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|  | U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460 | EPA Reg. Number: 71711-8 | Date of Issuance FEB 22 2001 | |
| | NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended) | Term of Issuance: Conditional | | Name of Pesticide Product: PCC511 Fungicide |
| | Name and Address of Registrant (include ZIP Code): Nihon Nohyaku America, Inc. 4550 New Linden Hill Road, Suite 501 Wilmington, DE 19808 | | | |
| <p>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> <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)(B) provided that you:</p> <ol style="list-style-type: none"> Submit/cite all data required for the registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. Make the following label changes: <ol style="list-style-type: none"> Add the EPA Registration Number 71711-8. Move the "Other Ingredient" concentration in the Active Ingredient section one space to the left so that the decimal points for flutolanil, mancozeb and "other ingredient" are lined up. The concentrations for the mancozeb components may be left where they are. Add "Harmful if absorbed through skin" to the Precautionary Statements. | | | | |
| Signature of Approving Official:  Mary L. Waller, Product Manager, Team 21 | | Date: FEB 22 2001 | | |

d. Replace the existing Personal Protective Equipment text with:
 "Applicators and other handlers must wear coveralls over long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Mixers and loaders must wear coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear and a chemical resistant apron."

e. Change the Restricted Entry Interval (REI) in the Agricultural Use Requirements box from 12 to 24 hours.

f. Add the following text to the end of the Agricultural Use Requirements box: "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. PPE required for early entry to 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, is: coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear."

3. The following confirmatory data must be submitted to the Agency within two (2) years from the date of registration:

| | |
|--------|--|
| 164-1 | Terrestrial Field Dissipation - Soil (Flutolanil technical) |
| 71-1 | Acute Avian Oral (PCC511)* |
| 71-2 | Acute Avian Dietary - Mallard (PCC511)* |
| 71-4 | Avian Reproduction - Mallard (PCC511)* |
| 72-1 | Freshwater Fish LC50 - Rainbow and Bluegill (PCC511)* |
| 72-2 | Freshwater Invertebrate LC50 (PCC511)* |
| 72-4 | Estuarine Life Cycle Aquatic Invertebrate (PCC511)* |
| 72-3 | Estuarine and Marine Fish LC50 (Technical flutolanil) |
| 72-5 | Freshwater Fish Life Cycle (Technical flutolanil) |
| 72-5 | Marine Fish Life Cycle (Technical flutolanil) |
| 171-4b | Fortification recovery data for flutolanil and its metabolites from potato and radiovalidation data from all previously submitted metabolism studies. (Technical flutolanil) |
| 171-4c | Storage stability data for residues of flutolanil and representative metabolites in/on potatoes and potato processed commodities during frozen storage are required to support the storage interval of 3.5 years for potatoes and potato processed commodities. (Technical flutolanil) |

* The potential for synergistic effects between flutolanil and mancozeb is not fully understood by the Agency. These data may be required unless the registrant can address this issue.

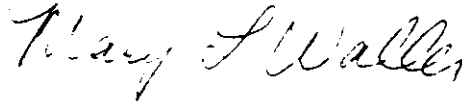
Additionally, be advised that the Agency may require a prospective ground water study for technical flutolanil based on the results of the terrestrial dissipation study (164-1) requested above.

4. Submit one (1) copy of the revised final printed label before you release the product for shipment.

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. If you have any questions, contact Lisa Jones of my staff at (703) 308-9424 or at jones.lisa@epa.gov

Sincerely yours,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosures: Stamped copy of label

PCC511™ Fungicide

Potato Seed-Piece Treatment for Control of Seedling Diseases

| Active Ingredients: | Percent by Weight |
|--|-------------------|
| N-[3-(1-methylethoxy) phenyl]-2-(trifluoromethyl) benzamide | 1.5% |
| Mancozeb, a coordination product of zinc ion and manganese ethylene Bisdithiocarbamate, in which the ingredients are | 6.0% |
| Manganese ⁺⁺ | 1.20% |
| Zinc ⁺⁺ | 0.15% |
| Ethylene bisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄) | 4.65% |
| Other Ingredients: | 92.5% |
| TOTAL | 100.0% |

EPA Reg. No. 71711-

U.S. Patent No. 5007953

EPA Est. No. 38091-ID-1

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

If on skin or clothing: 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 in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 15 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES, INFORMATION MAY BE OBTAINED BY CALLING 1-800-441-3637

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
FEB 22 2001**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No. 71711-8**

Follow 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.

**NIHON NOHYAKU AMERICA, INC.
4550 NEW LINDEN HILL RD., SUITE 501
WILMINGTON, DE 19808**

NET CONTENTS: ____ lb.

User Safety Recommendations

Users should:

- 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 outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish. For terrestrial uses, do not apply to water, areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Do not contaminate water used for watering livestock or domestic purposes. Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

STORAGE AND DISPOSAL

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

Storage: Store in a cool, dry location.

Pesticide disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not use this product at higher than the recommended rate. 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 agency in your State 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 this label about personal protective equipment (PPE) 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 12 hours.

General Information

PCC511 is a coformulation containing two fungicides effective for the suppression of Black scurf and *Rhizoctonia* stem canker (*Rhizoctonia solani*), *Fusarium* dry rot (*Fusarium sambucinum*; *F. coeruleum*), and Silver scurf (*Helminthosporium solani*) on potato seed pieces. PCC511 will help reduce the spread of *Phytophthora infestans* (late blight) that may occur from surface infestation resulting from seed-piece to seed-piece contact during the handling, cutting, and planting process. [PCC511 is not effective against systemic seed-piece infections or airborne (secondary) inoculum of *P. infestans*.] PCC511 contains 1.5% flutolanil and 6.0% mancozeb in a tree bark based formulation. This pesticide will not control bacterial diseases or other diseases not claimed on this label for varieties known to be susceptible to bacterial soft rot. Companion fungicides known to be effective against this organism should be used. Consult your extension potato pathologist for variety and treatment information.

PCC511 is to be used as an integral part of a potato disease management strategy. This strategy includes the use of high quality certified seed and the incorporation of cultural practices such as: crop rotation, optimal harvest time to minimize disease development, and proper handling of tubers to minimize bruising and improve storage quality. Sound strategy should also include sanitation of equipment and storage areas to reduce disease inoculum, and control of storage area temperature, humidity and ventilation. Consult your local agricultural extension agent for more information on disease management practice

Application

For the suppression of seed borne *Fusarium* dry rot, Black scurf, Silver scurf, and *Rhizoctonia* stem canker, use PCC511 at the rate of 1 lb. of product per 100 lb. of cut seed. Apply PCC511 to the seed pieces immediately after cutting, using dispensing equipment that will give thorough coverage of the dust to the cut seed surfaces. Thoroughly clean and sanitize cutting equipment including knives, belts, rollers, tables, trucks and planting equipment before planting seed.

Do not use treated seed pieces for food, feed, or fodder. Apply only in areas with adequate ventilation or dust collection and control equipment installed.

USE PRECAUTIONS

Do not plant rotational crops other than potatoes, peanuts or rice for 12 months following the last planting of potato seed pieces treated with PCC511, with the following exceptions:

- Leafy vegetables (such as lettuce, spinach or celery) or small grain crops (such as wheat, barley, oats, rye), may be planted 150 days or more following the last planting of potato seed pieces treated with PCC511 to potatoes.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability. **CONDITIONS:** The directions for use of this product are believed to be accurate and should be followed carefully. However, because of extreme weather and soil conditions, use methods and other factors beyond the control of Nihon Nohyaku America, Inc. (NNAI), it is impossible for NNAI to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks are assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NNAI is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. NNAI disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT THE ELECTION OF NIHON NOHYAKU AMERICA, THE REPLACEMENT OF PRODUCT.

Nihon Nohyaku America, Inc. 2000