

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 71711-8	2. EPA Product Manager Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MonCoat MZ TM Potato Seed-Piece Treatment	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Nichino America, Inc. 4550 New Linden Hill Road, Suite 501 Wilmington, DE 19808 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION
 AUG 29 2001

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Attachments: Letter M.A. Maks to M. Waller, dated July 18, 2001
 Six (6) copies of printed label, identified as 062001 and submitted per notification, PR Notice 98-10
 One (1) copy of label with changes highlighted

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt. 40 lb.	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input checked="" type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 40 lb.
5. Location of Label Directions <input checked="" type="checkbox"/> on label		6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Marie A. Maks	Title Manager, Regulatory Affairs	Telephone No. (Include Area Code) (302) 636-9001
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Manager, Regulatory Affairs	
4. Typed Name Marie A. Maks	5. Date July 18, 2001	

AUG 29 2001

MonCoat MZ™

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. 71711-8

U.S. Patent No. 5007953

EPA Estab. 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 1-800-348-5832. For product information, use internet site www.nichino.net.

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Mixers and loaders must wear:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical resistant apron

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.

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 24 hours.

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
- Protective eyewear

GENERAL INFORMATION

MonCoat MZ 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. MonCoat MZ 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. [MonCoat MZ is not effective against systemic seed-piece infections or airborne (secondary) inoculum of *P. infestans*.] MonCoat MZ 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.

MonCoat MZ 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 MonCoat MZ at the rate of 0.75 to 1.0 lb. of product per 100 lb. of cut seed. Apply MonCoat MZ 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 MonCoat MZ, 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 MonCoat MZ to potatoes.

IMPORTANT: READ BEFORE USE

WARRANTY STATEMENT

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: Nichino America, Inc. (NAI) warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use 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 Nichino America, Inc., it is impossible for NAI 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: NAI makes 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 NAI is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. NAI 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 NICHINO AMERICA, THE REPLACEMENT OF PRODUCT.

Nichino America, Inc. 2001

**Nichino America, Inc.
4550 New Linden Hill Road, Suite 501
Wilmington, DE 19808**

NET CONTENTS: 40 lb.

062001