**GROUP 7 | M3 FUNGICIDE**

**MONCOAT**

**ACTIVE INGREDIENTS:**
- Flutolanil: Benzamide, N-[3-(1-methylethoxy)phenyl]-2-(trifluoromethyl) 1.5%
- Mancozeb: 6.0%
- a coordination product of zinc ion and manganese ethylene bisdithiocarbamate, in which the ingredients are:
  - Manganese++ 1.20%
  - Zinc++ 0.15%
  - Ethylene bisdithiocarbamate ion (CuA/NSu) 4.65%
- OTHER INGREDIENTS: 92.5%
- TOTAL 100.0%

EPA Reg. No. 71711-8  
EPA Est. No. 2935-CA-001

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside booklet for First Aid, Precautionary Statements, and Directions for Use

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12/14

**Nichino America**

Nichino America, Inc.  
4555 New Linden Hill Road  
Wilmington, DE 19809
**FIRST AID**

| If swallowed | • Call a poison control center or doctor immediately for treatment advice.  
| | • Have person sip a glass of water if able to swallow.  
| | • Do not induce vomiting unless told to by a poison control center or doctor.  
| | • Do not give anything to an unconscious person.  
| If on skin | • 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 5 minutes; then continue rinsing.  
| | • Call a poison control center or doctor for treatment advice.  

**HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-348-5832 for emergency medical treatment information. In case of fire or spills, information may be obtained by calling 1-800-424-9300.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some materials that are chemical-resistant to this product are listed below.
Loaders, applicators, and other handlers must wear:
- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or Viton®
- A NIOSH-approved particulate respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-84-A or any N, R, P, or HE filter.
See Engineering Controls for additional requirements.

User Safety Requirements
Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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/PPE 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.

ENGINEERING CONTROLS

Large scale seed-piece treatment facilities that, on any given week in the current year or in the past year, treated ≥ 50,000 cwt (≥2,500 tons) must use a dust collection system during the treatment of the seed-pieces that prevents dust from contacting handlers or other persons.

Handlers using the dust collection system must wear:
- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or Viton (except pilots, groundboom applicators, and airblast applicators)
- Must be provided with, have immediately available, and wear in an emergency such as a broken package, spill, or equipment breakdown: a NIOSH-approved particulate respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-84-A or any N, R, P, or HE filter.
ENVIRONMENTAL HAZARDS
This product is toxic to aquatic organisms. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
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 this label about personal protective equipment (PPE) and restricted-entry interval.

(continued)
AGRICULTURAL USE REQUIREMENTS
(continued)
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. 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:
• Coveralls
• Shoes plus socks
• Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or Viton

USE INFORMATION
MONCOAT® MZ fungicide is a co-formulation containing two fungicides effective for the suppression of Black scurf and Rhizoctonia stem canker (Rhizoctonia solani), Fusarium dry rot (Fusarium sambucinum; F. coerulentum), and Silver scurf (Helminthosporium solani) on potato seed-pieces.
MONCOAT MZ fungicide 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 fungicide is not effective against systemic seed-piece infections or airborne (secondary) inoculum of *P. infestans*.

MONCOAT MZ fungicide 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 fungicide 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.
ATTENTION: This product contains mancozeb and ETU, chemicals known to the state of California to cause cancer. ETU is also known to the state of California to cause birth defects or other reproductive harm.

CROP ROTATION RESTRICTIONS

<table>
<thead>
<tr>
<th>Crop/Crop Group</th>
<th>Plantback Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>30 days</td>
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<tr>
<td>Leafy vegetables (such as lettuce, spinach, celery)</td>
<td>150 days</td>
</tr>
<tr>
<td>Small grains other than wheat (such as barley, oats, rye)</td>
<td></td>
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<tr>
<td>Corn (such as field, sweet, popcorn)</td>
<td>240 days</td>
</tr>
<tr>
<td>Cotton, Sorghum, Soybeans</td>
<td>240 days</td>
</tr>
<tr>
<td>All other crops</td>
<td>365 days</td>
</tr>
</tbody>
</table>

RESISTANCE MANAGEMENT
The active ingredients in MONCOAT MZ fungicide are flutolanil, which belongs to the succinate dehydrogenase inhibitor class (FRAC Group 7) and mancozeb (FRAC Group M3). Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotating and/or tank mixing with products having different modes of action or limiting the total number of applications per season. Nichino America, Inc. encourages responsible product stewardship to ensure effective long-term control of the fungal diseases on this label.
APPLICATION RESTRICTIONS

Seeds/seed-pieces that have been treated with this product that are then packaged or bagged for future use must contain the following labeling on the outside of the seed/seed-piece package or bag:

- When opening this bag or loading/pouring the treated seed/seed-pieces, wear: a long-sleeved shirt, long pants, shoes, socks, chemical-resistant gloves, and a NIOSH-approved particulate respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-84-A or any N, R, P, or HE filter.

- Treated Seed/Seed-Pieces-Do Not Use for Food, Feed, or Oil Purposes. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting.

- After the seeds/seed-pieces have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. Exception: Once the seeds/seed-pieces are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.
### MONCOAT MZ FUNGICIDE

**APPLICATION RATE CHART**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rate/Acre</th>
<th>Directions for Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seed-borne Black scurf*</td>
<td>0.75 to 1.0 lb/100 lbs of cut seed-pieces</td>
<td>• Apply to the seed-pieces immediately after cutting. Use dispensing equipment that will give thorough coverage of the dust to the cut seed-piece surfaces.</td>
</tr>
<tr>
<td>Seed-borne Fusarium dry rot (Fusarium sambucinum; Fusarium coeruleum)*</td>
<td></td>
<td>• Thoroughly clean and sanitize cutting equipment including knives, belts, rollers, tables, trucks, and planting equipment before planting seed-pieces.</td>
</tr>
<tr>
<td>Seed-borne Rhizoctonia stem canker (Rhizoctonia solani)*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seed-borne Silver scurf (Helminthosporium solani)*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*suppression

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Note: This product does not contain dye and is not covered by an appropriate tolerance, tolerance exemption, or other clearance under the Federal Food, Drug, and Cosmetic Act. To comply with 40 CFR 153.155, therefore, all seed treated commercially with this product must be colored with an EPA-approved dye or colorant of a suitable color to prevent accidental use as food for man or feed for animals.
STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container, and keep tightly closed when not in use. Store in a cool, dry place.

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

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment; then offer for recycling, if available, or dispose of empty bag in a sanitary landfill, or by incineration.

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 must be followed carefully. However, because of extreme weather and soil conditions, use methods and other factors beyond the control of Nichino America, Inc. (NAI), 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. To the extent consistent with applicable law, all such risks are assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A
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Formulated and Packaged in U.S.A. for

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SL-201 042914-4
ACTIVE INGREDIENTS:

Flutolanil: Benzamide, N-[3-(1-methylethoxy)phenyl]-2-(trifluoromethyl) - 1.6%

Mancozeb: 6.0%
a coordination product of zinc ion and manganese ethylene bisdithiocarbamate, in which the ingredients are:
Manganese++ 1.20%
Zinc++ 0.18%
Ethylene bisdithiocarbamate ion (C4H6N2S4) 4.65%

OTHER INGREDIENTS: 92.5%

TOTAL 100.0%

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