

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION**August 20, 2012**

**Amy S. Dugger-Ronyak**  
**Product Registration Manager**  
**BASF Corp., Agricultural Products**  
**26 Davis Drive**  
**P.O. Box 13528**  
**Research Triangle Park, NC 27709-3528**

**Subject:** Label Amendment—Additional of Beehive Restriction to Front Panel Text Box per Agency Agreement  
**Product Name:** Regent® 500TS Insecticide  
**EPA Reg. No.:** 7969-235  
**Application Dated:** August 10, 2012  
**Decision Number:** 468563

Dear Ms. Dugger-Ronyak:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy of the label is enclosed for your records

If you have any questions, you may contact Clayton Myers at (703) 347-8874 or [myers.clayton@epa.gov](mailto:myers.clayton@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to be "R. Gebken".

*for* Richard J. Gebken, Product Manager  
Insecticide Branch  
Registration Division (7505P)

Enclosure:  
Stamped Label



2/6



ACCEPTED  
AUG 20 2012  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EPA. Reg. No: 7969-235

# Regent® 500TS

## insecticide

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

- Fipronil-treated seed is for Export only. **NOT** for use in the U.S. and its territories.
- **DO NOT** use for any use other than to treat field corn seed at commercial seed treatment facilities.
- **DO NOT** use this product for termite or other general pest control.
- **DO NOT** use on golf course turf.
- **DO NOT** use on/in commercial bee hives.
- **DO NOT** use on animal trophies or animal skins.

See inside booklet for additional **Restrictions, First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific use sites and/or restrictions.

**Active Ingredient:**

fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-((1*R,S*)-(trifluoromethyl)sulfinyl)-1-*H*-pyrazole-carbonitrile ..... 41.0%

**Other Ingredients:** ..... 59.0%

**Total:** ..... 100.0%

One gallon of Regent® 500TS insecticide contains 4.17 pounds of fipronil.

EPA Reg. No. 7969-235

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)**

**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>• <b>DO NOT</b> 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>• <b>DO NOT</b> 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 to 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 eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOTLINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information at 1-800-832-HELP (4357).</p>	
<b>NOTE TO PHYSICIAN</b>	
<ul style="list-style-type: none"> <li>• <b>SYMPTOMS OF POISONING:</b> In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases convulsions may occur.</li> <li>• 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.</li> <li>• 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.</li> </ul>	

### **Precautionary Statements**

#### **Hazards to Humans and Domestic Animals**

**WARNING.** May be fatal if inhaled or swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. **DO NOT** breathe spray mist or vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### **Personal Protective Equipment (PPE)**

**Applicators, mixers, loaders, and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), viton, natural rubber or selection **Category C**)
- Non-powered air-purifying respirator equipped with an N-series, R-series, or P-series filter

**In addition, mixers and loaders must wear:**

- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **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.

#### **Engineering Controls Statement**

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.

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



### Field Corn Seed Treatment

Facilities and/or machinery treating field corn seed must be adequately ventilated in a manner that moves dust and vapor 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 worker's breathing zone and replace contaminated air with clean air. Dilution ventilation could be provided by exhaust fans on the wall or ceiling and 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 exhaust 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, such as Gustafson S Series seed treaters or equivalent.

### 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 the entire label before using this product.

**Regent® 500TS insecticide** cannot be used to formulate, reformulate or repackage into any other pesticide product without the written permission of BASF Corporation.

### 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.

#### Container Handling

**Nonrefillable Container. DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then 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.

#### Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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.

#### Triple rinse containers too large to shake (capacity > 5 gallons) as follows:

Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.



### In Case of Emergency

In case of large scale spillage regarding this product call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

### Steps to be taken in case material is released or spilled:

- Wear personal protective equipment (refer to PPE section of this label) and immediately clean up the spill.
- Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal.
- Remove contaminated clothing and wash affected skin areas with soap and water.
- Wash clothing before reuse.
- Keep the spill out of all sewers and open bodies of water.

### Regent® 500TS insecticide 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	Rate	
	1.5 fl ozs	3.0 fl ozs
Wireworm	Control	Control*
Seed corn maggot	NA	Control
Grape colaspis	NA	Control
White grubs	NA	Suppression
Flea beetle	NA	Suppression**
Thrips	NA	Suppression**

\* Use the 3.0 fl ozs rate in areas with a history of high inherent populations.

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

NA = Not Applicable

Apply Regent 500TS as a water-based slurry with other registered corn seed treatment materials. Test potential tank mix partners for physical compatibility with Regent 500TS and added dyes or polymers before mixing in a large tank for seed treatment.

Apply Regent 500TS at the rate of 1.5 to 3.0 fl ozs (0.05 to 0.10 lb aI) per 100 lbs seed with a seed treatment machine that can provide an accurate application of chemicals to seeds. Proper application equipment calibration is essential for good disease control.

Regent 500TS can be applied with a polymer to improve application uniformity and adherence and reduce dust. Follow manufacturer's directions for polymer use rate. Use 10 to 24 fl ozs of slurry per 100 lbs seed, or follow machine and polymer manufacturer's recommendations for slurry volumes for corn.

Use a sufficient amount of 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 specified rate of Regent 500TS; add to the tank. Use the remaining water to thoroughly rinse the measuring container. Add rinse 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 insecticide, containing flupyrifluorid. DO NOT use treated seed for food, feed, oil processing, or any other purpose except planting. Store away from feed and foodstuffs."



**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 the presence of other or untested or unapproved materials, seed of low quality or low vigor or low germination, use of the product in a manner inconsistent with its labeling, misapplication of the product, or weather conditions at planting or environmental conditions during seed storage, 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