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Systems Integration Group, Inc.

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Moncut CL Flowable

Fungicide for control of certain diseases on peanuts

Active Ingredients:

Chlorothalonil (tetrachloroisophthalonitrile)	38.6%
Flutolanil (N-[3-(1-methylethoxy)-phenyl]-2-(trifluoroethyl)-benzamide)	10.3%
Other Ingredients	51.1%
Total:	100.0%

Contains 4.17 lb. chlorothalonil per gallon (500 grams per liter) and 1.11 lb. flutolanil per gallon (133 grams per liter)

EPA Reg. No. 71711-2

EPA Est. No. 67545-AZ-1

PRECAUTIONARY STATEMENTS
KEEP OUT OF THE REACH OF CHILDREN
 Hazards to Humans and Domestic Animals

ACCEPTED
 JUN 22 1999
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 71711-2

CAUTION

Causes eye irritation. Harmful if swallowed. Harmful if absorbed through skin. May be a potential skin sensitizer. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Avoid contact with skin, eyes, or clothing. Avoid breathing dust or spray mist. Avoid prolonged contact with skin. **DO NOT** take internally.

Note to User: This product may produce mild bronchial irritation and temporary irritation of the skin characterized by redness or rash on exposed skin areas. Affected persons should consult a physician.

FIRST AID:

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If in eyes: Immediately flush eyes with plenty of water and continue for 15 minutes. Call a physician if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

Note to physician: Persons having temporary irritation may respond to treatment with antihistamines or steroid creams and/or systemic steroids.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, 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. Do not apply when weather conditions favor drift from treated areas. Apply only to areas specified on label.

See additional precautionary statements and directions for use below.

NIHON NOHYAKU AMERICA, INC.
724 YORKLYN RD., SUITE 315
HOCKESSIN, DE 19707

NET CONTENTS: _____ lb

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Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. 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. When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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.

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 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. 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 48 hours.

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
- Waterproof gloves
- Shoes plus socks
- Protective eyewear.

Moncut CL Flowable is designed for use on peanuts, under conditions which favor the development of diseases caused by fungi which attack both the crop canopy and structures beneath the soil surface (roots, pegs and pods). The contents should be mixed in water, using sufficient volume to permit thorough coverage of crop foliage, stems and soil surfaces, then applied to the peanut crop using broadcast spray techniques.

DO NOT combine this product in tank mixture with Dipel 4L, Foil or Latron B-1956, as phytotoxicity may result. Dipel is a registered trademark of Abbott Laboratories; Foil is a registered trademark of Ecogen Corporation. Latron B-1956 is a trademark of Rohm and Haas Company.

DO NOT combine this product in tank mixture with Omite 6E, Nu-Film 17 or Select 2EC, as the mixtures may not be physically compatible. Omite is a registered trademark of Uniroyal Chemical Company; Nu-Film is a registered trademark of Miller Chemical Company; Select is a registered trademark of Valent USA Corporation.

Diseases controlled: The following peanut diseases can be controlled by applications of this product in the manner described below:

- Early Leafspot (*Cercospora sp.*),
- Late leafspot (*Cercosporidium sp.*),
- Pepper spot, Rust, Web blotch, Southern stem rot, Southern blight, or "white mold" (*Sclerotium rolfsii*)
- Rhizoctonia limb rot (*Rhizoctonia solani*)

Apply at a rate of **2 pints per acre**, beginning when conditions are favorable for soil diseases such as Southern stem rot (white mold, Southern blight), generally 40-60 days after planting. Repeat applications at **10 to 14 day intervals**. Spray volume should be at least **15 gallons per acre**. For aerial applications spray volume should be at least **5 gallons per acre**. Applications may be made through sprinkler irrigation systems (see calibration directions following this section).

USE RESTRICTIONS
Do not apply more than **5 times per growing season**. Do not apply within **40 days before harvest**. Do not allow livestock to graze in treated areas. Do not feed hay or threshings from treated fields to livestock.

ROTATIONAL CROP RESTRICTIONS
Do not plant rotational crops other than peanuts for 12 months following the last application of this product, with the following exceptions:

- Wheat may be planted 120 days or more following the last application of this product;
- Corn, soybeans or cotton may be planted 240 days or more following the last application of this product.

Moncut CL Flowable is an excellent disease control product when used according to label directions for control of a broad spectrum of plant diseases. **Moncut CL Flowable** is recommended for use in programs which are compatible with principles of Integrated Pest Management (IPM), which include the use of disease-resistant crop varieties, cultural practices, pest scouting, and disease forecasting systems which reduce unnecessary applications of pesticides.

Moncut CL Flowable is effective for strategic use in programs that attempt to minimize disease resistance by peanut foliar diseases to fungicides. Some other fungicides which are at risk from disease resistance exhibit a single-site mode of fungicidal action. **Moncut CL Flowable**, with a multi-site mode of action, may be used to delay or prevent the development of foliar disease resistance to single-site fungicides. Consult with your federal or State Cooperative Extension Service representatives for guidance on the proper use of **Moncut CL Flowable** in programs which seek to minimize the occurrence of disease resistance to other fungicides.

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APPLICATION AND CALIBRATION TECHNIQUES FOR SPRINKLER IRRIGATION

Apply this product only through center pivot, motorized lateral move, traveling gun, solid set or portable (wheel move, side roll, end tow, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not apply this product through irrigation systems connected to a public water system. 'Public water system' means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year.

Controls for both irrigation water and pesticide injection systems must be functionally interlocked, so as to automatically terminate pesticide injection when the irrigation water pump motor stops. A person knowledgeable of the irrigation system and responsible for its operation shall be present so as to discontinue pesticide injection and make necessary adjustments, should the need arise. The irrigation water pipeline must be fitted with a functional, automatic, quick-closing check valve to prevent the flow of treated irrigation water back toward the water source. The pipeline must also be fitted with a vacuum relief valve and low pressure drain, located between the irrigation water pump and the check valve, to prevent back-siphoning of treated irrigation water into the water source. Always inject this product into irrigation water after it discharges from the irrigation pump and after it passes through the check valve. Never inject pesticides into the intake line on the suction side of the pump.

Pesticide injection equipment must be fitted with a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump. Interlock this valve to the power system, so as to prevent fluid from being withdrawn from the chemical supply tank when the irrigation system is either automatically or manually turned off. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Spray mixture in the chemical supply tank must be agitated at all times, otherwise settling and uneven application may occur. Do not apply when wind speed favors drift beyond the area intended for treatment.

This product may be used through two basic types of sprinkler irrigation systems as outlined in Sections A and B below. Determine which type of system is in place, then refer to the appropriate directions provided for each type.

A. Center Pivot, Motorized Lateral Move and Traveling Gun Irrigation Equipment

For injection of pesticides, these continuously moving systems must use a positive displacement injection pump, of either diaphragm or piston type, constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock and capable of injection at pressures approximately 2-3 times those encountered within the irrigation water line. Venturi applicator units cannot be used on these systems. Thoroughly mix recommended amount of this product for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run. Mixture in the chemical supply tank must be continuously agitated during the injection run. Shut off injection equipment after one revolution or run, but continue to operate irrigation system until this product has been cleared from last sprinkler head.

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B. Solid Set and Portable (Wheel Move, Side Roll, End Tow, or Hand Move) Irrigation Equipment

With stationary systems, an effectively designed in-line venturi applicator unit is preferred which is constructed of materials that are compatible with pesticides; however, a positive-displacement pump can also be used. Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty to forty-five minute period. Mix desired amount of this product for acreage to be covered with water so that the total mixture of this product plus water in the injection tank is equal to the quantity of water used during calibration, and operate entire system at normal pressures recommended by the manufacturer of injection equipment used, for amount of time established during calibration. Agitation is recommended. This product can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until this product has been cleared from last sprinkler head.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Storage: Store in a cool place.

Pesticide disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of federal law. If these wastes cannot be disposed of by use 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: DO NOT reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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.

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