



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:

7969-223

Date of Issuance:

MAR 17 2005

Term of Issuance:

conditional

Name of Pesticide Product:

Regent TS Insecticide

NOTICE OF PESTICIDE:

 x Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Jack Arthur
BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

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, 2005, provided that you:

1. Submit the data specified in Attachment 1.
2. Make the following label changes:
 - A. Change the EPA Reg. No. to read 7969-223.
 - B. Correct the statement that appears below the ingredient statement to read as follows:
One gallon of Regent TS Insecticide contains 6.2 pounds of the active ingredient Fipronil.
 - C. Add the Net Contents to the label.
 - D. Add the following to the front panel below the signal word:
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.)

Signature of Approving Official:

Ann Schold

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

Date:

MAR 17 2005

E. Revise the fourth sentence in the precautionary statements to read as follows:
Do not breath spray mist or vapor.

F. Add to the Precautionary statements the following:
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).

(Note: If the Section Category C gloves do not provide adequate protection for this product, the registrant should indicate a specific glove category from the EPA chemical resistance glove selection chart that will provide adequate protection.)

G. Revise the PPE section on respirators to read as follows:
For handling activities, use a non-powered air purifying respirator equipped with an N-, R- or P-series filter. Follow the manufacturer's instructions for cleaning/maintaining PPE.

H. Add to the Precautionary statements a User safety Recommendations Box as follows:
Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. When mixing and loading, wear a chemical resistant apron. For overhead exposure, wear chemical-resistant headgear. When cleaning equipment, wear a chemical resistant apron.

I. Revise the first sentence of the Engineering Controls Statement to read as follows:
Facilities and/or machinery treating corn seed must be adequately ventilated in a manner that moves dust and vapors away from applicators and handlers, such as the following:

J. The second paragraph under Engineering Controls must be revised as follows:
Supplemental ventilation is not required in areas where seed is treated in enclosed equipment and dust contamination does not occur, like the Gustafson S Series seed treaters.

K. The heading in the pest table must be revised to present the application rates in fluid ounces, not ounces.

L. Add to the Hazard Statements the following:
Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Seed commercially treated with Regent TS must be labeled in accordance with all applicable requirements of the Federal Seed Act.

- M. The requirement that treated corn may not be planted and/or in-furrow application may not be used in the same field in consecutive years is deferred until the data required as a condition of registration is reviewed.
3. Make changes to the seed tag as specified in Attachment 2.
 4. Submit within one month a Stewardship Program to ensure compliance with the seed tag.

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.

Data:

Guideline	Title	Date Due
830.6317	Storage Stability	One year after date of registration
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 1.5G, EPA Reg. No. 7969-206; and Regent 80WG, EPA Reg. No. 7969-208, as set forth in the amended registration notices of Dec 14, 2001. They are also required as conditions of registration of Regent TS, EPA Reg. No. 7969-223.

Long term terrestrial field dissipation study

Long term magnitude of crop residues study

A surface water monitoring study of fipronil residues in small streams.

Comments on Seed Tag

A. Add to the seed tag the following:

All applications of treated corn must occur at 2 or more inches below the field surface and immediately covered to grade, or the double row application method may not be used.

All spilled seed must be cleaned up immediately.

The application rate for treated seed may not exceed 0.02 lbs ai/acre.

B. The seed tag must specify a 20 yard buffer from surface water bodies.

C. In addition to the seed tag statements proposed by BASF, the seed tag for the commercially treated seed shall include the following statements taken from the pesticide product label, modified only as necessary to make them appropriate to the seed tag: human and domestic animal precautionary statements, worker protection standard (WPS) statements, environmental hazard statements (including the following: "Dispose of all excess treated seed and seed packaging by burial away from bodies of water.") and use directions (including the following: "Treated seed must not be used for or mixed with food or animal feed or processed for oil.").

D. Revise the last use restriction to read as follows:

Do not use insecticides containing fipronil (such as Regent 4SC) in furrow when planting corn seed treated with Regent TS (fipronil).

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REGENT TS Insecticide

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

MAR 17 2005

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
7969-223**

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For Commercial Treatment of Corn Seed Only

ACTIVE INGREDIENTS:

Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1R,S)-(trifluoromethyl)sulfinyl) -1-H-pyrazole-carbonitrile 56%

INERT INGREDIENTS 44%

Total 100%

One gallon of REGENT[®] TS Insecticide contains 6.3 pounds of the active ingredient Fipronil.

EPA Reg No. 7969

EPA Est. No. 264-MO-02

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-832-4357

For PRODUCT USE (Information Call)

FIRST AID

IF SWALLOWED:	<p>Immediately call a poison control center or doctor for treatment advice.</p> <ul style="list-style-type: none"> • 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:	<p>Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.</p> <ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice.
IF INHALED:	<p>Move person to fresh air.</p> <ul style="list-style-type: none"> • 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:	<p>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</p> <ul style="list-style-type: none"> • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.

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.

GENERAL

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.

NOTE TO PHYSICIAN:

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.

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. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21 C) or a NIOSH approved respirator with any N, P, R or HE filter, long-sleeved shirt and long pants, socks and shoes, protective eyewear, and chemical resistant gloves (such as nitrile gloves).

ENGINEERING CONTROL STATEMENT

Facilities and/or machinery treating corn seed must be adequately ventilated in a manner that moves dusts and vapors away from applicators and handlers. Adequate ventilation must be provided by dilution ventilation systems, which provide for a bulk flow of air away from the workers breathing zone. Exhaust fans on the wall or ceiling and moving fresh air into the breathing zone are acceptable. Adequate ventilation could be provided by exhaust fans on the wall or ceiling and moving fresh air into the breathing zone. Adequate ventilation could also be provided by installing local exhaust ventilation at the point of dust generation to capture and remove contaminated air before it reaches the breathing zone and exhausts it directly to the atmosphere.

Supplemental ventilation is not required when corn seed is treated in enclosed equipment like Gustafson S Series seed treaters.

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

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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.

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.

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 following 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® TS Insecticide 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® TS Insecticide. **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.

In Case of Spill In case of large Scale spillage regarding this product call: CHEMTREC 800-424- 9300 BASF 800-832-HELP

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REGENT® TS INSECTICIDE IS FOR COMMERCIAL TREATMENT OF CORN SEED.

REGENT® TS Insecticide is an aqueous flowable formulation for use as a seed treatment on corn. REGENT® TS Insecticide provides control or suppression of the following pests:

Pest	1 oz. rate	2 oz. rate
Wireworm	Control	Control
Seedcorn Maggot	Control	Control
European Cornborer	Control	Control
Whitefly	Control	Suppression
Grasshopper	Control	Suppression**
Stinkbug	Control	Suppression**

Deleted: of wireworms and seedcorn maggot.
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* For control of European Cornborer, the 2 oz. rate must be utilized.
** European Cornborer control may be moderate infestations for 14-21 days after planting.

REGENT® TS 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® TS Insecticide and added dyes or polymers before mixing in a large tank for seed treatment.

REGENT® TS Insecticide should be applied at the rate of 1 to 2 fl. oz. per 100 lb. seed (0.05 to 0.10 lb. ai. per 100 lb. seed). REGENT® TS Insecticide should be applied with a seed treatment machine which can provide an accurate application of chemicals to seeds. REGENT® TS Insecticide 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) 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® TS Insecticide 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® TS Insecticide 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® TS Insecticide. Do not use for food, feed, or oil purposes. Store away from foods and feeds."

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 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 IN NO CASE SHALL BASF OR THE SELLER BE LIABLE 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.

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BASF Corporation

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