GROUP 7 FUNGICIDE

MONCUT®

ACTIVE INGREDIENT: % by Wt.
Flutolanil: Benzamide, N-[3-(1-methylethoxy)phenoxy]-2-(trifluoromethyl)-.......................... 70.0%
OTHER INGREDIENTS: ........................................ 30.0%
TOTAL 100.0%
Contains 0.70 lbs flutolanil per pound of product
EPA Reg. No. 71711-14
EPA Est. No. 67545-AZ-1 39578-TX-1
superscript corresponds with lot number
KEEP OUT OF REACH OF CHILDREN
CAUTION
See inside booklet for First Aid, Precautionary Statements, and Directions for Use

NET CONTENTS: 7.5 pounds
360102
10/14

NICHINO AMERICA®
Nichino America, Inc.
4550 New Linden Hill Road
Wilmington, DE 19808

file: 66192_book_art
folder: 66192_nichino_208171-32
colors: black, 131
size: 3" (w) x 5" (h)
<table>
<thead>
<tr>
<th>FIRST AID</th>
<th></th>
</tr>
</thead>
</table>
| **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.  |
| **If inhaled** | • Move person to fresh air.  
|            | • If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible.  
|            | • Call a poison control center or doctor for further treatment advice.  |
| **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 do so by a poison control center or doctor.  
|            | • Do not give anything to an unconscious person.  |

(continued)
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, 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)

Applicators and other handlers must wear:
• Long-sleeved shirt and long pants
• Shoes plus socks
• Waterproof or chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or Viton®

FIRST AID (continued)

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.
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.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic invertebrates. For terrestrial uses: do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.
Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.
This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow groundwater.
This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of flutolanil from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

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. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.
AGRICULTURAL USE REQUIREMENTS (continued)
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
• Waterproof or chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or Viton

USE INFORMATION
MONCUT® fungicide is a systemic fungicide for control of black scurf (Rhizoctonia solani) and powdery scab (Spongospora subterranea) in potatoes and wirestem (Rhizoctonia solani) in brassica (cole) leafy vegetables.
MONCUT is not for sale, sale into, distribution, and/or use in Nassau and Suffolk counties of New York State.

RESISTANCE MANAGEMENT
The active ingredient in MONCUT fungicide is flutolanil and belongs to the succinate dehydrogenase inhibitor class (FRAC Group 7). 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 ac-
tion 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.

**MIXING DIRECTIONS**

Shake well before using. Read and follow all label directions for each tankmix product prior to any tank mixing with MONCUT fungicide. This product can be mixed with other registered pesticides for use on labeled crops or sites, in accordance with the most restrictive use directions and precautions. No labeled dose rate should be exceeded.

**MONCUT** fungicide is physically and biologically compatible with many registered pesticides, fertilizers, or micronutrients. Contact your supplier for advice when considering mixing **MONCUT** fungicide with other pesticides, fertilizers, or micronutrients. If you have no experience with the combination you are considering, you should conduct a test to determine physical compatibility. To determine physical compatibility, add the recommended proportions of each chemical with the same proportion of water as will be present in the chemical supply tank into a suitable container; mix thoroughly, and allow to stand for five minutes. If the combination remains mixed, or can be readily remixed, the mixture is considered physically compatible.

**MONCUT Fungicide Alone:** Begin with clean equipment. Fill spray tank with ¾ of the amount of water needed for the intended application and then turn on agitation. Pour recommended amount of product on the surface of water in the spray tank.
Add the remaining water volume to the spray tank with agitation running. Keep agitation running during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load.

**MONCUT Fungicide in Tank Mixtures:** Begin with clean equipment. Fill spray tank with \( \frac{3}{4} \) of the amount of water needed for the intended application and turn on agitation. If using a buffering agent, add after filling the tank with \( \frac{3}{4} \) amount of water. Add the recommended amount of tankmix products in the following order while maintaining agitation:

1. products in water-soluble packets
2. wettable powders
3. water-dispersible granulars and/or soluble powders (including MONCUT fungicide)
4. flowable liquids
5. emulsifiable concentrates
6. adjuvants and/or oils
7. remaining amount of water to achieve the desired level

Always follow the labeled mixing instructions of any partner products. Keep agitation running during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load. Storage and use of the previous day’s spray mix may result in reduced activity.

**USE PRECAUTIONS**

- Do not use oil as carrier or add other additives to the finished spray.
<table>
<thead>
<tr>
<th>Crop</th>
<th>Rotational/Plantback Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brassica (cole)</td>
<td>0 days following application</td>
</tr>
<tr>
<td>Leafy vegetables</td>
<td></td>
</tr>
<tr>
<td>Cotton</td>
<td></td>
</tr>
<tr>
<td>Peanuts*</td>
<td></td>
</tr>
<tr>
<td>Potatoes</td>
<td></td>
</tr>
<tr>
<td>Rice*</td>
<td></td>
</tr>
<tr>
<td>Soybeans</td>
<td></td>
</tr>
<tr>
<td>Turnip greens</td>
<td></td>
</tr>
<tr>
<td>Wheat</td>
<td>30 days following application</td>
</tr>
<tr>
<td>Leafy vegetables (such as lettuce, spinach, or celery)</td>
<td>150 days following application</td>
</tr>
<tr>
<td>Small grain crops other than wheat (such as barley, rye, or oats)</td>
<td></td>
</tr>
<tr>
<td>Corn (such as field, sweet, or popcorn)</td>
<td>240 days following application</td>
</tr>
<tr>
<td>Sorghum</td>
<td></td>
</tr>
<tr>
<td>All other crops</td>
<td>365 days following application</td>
</tr>
</tbody>
</table>

*not for use on peanuts and rice in California
SPRAY DRIFT MANAGEMENT

Avoid spray drift to all other crops and nontarget areas. Do not apply when weather conditions may cause drift. Do not allow this product to drift onto nontarget areas. Drift may result in illegal residues or injury to adjacent crops and vegetation. Use of larger droplet size will also reduce spray drift.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR. The interaction of equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making decisions. Droplet size, boom height, and wind speed are the primary factors determining drift. The specific application conditions required for the use of this product are described below.

Controlling Droplet Size – General Techniques

Volume
Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

Pressure
Do not exceed the nozzle manufacturer’s recommended pressures. For many nozzle types, lower pressure produces larger droplets. Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
Boom Height – Ground
Setting the boom at the lowest labeled height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

Wind
Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Application must be avoided below 2 mph due to variable wind direction and high inversion potential. AVOID GUSTY OR WINDLESS CONDITIONS. Note: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

Temperature and Humidity
When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions
Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. This cloud can move in unpredictable directions due to the light and variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to
no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

**Sensitive Areas**
The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

**Shielded Sprayers**
Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with the uniform deposition of the product.
### Potato
(In-Furrow Use Only)

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rate/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black scurf <em>(Rhizoctonia solani)</em></td>
<td>0.71 to 1.1 lbs product/acre (see reference chart, page 14)</td>
</tr>
<tr>
<td>Powdery Scab* <em>(Spongospora subterranea)</em></td>
<td>0.50 to 0.77 lb a.i./acre</td>
</tr>
<tr>
<td>*suppression only</td>
<td></td>
</tr>
</tbody>
</table>

#### Directions for Use

- Apply as an in-furrow spray using a minimum of 3 gallons of water per acre.
- Apply between 0.71 to 1.1 lbs product (0.50 to 0.77 lb a.i.) per acre (see chart, page 14).
- Direct spray uniformly over the seed pieces, bottom, and walls of the seed furrow and soil that is used to cover the seed pieces in a 4 to 8 inch band prior to covering with soil.
- Use the higher rate where disease pressure is expected to be severe or if field has a history of *Rhizoctonia* infestation.
- Do not apply this product through any type of irrigation system.
In-Furrow Application Rates

<table>
<thead>
<tr>
<th>Row Spacing</th>
<th>0.71 lb/acre</th>
<th>1.1 lbs/acre</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ounces</td>
<td>ounces</td>
</tr>
<tr>
<td></td>
<td>product/1000</td>
<td>product/1000</td>
</tr>
<tr>
<td></td>
<td>row ft</td>
<td>row ft</td>
</tr>
<tr>
<td>40” Row</td>
<td>0.87 oz</td>
<td>1.31 oz</td>
</tr>
<tr>
<td>38” Row</td>
<td>0.83 oz</td>
<td>1.24 oz</td>
</tr>
<tr>
<td>36” Row</td>
<td>0.79 oz</td>
<td>1.18 oz</td>
</tr>
<tr>
<td>34” Row</td>
<td>0.74 oz</td>
<td>1.11 oz</td>
</tr>
<tr>
<td>32” Row</td>
<td>0.70 oz</td>
<td>1.04 oz</td>
</tr>
</tbody>
</table>

Brassica (Cole) Leafy Vegetables (Crop Group 5) broccoli; broccoli, Chinese (gai lon); broccoli raab (rapini); Brussels sprouts; cabbage; cabbage, Chinese (bok choy); cabbage, Chinese (napa); cabbage, Chinese mustard (gai choy); cauliflower; cavalo broccolo; collards; kale; kohlrabi; mizuna; mustard greens; mustard spinach; rape greens

Turnip Greens

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rate/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wirestem</td>
<td>1.1 lbs product/acre (0.77 lb a.i./acre)</td>
</tr>
</tbody>
</table>

Directions for Use

- If transplanted, apply in a narrow band directed at plant bases immediately after transplanting in 30 to 50 gallons per acre.
- Apply to the row at planting, as an in-furrow or directed spray at the base of transplants.
- Apply using a minimum of 3 gallons of spray volume per acre.
- Do not make more than 1 application per season.
- Preharvest Interval (PHI): 45 days if applied as soil drench at planting.
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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888-740-7700

SL-203 050114-5

16
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