

7969-235

4-14-2006

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
 7969-235

Date of Issuance:
APR 14 2006

NOTICE OF PESTICIDE:
 Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance: **conditional**

Name of Pesticide Product:
Regent 500TS Insecticide

Name and Address of Registrant (include ZIP Code):
 Dave G. Bolin
 BASF Corporation
 P.O. Box 13528
 Research Triangle Park, NC 27709-3528

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.

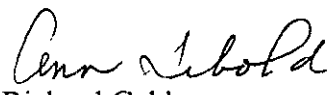
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect 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 sec. 3(c)(7)(A) and (B) with an expiration date of Dec. 31, 2006, provided that you:

1. Submit the data listed in Attachment 1.
2. You make the following label changes:
 Change the EPA Reg. No. to 7969-235.

Revise the use statement on the front panel to read as follows:
 Do not use for any use other than to treat field corn seed at commercial seed treatment facilities.

The Precautionary Statements must be revised to read as follows:
 May be fatal if inhaled or swallowed. Harmful if absorbed through skin. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing

Signature of Approving Official:

 for Richard Gebken
 Product Manager 10
 Insecticide Branch
 Registration Division (7505C)

Date:
APR 14 2006

gum, or using tobacco. Avoid contact with skin, eyes or clothing. Wear long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), viton, natural rubber or section Category C.

3. Comments on the seed tag are listed in attachment 2.

Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

The basic and confidential statements of formula dated 3/21/06 are acceptable.

Data Required as a Condition of Registration

<u>Guideline</u>	<u>Title</u>	<u>Due Date</u>
830.6320	Corrosion Characteristics	One year after date of Registration

The studies listed below have been required as conditions of registration for Regent 4SC, EPA Reg. No. 7969-207, Regent 1.5 G, EPA Reg. No. 7969-206, Regent 80WG, EPA Reg. No. 7969-208 and Regent TS, EPA Reg No. 7969-223, as set forth in the notices of registration. They are also required as condition of registration of Regent 500TS Insecticide, EPA Reg. No. 7969-235.

- Long term terrestrial field dissipation study
- Long term magnitude of crop residues study
- A surface water monitoring study of fipronil residues in small streams.

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Attachment 2.

Seed Tag

1. Revise the Precautionary statements to match the Regent 500 TS label.
2. The application rate for treated seed may not exceed 0.02 lbs ai/acre.



The Chemical Company

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Regent[®] 500TS

insecticide

For use on Field Corn Seed at Commercial Treatment Facilities. Not for Use on Farm.

ACTIVE INGREDIENT:

Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1-H-pyrazole-carbonitrile41%

OTHER INGREDIENTS: 59%

TOTAL.....100%

One gallon of **Regent 500TS** contains 4.17 pounds of the active ingredient Fipronil.

EPA Reg. No. 7969-xxx

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)**

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

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

APR 14 2006

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
7969-235

Net Contents:

BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709

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FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Have person sip a glass of water if able to swallow. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • 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.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
<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>	
GENERAL	
<p>Contact a physician immediately in all cases of suspected poisoning. Transport patient to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN. If poisoning is suspected in animals, contact a veterinarian.</p>	
NOTE TO PHYSICIAN	
<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>	

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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.
- Remove and wash contaminated clothing before reuse. Keep and wash PPE separately from other laundry. Follow manufacturer's instructions for washables. If no such instructions, use detergent and hot water.
- When mixing and loading, wear a chemical-resistant apron. For overhead exposure, wear chemical-resistant headgear. When cleaning equipment, wear a chemical-resistant apron.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers: For handling activities, use a non-powered air-purifying respirator equipped with an N-, R- or P-series filter. Follow manufacturer's instructions for cleaning/maintaining PPE. Wear coveralls over short-sleeved shirt and short pants, socks, chemical-resistant footwear and chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), viton, natural rubber or selection **Category C**).

ENGINEERING CONTROL STATEMENT

Field Corn Seed Treatment

Facilities and/or machinery treating field corn seed must be adequately ventilated in a manner that moves dusts and vapors away from applicators and handlers such as the following:

Adequate ventilation could be maintained by dilution ventilation systems, which provide for a bulk flow of air away from the workers breathing zone and replaces contaminated air with clean air. Dilution ventilation could be provided by exhaust fans on the wall or ceiling and having open windows or doors opposite the exhaust fans. Adequate ventilation could also be provided by installing local exhaust ventilation at the point of dust contamination via hoods or ducts that remove contaminated air before it reaches the breathing zone and exhausts it directly to the outdoors, exhaust stacks or filtration systems.

Supplemental ventilation is not required in areas where seed is treated in enclosed equipment and dust contamination does not occur. Examples of this include Gustafson S Series seed treaters (or equivalent).

Regardless of the requirement for supplemental ventilation, all workers handling treated seed must wear the required PPE.

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.

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

ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish, and aquatic and estuarine invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Seed commercially treated with **Regent® 500TS Insecticide** must be labeled in accordance with all applicable requirements of the Federal Seed Act.

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.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store unused product in original container only, in cool, dry area, 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 immediately. Put on Personal Protective Equipment (PPE) before cleaning up spill. Soak up with sand, earth or other suitable material and dispose of wastes in a landfill approved for pesticide disposal. Ensure adequate decontamination of tools and equipment following cleanup.

CONTAINER DISPOSAL

RETURNABLE — REFILLABLE CONTAINERS

Regent 500TS may be repackaged in returnable-refillable containers by BASF Corporation or a registered establishment in accordance with a valid BASF Bulk Delivery and Refilling Agreement. After use, return the container to the point of purchase or designated locations. This container must only be refilled with **Regent 500TS**. **DO NOT REUSE THE CONTAINER FOR ANY OTHER PURPOSE.** Prior to refilling, inspect thoroughly for damage such as cracks, punctures, abrasions and damaged or worn out threads on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation.

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Spill

In case of large scale spillage regarding this product call:

CHEMTREC 1-800-424-9300
BASF 1-800-832-HELP

Read the entire label before using this product.

Regent 500TS - FOR COMMERCIAL TREATMENT OF FIELD CORN SEED.

Regent 500TS is an aqueous flowable formulation for use as a seed treatment on field corn. **Regent 500TS** provides control or suppression of the following pests:

Pest	1.5 fluid oz rate	3 fluid oz rate
Wireworm	Control	Control*
Seed corn maggot		Control
Grape Colaspis		Control
White Grubs		Suppression
Flea Beetle		Suppression**
Thrips		Suppression**

*In areas with a history of high inherent populations, the 3 fluid oz rate must be utilized.

**Economic protection under light to moderate infestations for 14 - 21 days after planting.

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Regent® 500TS insecticide may be applied as a water-based slurry with other registered corn seed treatment materials, such as fungicides, micronutrients, and plant growth regulators. Potential tank mix partners should be tested for physical compatibility with **Regent 500TS** and added dyes or polymers before mixing in a large tank for seed treatment.

Regent 500TS should be applied at the rate of 1.5 to 3 fl oz per 100 lb seed (0.05 to 0.10 lb ai per 100 lb seed).

Regent 500TS should be applied with a seed treatment machine which can provide an accurate application of chemicals to seeds. **Regent 500TS** can be applied with a polymer to improve evenness and adherence and reduce dust. Follow manufacturer's directions for quantity of polymer (such as CelPril's CelGard™ Film Coating) to be used. Use 10 - 24 fl oz of slurry per 100 lb seed, or follow machine and polymer manufacturer's recommendations for slurry volumes for corn. Use sufficient EPA approved seed dye or colored polymer to achieve a distinctive unnatural color on the seed.

To apply **Regent 500TS** using a mixing tank, place 3/4 of the water and all of the polymer or dye needed into the mixing tank and begin agitation. Measure the amount of **Regent 500TS** needed and add to the tank. Use the remaining water to thoroughly rinse the measuring container. Add rinsates to the tank. Maintain agitation during application.

SEED LABELING

Treated seed must be labeled in accordance with the requirements of the Federal Seed Act. Bags containing treated seeds must be labeled with the following information "This seed has been treated with **Regent 500TS**. Do not use for food, feed, or oil purposes. Store away from foods and feeds."

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Conditions of Sale and Warranty

The **Directions For Use** of this product reflects the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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. 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.

BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT PERMITTED BY LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, 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.

*Regent is a registered trademark of BASF
CelGard is a registered trademark of CelPril.*

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BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709



The Chemical Company