SETTINGS	for 1.5 lb. a.i./acre	for 2 lb. a.i./acre	for 3 lb. a.i./acre	for 4 lb. a.i./acre
Spyker 24-22 Rotary				





**C O N T R O L**  
**S O L U T I O N S**  
i n c o r p o r a t e d

July 30, 2007

Document Processing Desk (NOTIF)  
Office of Pesticide Programs  
U.S. Environmental Protection Agency  
One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

**Re: Notification per (PR) Notice 98-10, Add Hawaii to Zone Map  
EPA Reg. No. 53883-180 Oxadiazon 1.0 Plus**

Dear Sir or Madam:

Enclosed is a Notification to add the State of Hawaii to the zone map. See highlighted text on page (5) of the enclosed label.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If you have any questions or need additional information, please feel free to contact me.

Sincerely,

Carroll Draper  
Registration Specialist