

7969-208

7-24-2009

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Dave G. Bolin, Ph.D.  
Product Registration  
BASF Corporation, Agricultural Products  
PO Box 13528  
Research Triangle Park, NC 27709-3528

JUL 24 2009

SUBJECT: Application for Pesticide Notification (PRN 98-10)  
Request Directions for Use/General Label Change  
EPA Reg. No. 7969-208  
Application Dated June 4, 2009

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 06/04/09 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) 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 Owen F. Beeder of my staff at 703-308-8899.

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

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

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 7969-208	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) REGENT 80 WG Insecticide	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) BASF Corp PO Box 13528 / 26 Davis Drive Research Triangle Park, NC 27709-3528 <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. <u>NOTIFICATION</u> Product Name <u>JUL 24 2009</u>	

**Section - II**

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

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Label notification in accordance with PR Notice 98-10.  
 Attn: Label Notification Team

No PRIA fee is associated with this action.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt.      No. per container		<input type="checkbox"/> Metal <input checked="" 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			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 3.92 lbs (6 x 4 x 2.61 oz)		5. Location of Label Directions <input checked="" type="checkbox"/> on label		
6. Manner in Which Label is Affixed to Product <input checked="" 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 Dave G. Bolin	Title Product Registration Manager	Telephone No. (Include Area Code) 919-547-2108
<b>Certification</b> 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 Product Registration Manager	
4. Typed Name Dave G. Bolin	5. Date June 4, 2009	



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NOTIFICATION

JUL 24 2009



The Chemical Company

# RESTRICTED USE PESTICIDE

## DUE TO TOXICITY TO AQUATIC INVERTEBRATES

For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

# REGENT® 80 WG Insecticide

### ACTIVE INGREDIENT:

Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl) -1-H-pyrazole-3-carbonitrile .....80%

**INERT INGREDIENTS:**.....20%

**TOTAL**.....100%

Each pound of **Regent® 80 WG insecticide** contains 0.8 pound of the active ingredient Fipronil.

**EPA Reg. No. 7969-208**

**EPA Est. No.**

## 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 MEDICAL AND TRANSPORTATION EMERGENCIES ONLY**

**CALL 24 HOURS A DAY 1-800-832-HELP (4357)**

**24 HOURS A DAY**

**See inside for First Aid, Precautionary Statements  
and Directions for Use.**

### Net Contents:

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>•Immediately call a poison control center or doctor for treatment advice.</li> <li>•Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>•Have person sip a glass of water if able to swallow.</li> <li>•Do not give anything by mouth to an unconscious person.</li> </ul>
<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 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 mouth-to mouth if possible.</li> <li>•Call a poison control center or doctor for further 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.</li> <li>•Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>HOT LINE NUMBER</b></p> <p>For MEDICAL Emergencies: Call 24 Hours A Day 1-800-832-HELP (1-800-832-4357). Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	
<p><b>SYMPTOMS OF POISONING</b></p> <p>In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and, in extreme cases, possibly convulsions, may occur.</p>	
<p><b>NOTE TO PHYSICIAN</b></p> <p>There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.</p>	
<p><b>GENERAL</b></p> <p>Contact a physician immediately in all cases of suspected poisoning. Transport patient to a physician or hospital immediately and <b>SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.</b> If poisoning is suspected in animals, contact a veterinarian.</p>	

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

**MAY BE FATAL IF SWALLOWED, ABSORBED THROUGH SKIN, OR INHALED. CAUSES MODERATE EYE IRRITATION.** Do not get in eyes, on skin or on clothing. Do not breathe spray mist or vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

**SYMPTOMS OF POISONING**

In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and, in extreme cases, possibly convulsions, may occur.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers: must wear coveralls over short-sleeved shirts and short pants, waterproof gloves, chemical-resistant footwear plus socks chemical-resistant headgear for overhead exposure, protective eyewear, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with an N,R,P or HE filter and a chemical-resistant apron when cleaning equipment or mixing and loading.

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, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft 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**

**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.

**ENVIRONMENTAL HAZARDS**

This product is toxic to birds, fish, and other aquatic invertebrates. **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. Cover, incorporate, or clean up granules that are spilled **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

**DIRECTIONS FOR USE**

**Restricted Use Pesticide**

**Regent® 80 WG insecticide** cannot be used to formulate, reformulate or repackage into any other pesticide product without the written permission of BASF Corporation.

**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 **0 hours**.

**STORAGE AND DISPOSAL**

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

**STORAGE**

Store unused product in original container only, out of reach of children and animals.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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.

In case of spill, clean up dust spillage resulting from container or pack breakage by sweeping material into a pile and avoid skin contact. Carefully scoop up loose material and place it in appropriate containers so as to avoid dust generation. Ensure adequate decontamination of tools and equipment following cleanup.

**CONTAINER DISPOSAL**

Water soluble packages should be placed directly into spray tanks containing some water.

**(for plastic containers)**

**Nonrefillable Container. DO NOT reuse or refill this container.** After completely emptying container into application equipment, offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**STORAGE AND DISPOSAL** *(continued)*

**CONTAINER DISPOSAL** *(continued)*

**(for foil overpackaging)**

**Nonrefillable Container. DO NOT reuse or refill this container.** After completely emptying container into application equipment, dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**In Case of Spill**

In case of large scale spillage regarding this product call:

CHEMTREC 1-800-424-9300

BASF 1-800-832-HELP

If container is damaged, before cleaning up, put on Personal Protective Equipment. Sweep up spilled granules, transfer to a marked container, and dispose of wastes on site or at an approved waste disposal facility.

**Read the entire label before using this product.**

**GENERAL PRECAUTIONS AND INSTRUCTIONS**

For use on conventional and conservation tillage field corn.

**APPLICATION**

Remove oil rust, scale, pesticide residues and foreign matter from sprayer and strainer. Flush with clean water. Use 50 mesh screens or equivalent in spray system. Applicator tanks should be equipped with a sparge tube agitator. Alternative agitator designs may be used if they can adequately cleanse the bottom of the tank and provide sufficient agitation required for product mixing. Approximately 10% of the tank capacity should be pumped per minute back into the tank through the agitator.

**Make one in-furrow application at planting time only.**

Apply at planting time as a solid stream using a microtube or other suitable metering orifice that is directed into the open seed furrow. Mix **Regent® 80 WG insecticide** in a minimum of 1.0 gallon of water or water plus liquid fertilizer per acre. If flat fan nozzles are used for in furrow application, the nozzles should be aligned with the row to direct the spray into the open furrow.

To prepare for application, fill tank to approximately 1/2 the needed volume of water and start agitation. Open product container(s) and pour contents into tank. Agitate to ensure thorough mixing for a volume of 2 minutes or until product is thoroughly dispersed. Product and water should be agitated continuously during use. Avoid allowing tank contents to remain without agitation for periods greater than 1 hour.

When tank contents have remained without agitation for 1.0 hour or longer, agitate contents for at least 10 minutes before starting application. Avoid allowing large quantities of product and water (greater than 5 gallons) to be stored in a nonagitated tank for extended periods of time, such as 12 hours or greater.

*(continued)*

**Regent® 80 WG insecticide** can be mixed into in furrow-pop up liquid fertilizer and applied in furrow using direct injection equipment attached to the existing fertilizer system. Prior to injection, calibrate the fertilizer sytem to assure that equal amounts of liquid fertilizer are applied to each row. Direct injection equipment should include an in line static mixer which uniformly blends the **Regent 80 WG** plus water into the fertilizer. **Regent 80 WG** must be mixed with a minimum of 0.5 gallons per acre (GPA) of water prior to direct injection into liquid fertilizer which typically has rates of 3 to 6 gallons per acre.

**Regent 80 WG** can be mixed with low rate liquid fertilizers, such as Asset PPS and ACA. **Regent 80 WG** must first be mixed with water prior to adding the fertilizer product. A minimum of 1.0 GPA total application volume must be used. Add the **Regent 80 WG** to water and agitate 2 minutes or until the product is thoroughly dispersed. Add required amount of low rate liquid fertilizer and continue agitation for 3 minutes or until the mixture appears uniform. Mixture should be agitated continuously during use. Follow agitation recommendations described for water plus **Regent 80 WG** if tank mixtures are allowed to remain without agitation for periods greater than 1 hour.

**Regent 80 WG** can be tank mixed in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be

mixed with any product whose label contains a prohibition against such mixing. If tank mixes with other products are to be used, **Regent 80 WG** must be fully dispersed in water first, followed by the addition of the intended tank mix material. Evaluate tank mix compatibility in a small container before mixing larger quantities in the application tank.

After completing application, flush the applicator lines, microtubes and nozzles with clean water.

Do not apply within 20 yards (in New York State, do not apply within 100 feet or 33 yards) of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, commercial aquaculture facilities, or other bodies of water that convey water to these areas. Runoff from treated areas may be hazardous to aquatic and estuarine organisms in adjacent aquatic and estuarine sites. Protection of aquatic areas may be enhanced by maintaining all or a portion of this buffer in vegetative cover.

**PEST CONTROLLED**

Crop	Pests Controlled
Field Corn	<b>Northern, Western, Mexican, and Southern Corn Rootworm larvae</b> <b>European Corn Borer (First Brood)</b> <b>Wireworms</b> <b>Seedcorn Maggots</b> <b>Seedcorn Beetles</b> <b>Billbugs</b> <b>Chinch Bugs</b> <b>Common Stalk Borer</b> <b>Grubs</b> <b>Thrips</b>

- **DO NOT** apply to sweet corn or popcorn.
- **DO NOT** harvest within 90 days of application.
- **DO NOT** plant leafy vegetables within one month following application.
- **DO NOT** plant root crops within five months following application.
- **DO NOT** plant small grains or other rotational crops within 12 months following application.
- **DO NOT** use this product with corn seeds that have been treated with a product containing fipronil, such as **Regent® TS Insecticide**.

**RATES**

Use the following chart to select the correct rate of **REGENT® 80 WG insecticide** rate per 1000 row feet and rate per acre.

Row Spacing (Inch)	Row Feet/Acre(feet)	Rate/ 1000 ft(oz/1000 ft)*	Rate/ Acre(oz/ac)*
30	17424	0.149	2.60
36	14520	0.149	2.16
38	13756	0.149	2.05
40	13068	0.149	1.95

\* oz = Ounces of **REGENT 80 WG**.

**DO NOT** apply on row spacing less than 30 inches.

**DO NOT** apply more than 0.13 lb ai/acre or 2.6 oz of **REGENT 80 WG** per acre.

**COMPATIBILITY**

The full range of compatibilities with **REGENT 80 WG** under local conditions is not known. Therefore, it is essential that before using **REGENT 80 WG**, the compatibility of the mixture be established. For example: Fill a quart jar 1/2 full of water, then add 2 teaspoons of **REGENT 80 WG** and disperse. Add any other pesticides, fertilizers, or tank mixtures and shake thoroughly. **DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GREASE. FOR BEST RESULTS, SPRAY MIXTURES SHOULD BE USED IMMEDIATELY AFTER MIXING. USE ADEQUATE AGITATION.**



**Conditions of Sale and Warranty**

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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The Chemical Company