

7969-185

9/30/2002

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

NOTICE OF PESTICIDE:  
☒ Registration  
Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

7969-185

Date of Issuance:

SEP 30 2002

Date of Expiration:

September 30,  
2007

Term of Issuance:

Unconditional

Name of Pesticide Product:

Pyraclostrobin Technical

Name and Address of Registrant (include ZIP Code):

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 registered for a period of five (5) years from the date of this letter, in accordance with FIFRA section 3(c)(5), provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the changes to the label that are listed below before you release the product for shipment:
  - a. Revise the EPA Registration Number to read "EPA Reg. No. 7969-185".
3. Satisfy the data requirements listed below by the due date(s) included with each item.
  - a. Annually, by December 31 of each year and beginning in 2003, report percent crop treated data for pyraclostrobin for each crop pyraclostrobin is sold for use on.

Signature of Approving Official:

15/

Date:

SEP 30

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b. Annually submit, by November 15, production information (pounds or gallons produced) for the subject product for the preceding fiscal year in which the uses are conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1 and ends September 30 of each calendar year. This information must be submitted to:

U.S. Environmental Protection Agency  
Office of Pesticide Programs  
Registration Support Branch  
Registration Division (7505C)  
Washington, D.C. 20460

c. A satisfactory 2-Year Chronic Toxicology Study in rats study must be submitted for female rats by September 30, 2006. The primary deficiency in the results for female rats in the study previously submitted is that the highest administered dose was well below the sub-chronic maximum dose and there were no significant treatment-related toxicological effects.

d. A satisfactory 18-Month Carcinogenicity Study in mice must be submitted for female mice by September 30, 2006. The primary deficiency in the results for female mice in the study previously submitted is that the highest administered dose was well below the subchronic maximum tolerated dose and there were no significant systemic treatment-related toxicological effects of the dosing.

e. A satisfactory 2-Generation Multigeneration Reproduction Study in rats must be submitted by September 30, 2005. The primary deficiencies in the study previously submitted are that there were no adverse, treatment-related maternal, reproductive, or offspring effects at the highest dose tested, and the limit dose was not approached.

f. A satisfactory 28-Day Dermal Toxicity Study in rats must be submitted by September 30, 2004. The primary deficiencies in the study previously submitted is that there were no treatment-related systemic effects noted at the highest dose tested, and the limit dose was not approached.

g. A satisfactory 28-Day Inhalation Toxicity Study in Rats must be submitted by September 30, 2004. This study is required due to the potential for inhalation occupational/residential exposure, which we cannot currently assess. This study must be performed using: a) the same form of pyraclostrobin to which workers will be exposed and b) the protocol for the 90-Day Inhalation Toxicity Study, but over a 28-day exposure period.

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h. A satisfactory Aerobic Aquatic Metabolism (Guideline Requirement Number (GRN) 162-4) study must be submitted by September 30, 2005. One of the two studies submitted previously was judged to be Supplementary, the other Unacceptable.

i. A satisfactory study of the acute aquatic toxicity of the major pyraclostrobin degradates, BF 500-3 and BF 500-6, to freshwater fish (rainbow trout) must be submitted by September 30, 2005.

j. A satisfactory study of the acute aquatic toxicity of the major pyraclostrobin degradates, BF 500-3 and BF 500-6, to freshwater invertebrates (daphnia) must be submitted by September 30, 2005.

k. A satisfactory study of the acute aquatic toxicity of the major pyraclostrobin degradates, BF 500-3 and BF 500-6, to freshwater green algae must be submitted by September 30, 2005.

l. A satisfactory study of the acute aquatic toxicity of pyraclostrobin to sediment-dwelling organisms (chironomids and amphipods) must be submitted by September 30, 2005.

m. A satisfactory Mysid Life-cycle Study of pyraclostrobin must be submitted by September 30, 2005.

n. A satisfactory avian acute toxicity study using the formulated product Headline EC must be submitted by September 30, 2005.

o. A satisfactory fish acute toxicity study using the formulated product Headline EC must be submitted by September 30, 2005.

p. BASF must modify, within three (3) months of BASF's receipt of them from the Agency, the two tolerance enforcement methods for determination of the residues of pyraclostrobin and its desmethoxy metabolite in or on plant commodities, 1) the LC/MS/MS method D9808 and 2) the HPLC/UV method D9904, to include any modifications made by the EPA laboratory during the Agency laboratory validation.

q. BASF must modify, within three (3) months of BASF's receipt of them from the Agency, the two tolerance enforcement methods for determination of the residues of pyraclostrobin in or on ruminant commodities, 1) the HPLC/UV method 439/0 and 2) the HPLC/UV method 446 (consisting of GC/MS method 446/0 and LC/MS/MS method 446/1), to include any modifications made by the EPA laboratory during the Agency laboratory validation.

r. The geographic distribution in the U.S. of the residue data for the dried shelled pea and bean (except soybean) subgroup is not adequate to allow establishment of a dried pea tolerance and inclusion of dried peas on the label. If BASF still desires the dried pea use you must submit five (5) additional dry pea seed trials from Region 11. These trials must reflect the application of the 2 lb./gallon WDG formulation according to the maximum proposed use rate and must report the results for the food commodity and also for the feed commodities field pea vines and field pea hay. The Canadian trials that were conducted in Zone 14 cannot be used to support the U.S. registration because this zone does not border Region 11.

s. If BASF still desires addition of the foliage of legume vegetables (except soybeans) subgroup, you must submit a satisfactory study reporting the residue results of three (3) field trials on field peas and of three (3) field trials on a cultivar of bean (cowpea is the preferred commodity), all of which reflect the maximum proposed use pattern of the 2 lb./gallon WDG formulation. This study must be submitted by September 30, 2005.

t. A satisfactory storage stability study, adequate to support the storage conditions and intervals of the milk fat and tissue samples from the ruminant feeding study, must be submitted by September 30, 2004.

u. A satisfactory study containing additional information confirming that rotational crop samples were analyzed within the interval represented by the storage stability study must be submitted by September 30, 2004.

4. Submit one copy of your final printed label before you release this product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

The registration of the subject product shall terminate automatically on September 30, 2007 unless the Agency, prior to that date and in writing, amends this term and condition to alter or eliminate this termination date. Your release for shipment of the product constitutes acceptance of all preceding conditions.

Attachments: Product label, stamped "Accepted with Comments"  
A-79 Enclosure

**BASF**

# Pyraclostrobin Technical

A technical product for use in fungicide formulations.

**Active Ingredient:**

pyraclostrobin: carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl] oxy] methyl] phenyl] methoxy-, methyl ester ....98.0%

Other Ingredients: .....2.0%

Total .....100.0%

**EPA Reg. No. 7969-RIL****EPA Est. No. 7969-DEU-002****KEEP OUT OF REACH OF CHILDREN****Precautionary Statements****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**Environmental Hazards**

This pesticide is toxic to fish and aquatic 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 Environmental Protection Agency. Do not contaminate water when disposing of equipment washwaters.

**See container label for net contents.**

Product of Germany

BASF Corporation

26 Davis Drive, Research Triangle Park, NC 27709

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

SEP 30 2002

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

7969-185

<b>FIRST AID</b>	
If on skin or clothing	<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>
If in eyes	<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 advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled	<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 by mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p> <p>You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).</p>	

### Directions For Use

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

Only for formulation into fungicides for use on citrus, cucurbit vegetables, dry beans, grapes, peanuts, potatoes, barley, rye, wheat, grasses grown for seed, sugar beets, tomatoes, berries, bulb vegetables, fruiting vegetables, pistachios, root vegetables, stone fruits, strawberries, and tree nuts. This product may be used to formulate products for any additional uses not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA data submission requirements regarding the support of such uses.

**Storage and Disposal**

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place.

**Pesticide disposal:** Wastes resulting from using this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of 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:** Reusable containers should be returned to the point of purchase for cleaning and refilling because the container must be thoroughly cleaned before refilling.

**In Case of Emergency**

In case of large-scale spillage regarding this product, call:

CHEMTREC.....800-424-9300

BASF Corp.....800-832-HELP

**Steps to be taken in case material is released or spilled:** Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid material to separate labeled containers for disposal. Remove contaminated clothing and wash affected skin areas with water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water.

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UN 3077



Environmentally hazardous substance,  
solid, n.o.s. (contains pyraclostrobin),  
9, UN 3077, PG III

