



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
Aerial Rios Building
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg.
Number:

100-1195

Date of Issuance:

JUL 29 2004

Term of Issuance:

Conditional

Name of Pesticide Product:

ApronMAXX RFC

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

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.

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 (FIFRA). 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.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Section 4.
2. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 100-1195."
 - b. Add the following to the "Hazards to Humans and Domestic Animals" section of the label: "Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals."
3. Data for storage stability (830-6317) and corrosion characteristics (830-6320) must be submitted within 12 months.
4. Submit one copy of the revised final printed label before releasing the product for shipment.
5. If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 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.

Signature of Approving Official:

Mary L. Waller

Mary L. Waller
Product Manager (21)
Fungicide Branch

Date:

7/29/04

ApronMAXX™ RFC

Alternate Package Type: ApronMAXX RFC Ready-to-Mix

Fungicide

Broad-spectrum seed treatment fungicide for protection against seed and seed borne diseases.

Active Ingredients:

Fludioxonil: (CAS No. 131341-86-1).....	2.31%
Mefenoxam: (CAS No. 70630-17-0).....	3.46%
<hr/>	
Other Ingredients:	94.23%
Total:	100.00%

Contains 0.21 pounds active ingredient of fludioxonil and 0.31 pounds active ingredient of mefenoxam per gallon

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-
EPA Est.

Product of Switzerland
Formulated in the USA

SCP

Net Weight/Net Contents

ACCEPTED
with COMMENTS
In EPA Letter Dated:
JUL 29 2004

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

100-1195

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options follow the instructions for Category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves such as butyl rubber, nitrile rubber, or polyvinyl chloride
- Shoes plus socks

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.

Engineering Control Statements

When handlers use closed systems 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.
- 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 freshwater and estuarine/marine fish and aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate.

Groundwater Advisory Statement

Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Syngenta Crop Protection, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Syngenta and Seller harmless for any claims relating to such factors.

Syngenta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Syngenta, and Buyer and User assume the risk of any such use. **SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

In no event shall Syngenta or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Syngenta.

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, 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. Exception: If the seed is treated with the product and the treated seed 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
- Chemical resistant gloves such as butyl rubber, nitrile rubber, or polyvinyl chloride
- Shoes plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

TREATMENT OF HIGHLY MECHANICALLY DAMAGED SEED, OR SEED OF KNOWN LOW VIGOR AND POOR QUALITY, MAY RESULT IN REDUCED GERMINATION AND/OR REDUCTION OF SEED AND SEEDLING VIGOR. TREAT AND CONDUCT GERMINATION TEST ON A SMALL PORTION OF SEED BEFORE COMMITTING THE TOTAL SEED LOT TO A SELECTED CHEMICAL TREATMENT. DUE TO SEED QUALITY CONDITIONS BEYOND THE CONTROL OF SYNGENTA CROP PROTECTION, NO CLAIMS ARE MADE TO GUARANTEE GERMINATION OF CARRY-OVER SEED.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE

Store in original containers only in a cool, dry place. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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 of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Plastic Containers: Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or alternatives allowed by State and local authorities.

FOR BULK AND MINIBULK CONTAINERS

CONTAINER DISPOSAL: Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

CONTAINER PRECAUTIONS: Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices.

REFILL ONLY WITH ApronMAXX RFC. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than ApronMAXX RFC will result in contamination and may weaken container. After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

GENERAL INFORMATION

ApronMAXX RFC is a seed treatment fungicide that protects against damping-off and seed rots due to *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia* spp.; and early season *Phytophthora* root rot. ApronMAXX RFC also suppresses seed-borne *Sclerotinia* and *Phomopsis* spp. ApronMAXX RFC contains the active ingredient mefenoxam found in Apron XL that provides protection against *Pythium* and early season *Phytophthora* root rot. ApronMAXX RFC also contains the active ingredient fludioxonil found in Maxim that provides protection against the remaining diseases mentioned in this label.

GENERAL USE PRECAUTIONS

Resistance Management

Note: Mefenoxam is a systemic fungicide having a specific mode of action against fungal pathogens. Mefenoxam could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Syngenta cannot assume liability for crop damage resulting from insensitive strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible mefenoxam insensitive strains of fungi which may occur.

All applications should be made according to the use directions that follow. If a rate range is specified, use higher rates of ApronMAXX RFC when the disease pressure is expected to be high.

MIXING INSTRUCTIONS

ApronMAXX RFC is especially formulated for on-farm or commercial treatment to be used with liquid rhizobia products, using standard mechanical slurry or mist-type seed treatment equipment which accurately measures and mixes a flowable seed treatment. The equipment must provide uniform coverage of ApronMAXX RFC on the seed. Uneven seed coverage may not give the desired level of disease control. ApronMAXX RFC must be diluted with either water or liquid inoculants prior to application to soybeans. Consult the manufacturer of the application equipment you plan to use for

suitability for this application and for instructions on operation and calibration of the equipment. Do not mix ApronMAXX RFC fungicide with other pesticides unless sufficient compatibility, loading rates, and seed and crop safety factors are determined.

In a clean container large enough to contain the entire mixture add the desired amount of ApronMAXX RFC. Add half of the required water or liquid inoculant and mix thoroughly. Add the remaining amount of water or liquid inoculant and mix again. The slurry is ready for application to the soybeans. Mix as needed and do not store diluted mixture.

Specific Instructions for ApronMAXX RFC Ready-to-Mix

If Using Water as the Diluent:

Remove the cap from the 2.5 gallon ApronMAXX RFC Ready to Mix container which contains a premeasured net contents of 3 quarts. Add one gallon of water to the container, replace the cap, secure tightly, and shake to mix. Add an additional 3 quarts of water, replace the cap, secure tightly, and shake again. The slurry is now ready for use. It will treat 128 units of soybean (50 lb. bags).

If Using Approved Liquid Inoculants as the Diluent:

Remove the cap from the 2.5 gallon ApronMAXX RFC Ready-to-Mix container which contains a premeasured net contents of 3 quarts. Predetermine the amount of approved liquid inoculant that will be required for 128 units (50 lb. bags) of soybean. The amount of liquid inoculant added to the partially filled container should not exceed a total of 7 quarts, or 3.5 fl. oz. per 100 lbs. of seed. Add about half of the liquid inoculant, replace the cap, secure tightly, and shake to mix. Add the remaining amount of liquid inoculant, replace the cap, secure tightly, and shake to mix again. The slurry is now ready for use. It will treat 128 units of soybean (50 lb. bags).

Note: Use the entire contents once the container is opened. Do not store diluted mixture. Do not add other pesticides products to the mixture. Do not overfill.

Additional or continuous agitation or mixing of the slurry mixture may be necessary to prevent the ApronMAXX RFC from settling out of solution when using water or liquid inoculants.

ApronMAXX RFC has been found to be compatible with some liquid inoculant products. ApronMAXX RFC may be mixed or applied sequentially with approved liquid inoculants. Consult the maker of the liquid inoculants and a Syngenta Crop Protection representative for directions before applying ApronMAXX RFC with liquid inoculants.

Special Precaution: ApronMAXX RFC is specially formulated to be compatible with some liquid inoculants. **If water is used to further dilute ApronMAXX RFC when Rhizobia are present , use only nonchlorinated water. Chlorinated water will kill the live Rhizobia contained in the inoculant.**

Note: Federal law requires that bags of treated seeds shall be labeled with the following information. "This seed has been treated with fludioxonil and mefenoxam fungicides. Do not use for food, feed or oil purposes. Store away from food and feedstuffs."

CROP USE DIRECTIONS

Soybean

ApronMAXX RFC provides protection against damping-off and seed rots due to *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia* spp., and early season *Phytophthora* root rot. ApronMAXX RFC also suppresses seed-borne *Sclerotinia* and *Phomopsis* spp. For these soybean diseases, ApronMAXX RFC is applied at the rate of 1.5 fl. oz. per 100 lbs. of seed, plus water at 3.5 fl. oz. per 100 lbs. or approved liquid rhizobia inoculants at rates recommended by manufacturer to achieve proper total slurry volumes. The suggested ApronMAXX RFC rates will deliver 3.75 grams active ingredient of Apron XL (mefenoxam) and 2.5 grams active ingredient of Maxim (fludioxonil) per 100 kilograms of seed. If the target fields have a history of high *Phytophthora* pressure, then use 1.5 fl. oz. of ApronMAXX RFC with 0.16-0.48 fl. oz. of Apron XL per 100 lbs. of seed. Read and follow all label directions for Apron XL use.

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

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