

81943-16

10/25/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

## NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

81943-16

Date of Issuance:

OCT 25 2007

Term of Issuance: Conditional

Name of Pesticide Product:

Double Down Herbicide

Name and Address of Registrant (include ZIP Code):

Phoenix Environmental Care, LLC  
 P.O. Box 370  
 Valdosta, GA 31603

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided you agree in writing to:

1. Change the Hazards to Humans and Domestic Animals statements to "Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing."
2. To the Environmental Hazards section add "or rinseate" after "equipment washwater".
3. To the Condition of Sale and Limitation Warranty and Liability section change "All such risks" to "To the extent consistent with applicable law, all such risks", "Phoenix Environmental Care, LLC Makes No" to "To the extent consistent with applicable law, Phoenix Environmental Care, LLC Makes No", "To the extent allowed by applicable law" to "To the extent consistent with applicable law", and "the exclusive remedy of the user" to "To the extent consistent with applicable law, the exclusive remedy of the user".

- 4. Per the Oxyfluorfen RED, the following Spray Drift Buffer Restrictions must be added to the label: "A 25 ft. vegetative buffer strip must be maintained between all areas treated with this product and lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds. Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals. For groundboom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use coarse spray according to ASAE 572 definition for standard nozzles or VMD of 475 microns for spinning atomizer nozzles. The applicator also must use all other measures necessary to control drift."
- 5. To comply with the Oxadiazon RED add to the Directions for Use under General Precautions and Restrictions "The maximum application rate is 6 lbs. a.i. Oxadiazon per acre per year, except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 8 lbs. a.i. Oxadiazon per acre per year."
- 6. To the Directions for Use add "For best results, water-in the product as soon as practical after application."

Signature of Approving Official:

Joanne Miller, Product Manager (23)  
Herbicide Branch, Registration Division (7505P)

Date:

OCT 25 2007

EPA Form 8570-6

You will submit one copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). A stamped copy of labeling is enclosed for your records. If you have any questions please contact Erik Kraft at 703-308-9358.

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# DoubleDown™

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

For preemergent control of weeds in commercial nursery and ornamental landscapes. Especially suited for use in container, field grown and landscape ornamentals, and foliage crops.

**ACTIVE INGREDIENTS:**

Oxyfluorfen: 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl) benzene..... 2.0%  
Oxadiazon: [2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-2-1,3,4-oxadiazoline-5-one] ..... 1.0%

**OTHER INGREDIENTS:** ..... 97.0%

**TOTAL:** ..... 100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
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 1-888-875-1724 for emergency medical treatment information.	

Net Contents: \_\_\_ Lb.

EPA Reg. No. 81943-\_\_

EPA Est. No.: \_\_\_\_

Phoenix Environmental Care, LLC  
P.O. Box 370 • Valdosta, GA 31603

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**

OCT 25 2007  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

81943-16

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Avoid contact with eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, and neoprene rubber  $\geq$  14 mils. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves
- Chemical-resistant apron for mixers and loaders

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**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:**

**User 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 product is toxic to aquatic invertebrates and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. See Directions for Use for additional restrictions. Do not contaminate water when disposing of equipment wash water.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

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. 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 24 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 gloves made of any waterproof material
- Shoes plus socks

**GENERAL INFORMATION**

DoubleDown is a dry-granule preemergent herbicide for use on container and field grown ornamentals. DoubleDown has a unique combination of active ingredients that provides ornamental plant tolerance and a broad spectrum of weed control, including the following weeds:

**Weed Grasses**

- |   |   |
|---|---|
| Annual bluegrass ( <i>Poa Annua</i> )         | Goosegrass ( <i>Eleusine indica</i> )     |
| Barnyardgrass ( <i>Echinochloa crusgali</i> ) | Sprayletop ( <i>Leptochloa uninerva</i> ) |
| Crabgrass ( <i>Digitaria sanguinalis</i> )    |   |

**Broadleaf Weeds**

- |   |   |
|---|---|
| Bittercress ( <i>Cardamine pensylvanica</i> ) | Pearlwort ( <i>Segina procumbens</i> )            |
| Common Chickweed ( <i>Stellana media</i> )    | Pepperweed ( <i>Lepidium virginicum</i> )         |
| Cudweed ( <i>Gnaphalium obtusifolium</i> )    | Pigweed ( <i>Amaranthus retroflexus</i> )         |
| Dandelion ( <i>Taraxcum officinale</i> )      | Shepherdspurse ( <i>Capsella burse-pastoir</i> )  |
| Fireweed ( <i>Epilobium angustiolium</i> )    | Sowthistle ( <i>Sonchus arvensis</i> )            |
| Fleabane ( <i>Erigeron stingosus</i> )        | Spurge, Garden ( <i>Euphorbia hirta</i> )         |
| Groundsel ( <i>Seneco vulgans</i> )           | Spurge, Prostrate ( <i>Euphorbia humistrata</i> ) |
| Horseweed ( <i>Conyza Canadensis</i> )        | Spurge, Spotted ( <i>Euphorbia maculate</i> )     |
| Oxalis ( <i>Oxalis stincta</i> )              |   |

NOTICE: Plant tolerance to DoubleDown has been found to be acceptable on all ornamentals that it has been tested on, including those listed in the table below. However, due to the large number of species and varieties of ornamental and nursery plants as well as growing conditions, it is impossible to test every combination for tolerance to DoubleDown. *Neither the manufacturer nor the seller has determined the safe use of DoubleDown on ornamental plants not specified on this label.* For plants not specifically listed on this label, the user should determine plant tolerance to DoubleDown on a test sample of plants prior to widespread use. In some instances, efficacy may be found to vary.

**Container and / or Field Grown Plants Safe for Use with DoubleDown**

- |                                    |                       |                           |
|------------------------------------|-----------------------|---------------------------|
| Abelia                             | Euonymus <sup>†</sup> | Pittosporum               |
| Acacia                             | Forsythia             | Potentilla <sup>†</sup>   |
| Acer                               | Gardenia              | Prunus                    |
| Araucanria                         | Hydrangea             | Pyracantha                |
| Azalea (Rhododendron) <sup>†</sup> | Hypencum              | Quercus                   |
| Berberis                           | Ilex <sup>†</sup>     | Raphiolepis               |
| Betula                             | Jasminum              | Rhododendron <sup>†</sup> |
| Buxus                              | Juniperus             | Santoina                  |
| Callistemon                        | Ligustrum             | Schfflera                 |

**Container and / or Field Grown Plants Safe for Use with DoubleDown**

Camellia	Lonicera	Spraea
Cercis	Magnolia	Syringa
Chamaecyparis	Mahonia	Taxus
Chamaedorea	Neium	Thuja
Cornus	Pachysandra	Viburnum
Cotoneaster	Photinia	Weigeta
Cupressus	Picea	Xyloma
Cytisus	Pieris	
Escallonia	Pinus	

† Certain species may be sensitive to this herbicide and test plots should be used to determine sensitive cultivars prior to widespread use.

**USE PRECAUTIONS**

- Do NOT apply to any edible food crops.
- Do NOT apply to moist or wet foliage.
- Do NOT apply to plant types whose leaves funnel the herbicide granules to the leaf base; the accumulation can result in foliage injury and granule removal is difficult.
- Do NOT apply in wind conditions that will cause uneven product distribution; uneven distribution will result in erratic weed control.
- Do NOT apply to plants that are producing flush new growth; new leaves are especially sensitive to this product and injury may result.
- Do NOT use on any varieties or cultivars unless you are familiar with the results on specific plant materials under your growing conditions.
- Not for use on home lawns.

**APPLICATION INSTRUCTIONS**

Apply 100 lbs. per acre (2.3 lbs. per 100 sq. ft.) of DoubleDown prior to weed seed germination using a spreader that provides even and accurate particle distribution. 100 lbs. per acre of DoubleDown contains 2 lbs. oxyfluorfen active ingredient and 1 lb. oxadiazon active ingredient. Do not apply more than 2 lbs. oxyfluorfen (100 lbs. DoubleDown) per acre per application. Once the product has been applied, do not disturb the soil surface or uniform placement will be disrupted and the effectiveness reduced.

For best results, approximately ½ inch of water should be applied (either as rainfall or irrigation) to water in the herbicide and to wash granules off the plant foliage as soon as practical after application.

For continued weed control, repeat applications at 3-4 month intervals are recommended. Do not apply more than 300 lbs. DoubleDown per season (6 lbs. oxyfluorfen active ingredient and 3 lbs. oxadiazon active ingredient).

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a clean, dry place.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. 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.

**CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Phoenix Environmental Care, LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Phoenix Environmental Care, LLC and Seller harmless for any claims relating to such factors.

Phoenix Environmental Care, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with the Directions for Use. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Phoenix Environmental Care, LLC and Buyer and User assume the risk of any such use. PHOENIX ENVIRONMENTAL CARE, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent allowed by applicable law, neither Phoenix Environmental Care, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF PHOENIX ENVIRONMENTAL CARE, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF PHOENIX ENVIRONMENTAL CARE, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Phoenix Environmental Care, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Phoenix Environmental Care, LLC.

Regal O-O Herbicide® is not manufactured or distributed by Regal Chemical Company, seller of Regal O-O Herbicide®.

Regal O-O Herbicide® is a trademark of Regal Chemical Company.  
DoubleDown™ is a trademark of Phoenix Environmental Care, LLC.