

100-922

8-11-2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

100-922

AUG 11 2000

Term of Issuance:

Conditional

Name of Pesticide Product:

Actigard 50WG Plant Activator
(or Blockade 50WG Plant Activator)

NOTICE OF PESTICIDE:

XX Registration
____ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mr. Lee Hubbard
Novartis 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.

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)(C) provided that you:

1. Submit/cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Modify the labeling as follows:
 - a. Revise the EPA Registration Number to read, "EPA Reg No 100-922".

Continues on Page 2

Signature of Approving Official:

Daniel C. Kenny *(Signature)*
Acting Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Date:

AUG 11 2000

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- b. Under "General Information" section of the label, the expression non-pesticidal must be deleted. The statement should read as follows: "Actigard 50WG is a selective, systemic compound used for the control of downy mildew of cole crops and leafy vegetables, bacterial leaf spots of tomato, and blue mold of tobacco."
 - c. Under the "Environmental Hazards" section of the label, the following statement must be added: "This pesticide is toxic to fish and aquatic invertebrates." The statement must also be added to the back page of the booklet.
 - d. Under the "Precautionary Statements" section on the label, the following statements must be added at the beginning of the "Personal Protective Equipment" list: "Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart." In addition, the statement "Chemical-resistant gloves made of any waterproof material." must be revised to read as follows: "Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride."
3. Submit one copy of the revised final printed label for the record.
 4. The following studies must be submitted as a condition of the registration: Developmental neurotoxicity study in rats; Subchronic neurotoxicity study in rats; and, Mutagenicity study (Ames Assay) with technical-grade acibenzolar-S-methyl (prepared by a new "thiazole" production process). The studies must be submitted within two (2) years of receipt of this Notice.
 5. The following studies must be upgraded and submitted as a condition of registration: Soil photolysis study; Aerobic soil metabolism study; Aerobic aquatic metabolism study; and, one of two Batch equilibrium study. The studies must be submitted within one (1) year of receipt of this Notice.

If these conditions are not complied with, the registration will

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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. If you have any questions, then please contact María I. Rodríguez of my staff at 703-305-6710 or me at 703-305-7546.

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Actigard™ 50WG
PLANT ACTIVATOR

For protection against certain diseases of cole crops, leafy vegetables, tomato, and tobacco.

Active Ingredient:

1,2,3-benzothiadiazole-7-thiocarboxylic acid-S-methyl-ester

(CAS # 135158-54-2)*..... 50%

Other Ingredients:..... 50%

Total:..... 100%

*Acibenzolar-S-methyl (ISO proposed common name)

Actigard 50WG is a water-dispersible granule.

EPA Reg. 100-OEE

EPA Est.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use on outer container.

7.5 oz.

U.S. Standard Measure

0.5 oz

U.S. Standard Measure

NCP 801A-L1A 071800

ACCEPTED
with COMMENTS
In EPA Letter Dated:
AUG 11 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

100-922

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The **Directions for Use** of this product reflect the opinion of experts based on laboratory and field trials. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Novartis and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Novartis.



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, 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 12 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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks



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GENERAL INFORMATION

Actigard 50WG is a selective, non-pesticidal systemic compound used for the control of downy mildew of cole crops and leafy vegetables, bacterial leaf spots of tomato, and blue mold of tobacco. Actigard 50WG is an inducer of host plant resistance. Actigard 50WG exhibits an unique mode of action which mimics the natural systemic activated resistance (SAR) response found in most plant species. Actigard 50WG has no direct activity against target pathogens.

For best performance, always follow these directions:

- Actigard 50WG should be applied to plant foliage preventively, before disease is observed in the field.
- Actigard 50WG moves systemically within the plant; however uniform spray coverage is essential for best performance. Apply Actigard 50WG in sufficient water to ensure uniform coverage (see specific water volumes for each crop in directions for use tables).
- An Actigard application mimics the SAR response in plants. Maximum disease control is normally obtained 4 days after an Actigard application.

Actigard 50WG provides protection against certain diseases in the crops listed on this label. Actigard provides sufficient protection to reduce disease levels but should be tank-mixed with other registered products with curative activity if disease is present at the time of application, to ensure adequate disease control or to broaden the spectrum of disease control.

Resistance Management

Actigard 50WG exhibits a mode of action unique from currently available fungicides and bactericides. Since Actigard 50WG has no direct activity on plant pathogens, the likelihood of pathogen development of insensitivity is low. However, plant pathogens are known to develop tolerance to host plant resistance and to products used repeatedly for control. Because insensitivity development cannot be fully predicted, the use of this product should conform to sensitivity management strategies established for the crop and use area. Such strategies may include rotating and/or tank-mixing with products with different modes of action as well as the use of good cultural practices. Consult your local pest control advisor or extension office for details. If insensitivity to this product develops in your area, this product or other products with a similar mode of action may not provide adequate control. If you experience difficulty with control, and insensitivity is a likely cause, consult your local Novartis Crop Protection representative, local agricultural extension office, or pest control advisor for the best alternative method of control. Novartis encourages responsible product stewardship to ensure effective long-term disease control.

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

Spray Equipment

Thorough coverage is necessary to provide maximum disease control. Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control.

To avoid spray drift, do not apply when conditions favor drift beyond the target area. Avoid spray overlap, as crop injury or illegal residues may occur.

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Always calibrate sprayer before use.

Use a pump with capacity to: (1) maintain adequate psi at nozzles, and (2) provide sufficient agitation in the tank to keep mixture in uniform suspension - this requires recirculation of 10% of tank volume per minute. Use a jet agitator or liquid sparge tube for agitation. Do not air sparge.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of pump should be **16-mesh or coarser**. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at nozzles. Check nozzle manufacturer's recommendations.

For more information on spray equipment and calibration, consult sprayer equipment manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural extension service recommendations.

Mixing Procedures

Prepare no more spray mixture than is needed for the immediate spray operation. Thoroughly clean spray equipment before using this product to prevent possible crop injury, mixing or nozzle clogging problems from spray tank contamination. Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Actigard 50WG Alone: Add 1/2 of the required amount of water to the mix tank. With the agitator running, add the Actigard 50WG to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the Actigard 50WG has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Actigard 50WG + Tank Mixtures: Actigard 50WG is compatible with most insecticide and fungicide products. However, the physical compatibility of Actigard 50WG with tank-mix partners should be tested before use. To determine the physical compatibility of Actigard 50WG with other products, use a jar test described below.

Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add

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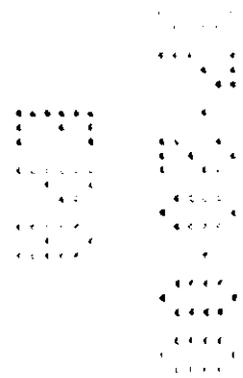
wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be re-mixed readily, it is physically compatible. Once compatibility has been demonstrated, use the same procedure for adding required ingredients to the spray tank.

Add 1/2 of the required amount of water to the mix tank. Start the agitator running before adding any tank mix partners. In general tank mix partners should be added in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables) such as Actigard 50WG, liquid flowables, liquids 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. Maintain agitation until all the mixture has been applied.

Note: When using Actigard 50WG in tank mixtures, all products in water-soluble packaging, including Actigard 50WG, should be added to the tank before any other tank mix partner, including Actigard 50WG. 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 Actigard 50WG in a tank mixture, observe all directions for use, which appear on the tank mix product label. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

Chemigation: Do not apply this product through any type of irrigation system.



RECOMMENDED FOLIAR APPLICATIONS

COLE CROPS

CROP	PEST	RATE PER APPLICATION	REMARKS
Cole (brassica) crops	Downy Mildew	Foliar application: 1 oz/A	Apply preventively. Make up to four applications on a 7 day schedule. Begin applications 7-10 days after thinning.
<p>Notes: Apply in sufficient water to ensure adequate coverage using a minimum of ___ gallons of water per acre. If downy mildew is present in the production area, the first application should be made in tank-mixture with another registered downy mildew fungicide; once activated, the supplemental applications of Actigard should be applied alone.</p> <p>Allow 7 days between the last application and harvest. Do not make more than 4 applications per crop per year. Do not apply more than 4 ounces of Actigard per acre per season.</p>			

FRUITING VEGETABLES

CROP	PEST	RATE PER APPLICATION	REMARKS												
Tomato	Bacterial Spot Bacterial Speck	Foliar application: 1/3 – 3/4 oz/acre	Begin applications within one week of transplanting or emergence; apply with ground equipment only. Make up to 6 weekly, sequential applications. 3/4 oz per 100 gallons of water (minimum of 1/3 oz./acre in early season and maximum of 3/4 oz/acre by end of season). See table below.												
<p>Notes: Begin season with low water volumes; as plant canopy increases, the Actigard rate should increase to ensure activity. The table below provides guidance on increasing the rate through the season (a dilute carrier volume of 100 gallons of water per acre is assumed for fully grown tomato plants).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Amount of Actigard (oz/A)</th> <th style="text-align: left;">Gal/A</th> <th style="text-align: left;">Weeks following transplanting</th> </tr> </thead> <tbody> <tr> <td>1/3</td> <td>30-50</td> <td>0-2</td> </tr> <tr> <td>1/2</td> <td>60-70</td> <td>3-4</td> </tr> <tr> <td>3/4</td> <td>70-100</td> <td>5-8</td> </tr> </tbody> </table> <p>Notes: 1) Use the higher rate over time, even if volume does not increase. If gallonage at any particular application is higher than in this example, increase Actigard accordingly, i.e., keep the concentration the same but do not exceed 3/4 oz/100 gallons concentration. 2) Allow 14 days between the last application and harvest. 3) Do not apply more than 6 times per crop per season. 4) Do not apply on less than 7 day interval. 5) Do not apply more than 4 ounces of Actigard per acre per season</p> <p>Precaution: Under certain conditions, this product, when used on tomatoes, may lead to reductions in yield. Novartis recommends that the user and/or grower test this product in order to determine its suitability for its intended use in tomatoes. Novartis makes this product available to the user and/or grower solely to the extent that the benefit and utility, in the sole opinion of the user and/or grower, outweigh the extent of potential reductions in yield of tomatoes following use of Actigard. The decision to use or not use Actigard in tomatoes must be made by each individual user and/or grower on the basis of possible reductions in yield, the severity of disease incidence, the cost of alternate disease control options, if any, and other factors.</p>				Amount of Actigard (oz/A)	Gal/A	Weeks following transplanting	1/3	30-50	0-2	1/2	60-70	3-4	3/4	70-100	5-8
Amount of Actigard (oz/A)	Gal/A	Weeks following transplanting													
1/3	30-50	0-2													
1/2	60-70	3-4													
3/4	70-100	5-8													

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CROP	PEST	RATE PER APPLICATION	REMARKS												
Fruiting vegetables (excluding tomatoes)	Bacterial Spot Bacterial Speck	Foliar application: ½ - ¾ oz./acre	Begin applications within one week of transplanting or emergence; apply with ground equipment only. Make up to 6 weekly, sequential applications.												
<p>Notes: Begin season with low water volumes; as plant canopy increases, the Actigard rate should increase to ensure activity. The table below provides guidance on increasing the rate through the season (a dilute carrier volume of 100 gallons of water per acre is assumed for fully grown tomato plants).</p> <table border="1"> <thead> <tr> <th>Amount of Actigard (oz/A)</th> <th>Gal/A</th> <th>Weeks following transplanting</th> </tr> </thead> <tbody> <tr> <td>1/3</td> <td>30-50</td> <td>0-2</td> </tr> <tr> <td>1/2</td> <td>60-70</td> <td>3-4</td> </tr> <tr> <td>3/4</td> <td>70-100</td> <td>5-8</td> </tr> </tbody> </table> <p>Notes: 1) Use the higher rate over time, even if volume does not increase. If gallonage at any particular application is higher than in this example, increase Actigard accordingly, i.e., keep the concentration the same but do not exceed ¾ oz/100 gallons concentration. 2) Allow 14 days between the last application and harvest. 3) Do not apply more than 6 times per crop per season. 4) Do not apply on less than 7 day interval.</p>				Amount of Actigard (oz/A)	Gal/A	Weeks following transplanting	1/3	30-50	0-2	1/2	60-70	3-4	3/4	70-100	5-8
Amount of Actigard (oz/A)	Gal/A	Weeks following transplanting													
1/3	30-50	0-2													
1/2	60-70	3-4													
3/4	70-100	5-8													

LEAFY VEGETABLES

CROP	PEST	RATE PER APPLICATION	REMARKS
Head Lettuce	Downy Mildew	Foliar application: ¾ - 1 oz/Acre	Apply preventively on a 7-10 day schedule. Begin applications after thinning. Do not make more than 4 applications per crop.
<p>Apply in sufficient water to ensure adequate coverage using a minimum of __ gallons of water per acre. If downy mildew is present in the production area, the first application should be made in tank-mixture with another registered downy mildew fungicide; once activated, the supplemental applications of Actigard should be applied alone. Banded applications can be made early when plants are small (7" proportional band) as long as coverage is adequate.</p> <p>Notes: 1) Do not apply prior to thinning or within 5 days of transplanting. 2) Do not apply Actigard to plants that are stressed due to drought, excessive moisture, cold weather, or herbicide injury, etc. 3) Allow 7 days between the last application and harvest. 4) Do not apply by air.</p> <p>For use in California only, in the following counties: Santa Clara, Monterey, San Luis Obispo, Santa Barbara, Ventura, Los Angeles, San Diego, Santa Cruz, San Benito, San Mateo.</p>			

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CROP	PEST	RATE PER APPLICATION	REMARKS
Romaine Lettuce (green types only)	Downy Mildew	Foliar application: ¾ - 1 oz/ Acre	Apply preventively on a 7-10 day schedule. Begin applications after thinning. Do not make more than 2 applications per crop.
<p>Apply in sufficient water to ensure adequate coverage using a minimum of __ gallons of water per acre. If downy mildew is present in the production area, the first application should be made in tank-mixture with another registered downy mildew fungicide; once activated, the supplemental applications of Actigard should be applied alone.. Banded applications can be made early when plants are small (7" proportional band) as long as coverage is adequate.</p> <p>Notes: 1) Do not apply prior to thinning or within 5 days of transplanting. 2) Do not apply Actigard to plants that are stressed due to drought, excessive moisture, cold weather, or herbicide injury, etc. 3) Allow 7 days between the last application and harvest. 4) Do not apply by air.</p> <p>For use in California only, in the following counties: Santa Clara, Monterey, San Luis Obispo, Santa Barbara, Ventura, Los Angeles, San Diego, Santa Cruz, San Benito, San Mateo.</p>			

CROP	PEST	RATE PER APPLICATION	REMARKS
Spinach	Downy Mildew White Rust	Foliar application: ¾ oz/A Acre	Apply preventively on a 7-10 day schedule. Begin applications at first to second true leaf or after thinning. Do not make more than 3 consecutive applications per crop.
<p>Apply in sufficient water to ensure adequate coverage using a minimum of __ gallons of water per acre. Banded applications can be made early when plants are small (proportional band) as long as coverage is adequate. Actigard may be used following the at-planting Ridomil Gold EC or GR application for control of downy mildew or white rust.</p> <p>Notes: 1) Do not apply Actigard to young seedlings. 2) Do not apply Actigard to plants that are stressed due to drought, excessive moisture, cold weather, or herbicide injury, etc. 3) Allow 7 days between the last application and harvest 4) Do not apply by air.</p> <p>For use in California and Texas only, in the following counties: CA: Santa Clara, Monterey, San Luis Obispo, Santa Barbara, Ventura, Los Angeles, San Diego, Santa Cruz, San Benito, San Mateo. TX: Atascosa, Dimmitt, Frio, Kinney, LaSalle, Medina, Uvalde, Zavala, Maverick, Hidalgo, Cameron, Willacy, Starr, Webb, Zapata.</p>			

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TOBACCO

CROP	PEST	RATE PER APPLICATION	REMARKS
Tobacco (Flue-cured, Burley, Dark only)	Blue Mold	Foliar application: ½ oz/ Acre	Begin applications after plants reach a height of 18 inches. Apply on a preventive schedule when blue mold threatens. Another registered blue mold product should be used prior to 18 inches for early season control and after the final application if conditions are conducive for disease. Make up to 2 applications on a 10 day schedule.
<p>Apply in a minimum of 20 gallons of water per acre</p> <p>Applications of Actigard may result in leaf yellowing. This cosmetic yellowing normally disappears after the final application</p> <p>Notes: 1) Do not apply Actigard to plants that are stressed due to drought, excessive moisture, cold weather, or herbicide injury, etc. 2) Do not apply Actigard to tobacco in plant beds or in greenhouses/plant houses. 3) Do not apply Actigard with foliar fertilizers and crop oils. 4) Avoid spray overlap because injury may result. 5) Do not apply by air. 6) Do not apply more than 1 ounce of Actigard per acre per season.</p> <p>Allow 21 days between the last application and harvest.</p>			

Rotational (Plantback) Restriction

Do not plant any crop within 30 days after the last application of Actigard 50WG, except for the crops listed below.

- Tobacco,
- leafy vegetables including cole (brassica) crops,
- and fruiting vegetables.

Storage and Disposal

Store in a cool, dry place.

Pesticide Disposal

Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal

Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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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, procedures and disposal of wastes. In the event of a major spill, fire, or other emergency call 1-800-888-8372, day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

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

First Aid Statements

- If in eyes:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes
 - Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.
- 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.

Note to Physician:

If ingested induce emesis or lavage stomach. Treat symptomatically.

Hotline

In the event of a major spill, fire, or other emergency call 1-800-888-8372, day or night.

Personal Protection Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Engineering Control Statements

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.

Environmental Hazards

Do not apply 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 cleaning equipment or disposing of equipment washwaters.

Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

Actigard™ trademark of Novartis
U.S. Patent No. _____

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Novartis Crop Protection, Inc.
Greensboro, North Carolina 27419
NCP Product ID.

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Actigard™ 50WG
PLANT ACTIVATOR

For protection against certain diseases of cole crops, leafy vegetables, tomato, and tobacco.

Active Ingredient:	
1,2,3-benzothiadiazole-7-thiocarboxylic acid-S-methyl-ester (CAS # 135158-54-2)*.....	50%
Other Ingredients:	50%
Total:	100%

*Acibenzolar-S-methyl (ISO proposed common name)

Actigard 50WG is a water-dispersible granule.

See directions for use in attached booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-

EPA Est.

Actigard™ trademark of Novartis
U.S. Patent No. 5,153,200

7.5 oz.
U.S. Standard Measure

0.5 oz
U.S. Standard Measure

NCP 801A-L1A 071800

KEEP OUT OF REACH OF CHILDREN

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

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skin, or clothing. Wash thoroughly with soap and water after handling.

First Aid Statements

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Hotline

In the event of a major spill, fire, or other emergency call 1-800-888-8372, day or night.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

For minor spills, leaks, etc., follow precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Storage

Store in a cool, dry place.

Chemigation

Do not apply this product through any time of irrigation system.

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Greensboro, North Carolina 27419