

100-1149

7/30/2002

1/15



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Registration Programs
Environmental Protection Agency
401 Rm. Bldg. 100
Washington, D.C. 20460

FIFRA Reg. Number:

100-1149

Registration Date:

JUL 30 2002

Term of Issuance:

Conditional

Name of Pesticide Product:

CGA-329351 138 ES

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:

Revise the EPA Registration Number to read, "EPA Reg. No. 100-1149."
3. Submit one copy of the revised final printed label before releasing the product for shipment.

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
Product Manager (21)
Fungicide Branch, Registration Division

Date:

JUL 30 2002

2/15

CGA-329351 138ES

Fungicide

A seed treatment product for control of Pythium that causes seedling damping-off and seed rot in cotton

Active Ingredients:

Mefenoxam* (CAS No. 70630-17-0)	11.8%
Other Ingredients:	88.2%
Total:	100.0%

*Mefenoxam is the concentration of Mefenoxam Technical. The maximum concentration of related components is 0.4%.

EPA Est. xxxxxx
EPA Reg. No. 100-

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

1 pint	1 gallon	30 gallons	_____ gallons
U.S. Standard Measure	U.S. Standard Measure	U.S. Standard Measure	U.S. Standard Measure

SCP	1 gallon
SCP	1 pint
SCP	bulk booklet

Product of Switzerland
Formulated in the USA

[Z/LABELC-W]CGA-329351 138ES-A(CLEAN) - ccg - 5/6/02

ACCEPTED
with COMMENTS
In EPA Letter Dated:
JUL 30 2002

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

100-1149

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.
If in eyes	<ul style="list-style-type: none">• 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 eye.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• 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 by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOTLINE 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

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof materials such as polyvinyl chloride, nitrile rubber or butyl rubber
- 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.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Apply only as specified on this label. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

Groundwater Advisory

This chemical 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.

6/15

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, 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. Exception: If the seed is treated with the product and the 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 made of any waterproof material such as polyvinyl chloride, nitrile rubber, or butyl rubber
- 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.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry place. Store in an area designated for pesticides and away from food or feed. Store in original containers only. Keep container closed when not in use.

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 at the nearest EPA Regional Office for Guidance.

Container Disposal

Do not reuse empty container. Triple rinse (or equivalent), puncture and dispose of in a sanitary landfill or alternatives allowed by State and local authorities.

Container Refilling and Disposal (30 Gallons and Bulk)

Refer to label on container for refilling and disposal instructions.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.

GENERAL INFORMATION

CGA-329351 138ES is a systemic fungicide seed dressing specifically for control of systemic downy mildews and diseases caused by soil-borne *Pythium* and *Phytophthora* spp. When a rate range is specified, use higher rates of CGA-329351 138ES when the disease pressure is expected to be high.

For control of other soil-borne diseases, such as *Rhizoctonia* spp., CGA-329351 138ES should be applied in combination with other registered seed dressing fungicides.

9/15

Note: CGA-329351 138ES is a systemic fungicide having a specific mode of action. CGA-329351 138ES 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 CGA-329351 138ES insensitive strains of fungi which may occur.

CGA-329351 138ES may be applied as a water-based slurry with other registered seed treatment insecticides and fungicides through standard slurry- or mist-type commercial seed treatment equipment.

Mixing Instructions

Prepare no more mixture than is required for the immediate operation. Agitate the solution continuously during mixing and during application. Mechanical agitation is recommended for proper mixing of CGA-329351 138ES mixtures.

CGA-329351 138ES Alone: Add 1/4-1/2 of the required amount of water to the mix tank. With the agitator running, add the CGA-329351 138ES to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the CGA-329351 138ES has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

CGA-329351 138ES + Tank Mixtures: Add 1/4-1/2 of the required amount of water to the mix tank. Start the agitator before adding any tank mix partners. In general, tank mix partners should be added in this order: wettable powders, dry flowable formulations, liquid flowable formulations, liquids such as CGA-329351 138ES, and emulsifiable concentrates. Always allow each tank mix partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water and the CGA-329351 138ES to the mix tank. Allow the CGA-329351 138ES to completely disperse into the mix water. Maintain agitation until all of the mixture has been applied.

Note: When using CGA-329351 138ES in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank mix partner, including CGA-329351 138ES. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

If using CGA-329351 138ES in a tank mixture with other seed treatment products, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix partner label. No label dosage should be exceeded and the most restrictive label precautions and

10/15

limitations should be followed. This product should not be mixed with any product which prohibits such mixing.

Note: Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed has been treated with Mefenoxam fungicide. Do not use for feed, food, or oil purposes. Store away from feeds and foodstuffs." Use with an EPA-approved dye that imparts an unnatural color to the seed.

11/15

SEED TREATMENT - DOMESTIC USE

Cotton	For Pythium seed rot and damping-off control: Apply CGA-329351 138ES as a seed treatment to machine-delinted or acid-delinted cottonseed at the rate of 0.90-1.80 fl. oz./100 lbs. of seed.
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For non-emergency (e.g. current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

Product of Switzerland

Formulated in USA

SCP

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12/15

Container Label
(One Pint, One Gallon, 30 Gallon and Bulk)

CGA-329351 138ES

Fungicide

A seed treatment chemical for control of Pythium that causes seedling damping-off and seed rot in cotton

Active Ingredients:

Mefenoxam* (CAS No. 70630-17-0)	11.8%
Other Ingredients:	88.2%
Total:	100.0%

*Mefenoxam is the concentration of Mefenoxam Technical. The maximum concentration of related components is 0.4%.

EPA Reg. No. 100-

1 pint	1 gallon	30 gallons	_____ gallons
U.S. Standard Measure	U.S. Standard Measure	U.S. Standard Measure	U.S. Standard Measure

See directions for use in attached booklet.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements at end of label. (30 Gal., Bulk)

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

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.
If in eyes	<ul style="list-style-type: none"> • 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 eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • 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 by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOTLINE NUMBER	
<p>For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372</p>	

Environmental Hazards

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Apply only as specified on this label. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

Apply only as specified in this label. Dispose of excess treated seed by burial, away from bodies of water.

Groundwater Advisory

This chemical 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.

Container Disposal

Do not reuse empty container. Triple rinse (or equivalent), puncture and dispose of in a sanitary landfill or alternatives allowed by State and local authorities.

Container Refilling and Disposal (30 Gallon Refillable)

This is a refillable container. If the container is to be refilled, do not rinse with any material or introduce any pesticide other than CGA-329351 138ES. Reseal and return the container to an authorized Syngenta refilling facility. If the container is not to be refilled, triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or alternatives allowed by state and local authorities.

Container Disposal (Bulk)

Thoroughly clean container before reuse unless this is a Syngenta refillable container. If this is a Syngenta refillable container, and is to be refilled, do not rinse or introduce any pesticide other than CGA-329351 138ES. Reseal and return the container to an authorized Syngenta refilling facility. If the Syngenta container is not to be refilled, triple rinse (or equivalent), and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or alternatives allowed by state and local authorities.

To be used in accordance with directions for use in CGA-329351 138ES label booklet. See CGA-329351 138ES label booklet for pesticide disposal instructions. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.

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Greensboro, North Carolina 27409
www.syngenta-us.com

Product of Switzerland

Formulated in USA

SCP	1 gallon	
SCP	1 pint	
SCP	30 gallons	Product ID:
		Product ID:

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