

10/29/2009



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

OCT 29 2009

Mr. Richard M. Gorrel  
Bayer Environmental Science  
2 T. W. Alexander Drive,  
Research Triangle, NC 27709

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4 and 98-10  
Storage & Disposal and Other Changes (Warranty statement)

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 and 98-10 dated August 18, 2009 for:

**EPA Registration 432-960      Derringer F Herbicide**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and 98-10 and finds that the label change(s) requested falls within the scope of PRN-2007-4 and 98-10. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

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

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

3/12

 United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<b>Registration</b> <b>Amendment</b> <b>Other</b>	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 432-960	2. EPA Product Manager Ms. Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Derringer F Herbicide	PM# <u>23</u>	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 2 T. W. Alexander Drive Research Triangle Park, NC 27709 <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"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION  
OCT 29 2009

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 See attachment for certification statements

**Section - III**

**1. Material This Product Will Be Packaged In:**

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.    No. per container	If "Yes" Package wgt    No. per container

**3. Location of Net Contents Information**  
 Label     Container

**4. Size(s) Retail Container**  
 2x2.5 gallon


**5. Location of Label Directions**  
 on label

**6. Manner in Which Label is Affixed to Product**  
 Lithograph Paper glued Stenciled     Other \_\_\_\_\_

**Section - IV**

**1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)**

Name Richard M. Gorrell	Title Manager, Registrations	Telephone No. (include Area Code) (919) 549-2423
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<p style="text-align: center;"><b>Certification</b></p> 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 or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Manager, Registrations	
4. Typed Name Richard M. Gorrell	5. Date August 18, 2009	

**Container Disposal and Warranty Statement Certification Statements**

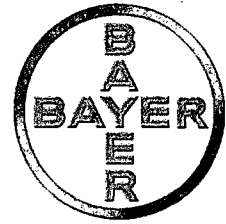
Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and it may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

- Container Disposal Statement Revision as per EPA mandate

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 U.S.C. 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.

- Warranty Statement Revised as per EPA mandate

# Bayer Environmental Science



4  
13

August 18, 2009

EPA09RMG0818DerringerFNotifContDisp-Warrant  
Fedex

Ms. Linda Arrington  
U.S. Environmental Protection Agency  
Office of Pesticide Programs (7504P)  
Document Processing Desk (Notif)  
Room S-4900, One Potmac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

RE: Derringer F Herbicide(EPA Reg No. 432-960) Notification to Add Container  
Disposal and Warranty Statements

Dear Ms. Arrington:

Bayer Environmental Science (BES) is notifying the Agency of the addition of a revised container disposal and warranty statements for the Derringer F Herbicide label. The label language is exactly as prescribed by the Agency for both statements.

Bayer Environmental Science  
2 T.W. Alexander Drive  
RTP, NC 27709  
Phone : 919.549.2000

The following information is included with this amendment:

- 8570-1 form
- Revised Label (4 paper copies; one highlighted copy)

If you have any questions, contact me at (919) 549-2423 or email me at [mike.gorrell@bayercropscience.com](mailto:mike.gorrell@bayercropscience.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Gorrell".

Richard M. Gorrell  
Manager, Registrations

Cc: Karen Shearer

# DERRINGER™ F HERBICIDE

For Postemergence Weed Control in Conifer and Hardwood Tree Plantings

**NOTIFICATION**

OCT 29 2009

**ACTIVE INGREDIENT:**

Glufosinate-ammonium†

(CAS Number 77182-82-2) .....11.33% \*

**OTHER INGREDIENTS:** .....88.67%

**TOTAL** .....100.00%

Equivalent to 1.00 pound of active ingredient per U.S. gallon

†Protected by U.S. Patent No. 4,400,196

**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.)

EPA Registration Number 432-960

EPA EST. NO.

IN CASE OF MEDICAL, ENVIRONMENTAL, OR TRANSPORTATION EMERGENCIES OR INQUIRIES, CALL 1-800-334-7577 (24 hours/day)

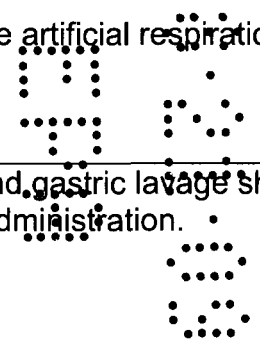
For product inquiry information, call toll free: 1-800-331-2867

## FIRST AID

If swallowed:	<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 by a poison control center or doctor.</li> </ul>
If in eyes:	<ul style="list-style-type: none"> <li>• Hold eyes 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin:	<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>
If inhaled:	<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 mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**NOTE TO PHYSICIAN:** If this product is ingested, endotracheal intubation and gastric lavage should be performed as soon as possible, followed by charcoal and sodium sulfate administration.

**Additionally, call 1-800-334-7577 immediately for further information.**



# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMAN AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist.

### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

### Applicators and other handlers must wear:

Long sleeved shirt and long pants; chemical-resistant gloves such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton® ≥ 14 mils; shoes plus socks; protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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 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

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 clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources or arable land. Glufosinate-ammonium and its degradates have those properties normally associated with pesticides that have been detected in groundwater. Use of this product in areas with coarse soils and high water tables may result in groundwater contamination.

## STORAGE AND DISPOSAL

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

### PESTICIDE STORAGE:

Do not store near heat or open flame.

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

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## GENERAL INFORMATION

Derringer™ F Herbicide is a non-selective water-soluble herbicide for application as a foliar spray. When applied as recommended in this label, Derringer F Herbicide controls a broad spectrum of emerged annual and perennial grass and broadleaf weeds. Derringer F Herbicide will also control certain woody species including conifers. Plants that have not yet emerged at the time of application will not be controlled. THOROUGH SPRAY COVERAGE IS IMPORTANT. Visual effects and control from application of Finale VM Herbicide occur within 2 to 4 days after application under good growing conditions.

*Avoid all contact, including direct spray and drift, with foliage or green tissue of desirable plants.* This product is non-selective and will injure or kill all green vegetation contacted by the spray. If desirable vegetation is contacted, rinse the sprayed portion with water immediately.

Derringer F herbicide works best when weeds are actively growing. Applications may be made on a broadcast, banded, or spot treatment basis depending on the situation. Weed control may be reduced when applications are made to weeds under stress due to drought or cool temperatures. Weeds under stress or in dense populations will require application at the highest rate recommended. Regrowth may occur due to the weed stage of growth at application, low use rate, or environmental conditions. Repeat treatments may be necessary to control plants generating from underground parts or seed. Refer to the *How to Apply* section of this label for the recommended rates and a list of weeds controlled.

Aerial applications of Derringer F Herbicide should be made only under the conditions specified within this label. Refer to the weed and stage of growth tables shown in the following sections for specific information.

## DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.**

Do not use this product until you have read the entire label.

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. In the State of New York only: Not for use in Nassau and Suffolk Counties.

## 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 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 gloves such as barrier laminate, butyl rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Vitron® ≥14 mils; shoes plus socks; protective eye-wear.

## WHEN TO APPLY

Best results are obtained when weeds are actively growing. Weed control may be reduced when applications are made to weeds under stress due to drought or cool temperatures. Weeds under stress or in dense populations will require application of the highest recommended rate.

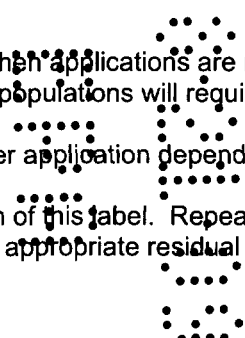
Derringer F Herbicide is rainfast in a minimum of one-half hour and an average of 4 hours after application depending upon weed species, environmental conditions, and herbicide application rate.

Derringer F Herbicide should be applied at the rate recommended in the *How to Apply* section of this label. Repeat applications of Derringer F Herbicide or tank mixes of Derringer F Herbicide plus one or more appropriate residual herbicide(s) will be needed to control weeds emerging from underground parts or seeds.

## HOW TO MIX

Mix Derringer F Herbicide with water to make a finished spray solution as follows:

1. Fill the spray tank with the required amount of water.
2. Add the proper amount of this product, then mix thoroughly.



### USE PRECAUTIONS

1. **DO NOT** apply this product through any type of irrigation system.
2. **DO NOT** apply directly to or allow drift to contact desirable green tissue or green, thin, or uncalloused bark of desirable vegetation.
3. Derringer F Herbicide is rainfast in a minimum of one-half hour and an average of 4 hours after application depending upon weed species, environmental conditions, and herbicide application rate.
4. **DO NOT** allow grazing of vegetation treated with this product.

### HOW TO APPLY

#### Spot or Directed Applications

This product may be used as a spot- or directed-spray application. Prepare the desired volume of spray solution by mixing Derringer F Herbicide in water at the amounts indicated in the following table:

Amount of Derringer F Herbicide to make the following Volume of Spray				
Solution: Percent Spray	Solution	1 Gallon	25 Gallons	100
Gallons				
gallon	1%	1 ½ fl oz	2 pints	1
	1 ½ %	2 fl oz	3 pints	1 ½ gallon
gallon	2 ½ %	3 fl oz	5 pints	2 ½
gallon	3 %	4 fl oz	6 pints	3
gallon	6 %	8 fl oz	12 pints	6

Determine the proper percent spray solution depending upon the weed and stage of growth as shown in the following sections. Spray undesirable vegetation foliage on a spray-to-wet basis. Do not apply beyond runoff. Ensure uniform and complete coverage. Use a coarse spray. To minimize drift, avoid spraying during windy conditions. Backpack, pump-up, and hydraulic sprayers may be used. Thoroughly clean the sprayer following use.

#### Ground Broadcast or Boom Applications

Apply 2 to 6 quarts of Derringer F Herbicide per acre in a minimum of 20 gallons of water per acre depending upon the weed species as shown in the following sections. Use adequate water and pressure to ensure thorough coverage.

#### Aerial Applications

Apply as a foliar treatment using a minimum of 5 gallons of water per acre to ensure thorough coverage. Do not apply when winds are gusty or under any conditions which favor drift on to desirable vegetation. Applications under conditions, which cause drift of this product, will result in damage to any vegetation contacted. Drift control additives may be used. If a drift control additive is used, observe and follow all directions and precautions as specified on the additive label.



### Weeds Controlled by Derringer F Herbicide (Low Rate Range)

#### For spot- or directed-spray application:

Apply a 1% to 2 1/2 % spray solution of Derringer F Herbicide.

#### For broadcast application:

Apply 3 quarts of Derringer F Herbicide per acre when the weed height or diameter is less than 6 inches.

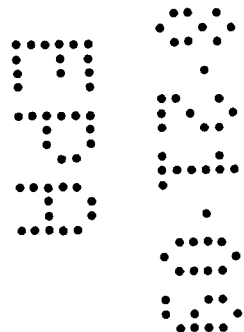
Apply 4 quarts of Derringer F Herbicide per acre when the weed height or diameter is 6 inches or greater.

#### Broadleaf Weeds

- chickweed
- clover
- common cocklebur
- filaree
- jimsonweed
- kochia
- London rocket
- malva (little mallow)
- marestail
- purslane
- shepherdspurse
- smartweed

#### Grasses and Sedges

- barnyardgrass
- cupgrass
- fall panicum
- giant foxtail
- goosegrass
- green foxtail
- Johnsongrass (rhizome)
- lovegrass
- shattercane
- stinkgrass
- windgrass
- yellow foxtail



### Weeds Controlled by Derringer F Herbicide (High Rate Range)

#### For spot- or directed-spray application:

Apply a 3% to 6% spray solution of Derringer F Herbicide

#### For broadcast application:

Apply 4 quarts of Derringer F Herbicide per acre when the weed height or diameter is less than 8 inches.

Apply 6 quarts of Derringer F Herbicide per acre when the weed height or diameter is 8 inches or greater.

The rates listed above will also control the weeds listed in the *Weeds Controlled by Derringer F Herbicide (Low Range)* section of this label.

#### Broadleaf Weeds

- annual sowthistle
- bindweed
- buffalobur
- burdock
- Canada thistle
- curly dock
- dandelion
- dogbane (hemp)
- field gromwell
- fleabane
- goldenrod
- horsetail
- lambsquarters
- leafy spurge
- mugwort
- musk thistle
- nettle

#### Grasses and Sedges

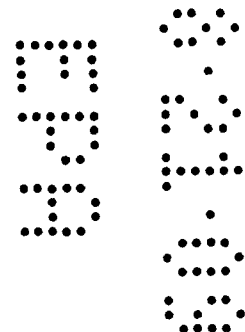
- annual bluegrass
- bahiagrass
- barley
- Bermudagrass
- carpetgrass
- crabgrass
- dallisgrass
- downy brome
- fescue
- guineagrass
- Kentucky bluegrass
- nutsedge
- paragrass
- quackgrass
- ryegrass
- sandbur
- smooth brome

#### Broadleaf Weeds

- nightshade
- pennycress
- pigweed, red root
- plantain
- prickly lettuce
- ragweed
- Russian thistle
- tansy mustard
- velvetleaf
- velvain
- Virginia cooperleaf
- white heat aster
- wild buckwheat
- wild mustard
- wild onion
- wild rose
- wild turnip
- woodsorrell
- yellow rocket

#### Grasses and Sedges

- torpedograss
- vaseygrass
- wheat
- wild oat



### Woody Species

Derringer F Herbicide will provide control, partial control or suppression of the perennial woody weed species listed below. Apply 2 to 6 quarts of Derringer F Herbicide per acre. Use the high-recommended rates per acre of this product when conditions are not optimum for spray coverage, such as when weed growth is heavy or dense. Lower recommended rates may be used when the target species is conifer and when vegetation growth conditions allow for uniform spray coverage.

Common Name	Scientific Name
big maple	<i>Acer</i> spp.
blackberry	<i>Rubus</i> spp.
deer brush	<i>Ceanothus</i> spp.
Douglas fir	<i>Pseudotsuga menziesii</i>
evergreen huckleberry	<i>Gaylussacia</i> spp.
gallberry	<i>Ilex</i> spp.
hazel	<i>Corylus</i> spp.
honeysuckle	<i>Lonicera</i> spp.
multiflora rose	<i>Rosa multiflora</i>
oak	<i>Quercus</i> spp.
Pine	<i>Pinus</i> spp.
poison-ivy	<i>Rhus radicans</i>
poison-oak	<i>Rhus toxicodendron</i>
roundleaf greenbriar	<i>Smilax rotundifolia</i>
salmonberry	<i>Rubus spectabilis</i>
sweet gum	<i>Liquidambar styraciflua</i>
sumac	<i>Rhus</i> spp.
thimbleberry	<i>Rubus parviflorus</i>
trumpetcreeper	<i>Campsis radicans</i>
varnishleaf	<i>Ceanothus</i> spp.
vine maple	<i>Acer circinatum</i>
western red cedar	<i>Juniperus</i> spp.

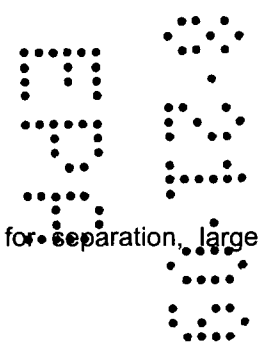
### Tank Mix Recommendations

Derringer F Herbicide is compatible in tank mixes with many other herbicides. Follow the more restrictive label limitations and use precautions for each product. No label dosage rates should be exceeded. Tank mix applications of Derringer F Herbicide plus the following herbicides are recommended for broad-spectrum postemergence and preemergence weed control.

- Arsenal® Herbicide Applicators Concentrate
- Chopper® Herbicide

Compatibility of Derringer F Herbicide and clay-based dry flowable herbicides should be determined in a jar test before tank mixing. A quart jar compatibility test should be conducted as follows:

1. Fill the jar three-quarters full with water.
2. Add the appropriate amount of herbicide in the following order:
  - (a) dry flowable,
  - (b) wettable powder
  - (c) aqueous suspensions,
  - (d) flowables,
  - (e) liquids, and
  - (f) solutions and emulsifiable or liquid concentrates.
 Shake or gently stir jar after each addition to thoroughly mix.
3. After adding all ingredients, let the mixture stand for 15 minutes and then look for separation, large flakes, precipitates, gels, heavy oily film on the jar, or other signs of incompatibility.



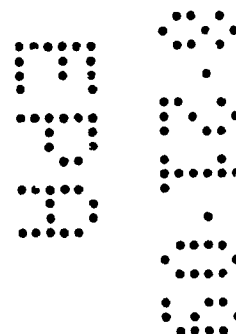
## WHERE TO APPLY

### Conifer and Hardwood Tree Plantings

When applied as recommended on this label, this product may be used for the control of undesirable plants in site preparation prior to planting and establishment of conifer and hardwood plantations. **Do not apply Derringer F Herbicide as an over-the-top broadcast spray to desirable conifer or hardwood plantings.**

**Site Preparation Application:** Derringer F Herbicide may be used for pre-plant site preparation for the control of the weeds listed on this label in conifer and hardwood tree plantings. Seedling conifer and hardwood trees may be planted into the treated area after the restricted entry interval (REI) of 12 hours has elapsed. Refer to the *How to apply* section of this labeling for the appropriate application rates to control specific weeds.

**Directed Spray Application:** Derringer F Herbicide may be applied as a directed spray for conifer release in conifer plantations. Refer to the *How to Apply* section of this labeling for the appropriate application rate to control specific species.



# IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, and Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Warranty, 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, because of extreme weather and soil conditions, manner of use and other factors beyond Bayer CropScience LP's control, it is impossible for Bayer CropScience LP to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY.** No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE, HANDLING OR APPLICATION 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 BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

## NET CONTENTS:

### TRADEMARK INFORMATION

Viton® is a registered trademark of DuPont Company.  
Arsenal and Chopper are registered trademarks of American Cyanamid Company.  
Chipco is a registered trademark of Bayer.  
Derringer is a trademark of Bayer.

Produced for

**Bayer Environmental Science**  
A Business Group of Bayer CropScience LP  
PO Box 12014 2 T. W. Alexander Drive  
Research Triangle Park, NC 27709

Derringer F PENDING 08/19/09

