


7969-241

06-13-2007

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	<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>Office of Pesticide Programs</b> <b>Registration Division (7505P)</b> <b>Ariel Rios Building</b> <b>1200 Pennsylvania Ave., NW</b> <b>Washington, D.C. 20460</b>		EPA Reg. Number: 7969-241	Date of Issuance: JUN 13 2007
	NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)		Term of Issuance: conditional	Name of Pesticide Product: BASF PTM SC Insecticide
Name and Address of Registrant (include ZIP Code): BASF Corporation Agricultural Products 26 Davis Drive 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.				
<p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) and (B) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit the data listed in attachment A.</li> <li>2. Make the following label changes:           <ul style="list-style-type: none"> <li>• Revise the EPA Reg. No. to read 7969-241.</li> <li>• Revise the If Swallowed First Aid Statements as follows: If Swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.</li> <li>• Revise the Precautionary Statements as follows: Harmful if swallowed, inhaled or absorbed through the skin. Do not breathe vapor or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.</li> </ul> </li> </ol>				
Ann Scholtz for Richard Gebken Product Manager 10 Insecticide Branch Registration Division (7505P)			Date: JUN 13 2007	

- Revise the User Safety Recommendations as follows:  
Wash thoroughly with soap and water after handling. 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.
- Revise the third sentence in the Environmental Hazards to read as follows: Runoff may be hazardous to estuarine and aquatic organisms in water adjacent to treated areas.
- Revise the REI statements to read as follows:  
Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. For early entry into 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, wear overalls, shoes plus socks and chemical resistant gloves. Exception: if the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances allows workers to enter the treated area if there will be no contact with anything that has been treated.
- Add to the General Instructions a subheading "Use Restrictions". Move the label language that follows the application volume table to this section and add the following:  
Do not apply to trees raised for pine nuts.  
Apply only as a soil injection. Do not apply to the soil surface.
- Revise the heading "Spray Preparation" to read "Preparing Diluted Solution". This product is not a spray.
- Add to the application instructions factors to consider when determining the amount of dilution to apply per tree.
- Revise the Warranty statements in accordance with Agency guidance on Warranty statements at the following website:  
<http://www.epa.gov/pesticides/regulating/labels/warranty.pdf>

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 Confidential Statement of formula dated 4/27/06 and received by the Agency on 6/11/06 is acceptable. A copy has been placed in the file jacket for this registration.

Data Required as Condition of Registration

**Group C—Subchronic Toxicity Test Guidelines**

<b>Guideline</b>	<b>Title</b>	<b>Due Date</b>
870.3465	Inhalation 28 day	June 8, 2009

**Comment:** Inhalation 28 day toxicity study in the rat. This study is required to further characterize the inhalation risk for use in the risk assessment of fipronil. The protocol for the existing 90-day inhalation toxicity study (OPPTS Guideline 870.3465) should be followed with the exposure (treatment) ending after 28 days, instead of 90 days.



The Chemical Company

# BASF PTM SC

## insecticide

**ACTIVE INGREDIENT:**

Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1-H-pyrazole-3-carbonitrile ..... 9.1%

**INERT INGREDIENTS** ..... 90.9%

Total ..... 100.0%

One gallon BASF PTM SC Insecticide contains 0.8 lbs Fipronil

EPA Reg. No. 7969-xxx

EPA Est. No. \_\_\_\_\_

### KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

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.)

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

FOR MEDICAL AND TRANSPORTATION EMERGENCIES ONLY  
CALL 24 HOURS A DAY 1-800-832-HELP (4357).

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
JUN 13 2007**

NET CONTENTS: \_\_\_\_\_

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

*Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
7969-241*

<b>FIRST AID</b>	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> induce vomiting unless told to by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to 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 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>
<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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p><b>NOTE TO PHYSICIAN:</b> 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. In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur.</p>	

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed, absorbed through skin or inhaled. Causes eye irritation. **DO NOT** get in eyes, on skin or on clothing. **DO NOT** breathe spray mist.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

All pesticide handlers (mixers, loaders, and applicators) must wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

Follow the 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.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

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 thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove contaminated clothing. Then wash body thoroughly with soap and water and put on clean clothing. Wash clothing with detergent and hot water before reusing.

Remove PPE immediately after handling this product. Wash outside of gloves before removing. Wash PPE before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds, fish, and 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. Care must be taken to avoid runoff. **DO NOT** contaminate water by cleaning equipment or disposal of wastes. **DO NOT** contaminate water when disposing of equipment washwaters.

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## 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.

**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 state or tribal 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 the label about personal protective equipment 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.

### CONTAINER DISPOSAL

Triple rinse (or equivalent). 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.

In case of minor spills or leaks, soak up with sand, earth or other suitable material and dispose of as pesticide waste.

## GENERAL INSTRUCTIONS

For application by injection to soil at the base of pine trees.

### SPRAY PREPARATION

Prior to mixing, 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.

Fill tank with approximately 1/2 the needed volume of water and start agitation if available. Pour measured amount of **BASF PTM SC** into tank. Add remaining water needed to make the final dilution.

Small handheld or backpack applicator tanks should be shaken after filling and before each application to ensure that the active ingredient is evenly suspended in the mixture. Tank lids must be sufficiently tight before shaking to avoid spillage

Applicator tanks too large to manually shake 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. Agitate to ensure thorough mixing. Periodic agitation of the final dilution is important to keep the active ingredient evenly suspended in the mixture.

**BASF PTM SC** 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, evaluate tank mix compatibility with **BASF PTM SC** in a small container before mixing larger quantities in the application tank.

### PESTS CONTROLLED

Nantucket pine tip moth (*Rhyacionia frustrana*) and pine bark aphids (*Cinara* spp.)

### APPLICATION

Apply a dilution of water and 21 fluid ounces **BASF PTM SC** per acre at the time of planting or soon after planting. Spot treat by injecting an amount of dilution at least 3 inches below ground into the rooting zone of each pine seedling. Divide the total number of target trees to be treated per acre by 21 fl oz to obtain the amount of **BASF PTM SC** to apply per tree. Dilute the required amount of fipronil with water to apply between 0.1 and 1.0 fl oz of total dilution per tree.

**Examples of Application Volumes  
Based on Number of Trees Planted per Acre Use Directions**

Number of trees per acre	Total volume of water + BASF PTM SC to be applied per tree	Total volume of water + BASF PTM SC per acre	Mix for 1 acre	
			BASF PTM SC	Water
		fl oz		
400	0.1	40	21	19
	0.5	200	21	179
	1.0	400	21	379
500	0.1	50	21	29
	0.5	250	21	229
	1.0	500	21	479
600	0.1	60	21	39
	0.5	300	21	279
	1.0	600	21	579

Make one application per year. **DO NOT** apply more than 21 fl oz (0.13 lb ai) **BASF PTM SC** per acre per year.

**DO NOT** apply this product through any kind of irrigation system.

**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. Protection of aquatic areas may be enhanced by maintaining all or a portion of this buffer in vegetative cover.

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**Condition 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.

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

 **BASF**

The Chemical Company