



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

92942-1

Date of Issuance:

10/31/2018

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Actimin-FE

Name and Address of Registrant (include ZIP Code):

Active Minerals International LLC  
 34 Loveton Circle, Suite 100  
 Sparks, MD 21152

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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). You must comply with the following conditions:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

10/31/2018

2. The Agency is considering data requirements to facilitate the assessment of risks posed by impurities contained in this product. You must submit and/or cite all data required for your product under FIFRA when the Agency requires all registrants of similar products to submit such data. For more information on these potential data requirements, you may contact the BPPD
3. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.
4. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 92942-1."
5. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, the EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 10/31/2018

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OPP Decision No. 530197

If you have any questions, please contact Alex Horansky of my team by phone at (703) 347-0128 or via email at [Horansky.alex@epa.gov](mailto:Horansky.alex@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with a long horizontal stroke at the end.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

# Actimin - FE

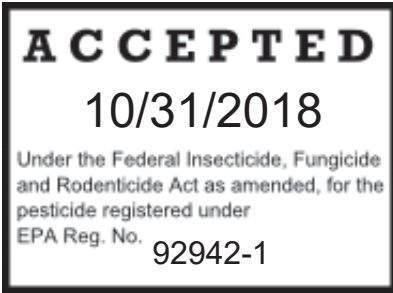
Actimin - FE Crop Protectant Forms a Barrier Film,  
Which Acts as a Broad Spectrum Agricultural Crop Protectant for Controlling Damage  
From Listed Insects, Mite, and Disease Pests. Growth Enhancer. Protectant Against  
Sunburn and Heat Stress

Active Ingredient:

Kaolin: ..... 100.0%

Other Ingredients: ..... 0.0%

TOTAL: ..... 100.0%



**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

### First Aid

#### If in Eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after 15 minutes then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information on Actimin – FE call the National Pesticide Information Center at 1-800-222-2222.

Manufactured by:  
Active Minerals International, LLC  
34 Loveton Circle, Suite 100  
Sparks, MD 21152  
(+1-410-825-2920)

EPA Reg. No. 92942-      EPA Est. No 92942-GA-1

Net Weight: \_\_\_\_\_

Lot: \_\_\_\_\_ {Lot number will appear on bag}

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. May cause irritation to the respiratory system. Avoid breathing dust or mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

For Terrestrial Use - 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 wash water or rinsate.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators, pickers, and other handlers must wear:

Long sleeved shirt, long pants, socks and shoes, and a dust/mist-filtering respirator (MSHA NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N.R.P. or HE filter. 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. Use dust mask during harvesting.

**USER SAFETY RECOMMENDATIONS**

User should remove clothing PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing  
User should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

### AGRICULTURAL USE REQUIREMENTS

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. 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 specific instructions and exceptions pertaining to the statements on this label about personal protective equipment. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. The restricted-entry interval (REI) is 4 hours, do not allow worker entry into treated areas during the restricted-entry interval (REI). Personal protection equipment required for early entry workers are dust/mist-filtering respirator, long-sleeved shirt, long pants, waterproof gloves and shoes plus socks.

## I. GENERAL INFORMATION

Actimin - FE forms a mineral-based particle film intended for protection of agricultural crops. When Actimin - FE is applied to plants, a dry white film results. The Actimin - FE barrier will help reduce the damage to plants and crops caused by listed insects, mites, disease, and environmental stresses caused by sunburn and heat stress. This product may be used as the primary component in a pest management system that utilizes supplementary compatible pesticides.

Do not exceed 100 pounds of Actimin – FE per acre.

### Plant Response Precautions:

Lack of adhesion or film formation on foliage or fruit may indicate spray incompatibility with the plant surface or previously applied materials.

Ensure that plant leaf and fruit surfaces are dry before applying or poor adhesion or film formation will occur.

Do not spray where a visible white film is undesirable or cannot be washed off.

**a. Mix Instructions:**

**For Agitating Sprayer Tanks**

**For Concentrate Application** - Use 50 lbs. of this product per 100 gallons of water.

**For Dilute Application** - Use 50 lbs. of this product per 200 gallons of water.

The following mixing sequence must be followed:

1. Slowly add this product powder into the water in a recirculating sprayer tank. Add directly into the mix basket. If there is no mix basket, add powder very slowly to the recirculating water.
2. Mix thoroughly.
3. Add Spreader/Sticker if desired.
4. Add tank mix pesticides, if any.
5. Continue agitation until all the material is sprayed from the tank.
6. At the end of the application, spray until empty and flush system and nozzles with fresh water. Properly dispose of rinse water.

**For Non-Agitating Sprayer Tanks, Such as Backpack Sprayers**

The following mixing sequence must be followed:

1. Use Actimin - FE powder at a rate of ½ lb. of powder per one gallon of water.
2. While stirring or swirling, slowly add Actimin - FE powder into ¼ to ½ of the water that will be used in the batch.
3. Add Spreader/Sticker if desired.
4. Mix thoroughly by shaking the closed container vigorously for 30 seconds.
5. Add tank mix pesticides, if any.
6. Add the remainder of the batch water and shake for an additional 30 seconds.
7. Shake the sprayer occasionally during application
8. At the end of the application, spray until empty and flush system and nozzles with fresh water. Properly dispose of rinse water.

**b. Compatibility:**

Actimin - FE is not generally affected by most other insecticides, miticides. and fungicides. However, the user should test tank mixes before use. When mixing with other products, make up a small batch and observe slurry and film characteristics. Curdling, precipitation, lack of film formation, or changes in viscosity are signs of incompatibility.

**Always add tank mix pesticides after the powder and spreader/sticker have been added.**

Do not use with anti-foaming agents.

**c. General Application Guidelines (see, also, specific crop use instructions):**

**Coverage:** Use sufficient spray volume to obtain thorough coverage. For optimal performance, applications must coat all portions of plant that are to be protected, including both sides of the leaves. Applications can be made with any commercial air blast or high-pressure sprayer that provides enough air turbulence to coat both sides of the leaves, bark, and fruit. Tractor speed must not exceed 3 mph.

**Plant Color Change:** All plant surfaces must turn a hazy white color after drying. Additional treatments will turn the plant surfaces a deeper white. This is normal, and is indicative of appropriate film formation. Generally, two or more coatings are required for complete coverage and for establishment of the foundation of the protective barrier.

**Foliage Dryness:** Apply only to dry foliage. Do not apply to wet foliage or poor coverage and adhesion will result.

**Droplet Size:** Use nozzles that produce a fine spray when Actimin - FE is used under normal temperature and humidity conditions. Under very hot and dry conditions, nozzles that produce a coarser spray and larger volumes may be necessary to prevent evaporation and to prevent drying. If this product evaporates or dries before it contacts the foliage poor film formation will result.

**Spray Methods:** Air blast or high-pressure sprayers are required. Observe specific crop label instructions for directions regarding spray volume. Calibrate spray equipment per equipment manufacturer to deliver the required volume. The flow rate of this product like water. Use strainers in the spray system and behind each nozzle per normal practice.

**Reapplication - When the dry foliage has lost its white appearance, reapplication is necessary.** Heavy rainfall, new growth, and wind erosion will affect film quality. Reapply to re-establish coverage after heavy rain as soon as the foliage is dry.

**Overhead Irrigation Considerations:** Overhead irrigation will wash off the film and reduced efficacy will result. Overhead irrigation is not preferred, but, if used, should be used just prior to the next application of Actimin – FE to prevent premature wash-off. Do not apply this product through sprinkler irrigation systems or by air.

**d. General Insect and Mite Control:**

Actimin - FE is a protectant/repellent that forms a film barrier to insects and mites. **For optimum performance, begin application before an insect or mite outbreak occurs; thorough coverage must be in place before the pest outbreak. Thorough, uniform, and consistent coverage is essential for effective control.**



**e. Growth Enhancer, Sunburn and Heat Stress Protectant:**

When applied at recommended rates and frequencies, benefits such as increased plant vigor and improved yields may occur on treated fruit and nut trees. Under high ambient temperatures, this product reduces canopy temperature and, therefore, can help to reduce heat and water stress. When Actimin - FE is used, many pome and stone fruit varieties can show improved fruit color, smoothness, and size with less russet, sunburn, and cracking.

**For sunburn reduction, apply before conditions leading to sunburn occur. Apply concentrate spray at least every 7-14 days to ensure complete coverage of fruit surfaces. Under windy conditions, particle film may be rubbed off by leaf movement making reapplication necessary.**

**If initiating sprays for sunburn reduction where there have been no prior sprays, thorough coverage of all fruit surfaces must be in place just prior to sunburn-causing conditions. To achieve optimal coverage, it is necessary to start the spray program with either two concentrate applications 5-7 days apart, or, one application with twice the concentrate use rate of per acre (for example, for nominal 12' trees, 100 lbs. per acre in 200 gallons of water).**

**f. Packing and Processing:**

Washing is required unless films weather off before harvest. Most residues wash off with packing line brushing and forced water sprays: An approved washing detergent may be used in the packing line and/or wash tank. A pre-harvest washing trial is recommended to determine if a washing detergent is necessary. Waxing further improves fruit appearance.

## II. TREE FRUIT AND NUT CROPS

Apply sufficient spray volume to obtain thorough coverage.

Do Not Exceed 100 pounds of Actimin – FE per acre.

**The plant surface must turn a hazy white color after drying.** Additional treatments will turn the plant surface a deeper white. This is normal, and is indicative of appropriate film formation.

**Generally, two or more coatings are required for complete coverage and for establishment of the foundation of the protective barrier.**

Maintain film coverage to maximize potential solar protectant benefits. If rainy weather reduces coverage on leaves and fruit, reapply to re-establish coverage.

### Estimate\* rates based on the table below:

#### Concentrate Application

<u>Approx. Tree Height (ft)</u>	<u>Gallons of Mix per Acre</u>	<u>Lbs. of product per Acre</u>
6	50	25
12	100	50
18	150	75
24	200	100

#### Dilute Application\*\*

<u>Approx. Tree Height (ft)</u>	<u>Gallons of Mix per Acre</u>	<u>Lbs. of product per Acre</u>
6	100	25
12	200	50
18	300	75
24	400	100

\* Estimate rates are based on tree height only. Tree spacing, pruning practices, time of season, and cultivar type affect spray rates. High density or low-density foliage will require correspondingly higher or lower rates. A visual inspection of film deposition and completeness of coverage is crucial for fine-tuning spray amounts.

\*\* Apply to near-drip. Do not apply to excessive drip.

Continue applications up to 10 days prior to harvest to maximize Actimin - FE horticultural benefits.

Fungicides, insecticides, miticides, and bactericides may be tank mixed or over-sprayed according to their product label use instructions. If tank mixing pesticides, follow the pre-harvest interval of those pesticides but in no cases, apply tank mixes within 10 days prior to harvest.

**For heat stress relief or sunburn reduction for tree fruit and nut crops**

Apply at 7 to 14-day intervals starting when temperatures are anticipated to reach 90°F or higher or when heat stress and sunburn are known to occur. Do not spray during bloom. Resume treatments within three days of first petal fall. Application intervals may be widened to 14 to 21 days as new growth slows or when dry periods occur, being sure to maintain good film coverage to maximize potential benefits of Actimin - FE.

**Washing is recommended; most residues wash off with brushing and forced water sprays. An approved fruit cleaning detergent may be used in the packing line and/or wash tank. A pre-harvest washing trial is recommended to determine if a detergent is necessary. Waxing further improves fruit appearance.**

## Pears

### For pear psylla control:

- Dilute applications are recommended. Adjust volume per tree height to ensure thorough coverage without excessive drip.
- Apply every 7 -14 days from green cluster bud through popcorn. A spray at popcorn is recommended to cover the bloom period. Resume Actimin – FE application within three days of first petal fall, following a 10 to 14-day spray schedule under normal non-rainy conditions. Reapplication following heavy rainfall may be necessary.
- Application intervals may be widened to 14 to 21 days as new growth slows or when dry periods occur.

### **For suppression of two-spotted spider mite, European red mite, pear rust mite, mealy bug, thrips, leafhoppers, green fruit worm, codling moth, California pear slug, Lygus bugs, obliquebanded leafroller, pandemus leafroller, tarnished plant bug, stink bugs, and fabraea leaf spot:**

Spray per recommendations for psylla control or spray before expected infestation and continue at 7 to 14-day intervals. Do not widen spray intervals beyond 14 days to achieve season-long suppression. Do not spray during bloom. Resume treatments within three days of first petal fall. Supplemental pest control methods may be needed for full control especially for codling moth.

Continue applications to maximize Actimin – FE horticultural benefits.

Fungicides, insecticides, miticides, and bactericides may be tank mixed, if compatible, or oversprayed according to their product label use instructions. If tank mixing pesticides, follow the pre-harvest interval of those pesticides but in no case apply tank mixes within 10 days prior to harvest.

## Apples

### For control of over-wintering obliquebanded leafroller

- Apply two sprays 7 days apart from delayed dormant to pink.

### For control of leafhoppers

- Apply every 7 to 14 days starting within three days of first petal fall.

### For suppression of European red mite, apple rust mite, two-spotted mite, codling moth, plum curculio, leafminers, apple sucker, Lygus bugs, pandemus leafroller, tarnished plant bug, stink bugs, apple maggot, thrips, green fruitworms, and aphids:

- Apply at 7 to 14-day intervals starting at delayed dormant. Do not spray during bloom. Resume treatments within three days of first petal fall applying at 7 to 14-day intervals. Application intervals may be widened to 14 to 21 days as new growth slows or when dry periods occur. Be sure to maintain a good film coverage to maximize potential benefits of Actimin – FE. Supplemental pest control methods may be needed for full control; especially for codling moth.

Actimin – FE may improve fruit quality if applications resume at initial petal fall and are continued up until 10 days prior to harvest. When applied at recommended rates and frequencies, benefits such as increased plant vigor and improved yields may occur in certain apple cultivars. Under high ambient temperatures, Actimin – FE reduces canopy temperature and, therefore, can help to reduce heat and water stress. Many apple cultivars have shown improved fruit color, smoothness, and size with less russet, sunburn and cracking when Actimin – FE is used.

**For sunburn reduction, apply before conditions leading to sunburn occur. Apply concentrate spray at least every 7-14 days to ensure complete coverage of fruit surfaces. Under windy conditions, particle film may be rubbed off by leaf movement making reapplication necessary.**

If initiating sprays for sunburn reduction where there have been no prior sprays, thorough coverage of all fruit surfaces must be in place just prior to sunburn-causing conditions. To achieve optimal coverage, it is necessary to start the spray program with either two concentrate applications 5-7 days apart, or, one application with twice the concentrate use rate of per acre (for example, for nominal 12' trees, 100 lbs. per acre in 200 gallons of water).

Fungicides, insecticides, miticides, and bactericides may be tank mixed, if compatible, or oversprayed according to their product label use instructions. If tank mixing pesticides, follow the pre-harvest interval of those pesticides but in no cases apply tank mixes within 10 days prior to harvest.

## **Stone Fruit - Apricots, cherries, nectarines, peaches, plums, and prunes**

### **For control of Japanese beetle**

- Apply one week prior to the expected infestation period and follow with three to four additional applications at 7 to 14-day intervals.

### **For suppression of European red mite, two-spotted spider mite, peach silver mite, thrips, stink bugs, oriental fruit moth, tarnished plant bug, European earwig, June beetle, peach twig borer, naval orange worm, and plum curculio**

- Apply at 7 to 14-day intervals starting at bud swell and ending at pink. Do not spray during bloom. Resume treatments within three days of first petal fall. Application timing may be widened when new growth slows or when dry period occur. Be sure to maintain good film coverage to maximize potential benefits of Actimin – FE. Supplemental pest control methods may be needed for full control.

Continue applications to maximize Actimin – FE horticultural benefits.

Fungicides, insecticides, miticides, and bactericides may be tank mixed if compatible or oversprayed according to their product label use instructions. If tank mixing pesticides, follow the pre-harvest interval of those pesticides but in no cases apply tank mixes within 10 days prior to harvest.

**Special Washing Considerations for Stone Fruit: Washing is required; especially for fuzzy peaches. Most residues wash off with brushing and forced water sprays. An approved fruit cleaning detergent may be used in the packing line and/or wash tank. Prior to brushing, a pre-soak in approved fruit cleaning detergent is usually needed for fuzzy peaches. A pre-harvest washing trial is recommended to determine if a detergent is necessary. Waxing further improves fruit appearance.**

## **Citrus Fruits - Lemons, Limes, Grapefruit, and Oranges**

### **For suppression of thrips and mites**

- Apply at 7 to 14-day intervals starting within three days of first petal fall. Application timing may be widened during dry periods to once every 14 to 21 days, being sure to maintain good film coverage to maximize potential benefits of Actimin – FE. Supplemental pest control methods may be needed for full control.

Continue applications to maximize Actimin – FE horticultural benefits.

Fungicides, insecticides, miticides, and bactericides may be tank mixed, if compatible, or oversprayed according to their product label use instructions. If tank mixing pesticides, follow the pre-harvest interval of those pesticides but in no cases apply tank mixes within 10 days prior to harvest.

## **Nut Trees - Walnuts, Pecans, and Almonds**

### **For suppression of mites**

- Apply at 7 to 14-day intervals starting after nut set. Application timing may be widened during dry period, to once every 14 to 21 days, being sure to maintain good film coverage to maximize potential benefits of Actimin – FE. Supplemental pest control methods may be needed for full control.

Continue applications to maximize Actimin – FE horticultural benefits.

Fungicides, insecticides, miticides, and bactericides may be tank mixed or over-sprayed according to their product label use instructions. If tank mixing pesticides, follow the pre-harvest interval of those pesticides but in no case apply tank mixes within 10 days prior to harvest.

### **III. SMALL FRUIT CROPS**

Apply sufficient spray volume to obtain thorough coverage.

**Apply only to fruits to be used for processing.**

**Application of plain water via normal sprayer prior to harvest may help to reduce Actimin - FE residues. This may be particularly helpful for wine grapes.**

Continue applications to maximize Actimin - FE horticultural benefits.

Fungicides, insecticides, miticides, and bactericides may be tank mixed, if compatible, or oversprayed according to their product label use instructions. If tank mixing pesticides, follow the pre-harvest interval of those pesticides but in no cases apply tank mixes within 10 days prior to harvest.

#### **Blackberries, Raspberries, Dewberries, Boysenberries, Loganberries, and Blueberries**

**For suppression of blackberry psyllid, European raspberry aphid, Japanese beetle, leafhoppers, thrips, two-spotted spider mite, and European red mite**

- Apply 12.5 to 37.5 lbs. per acre at 7 to 14-day intervals starting after fruit set. Application timing may be widened during dry periods to once every 14 to 21 days, being sure to maintain good film coverage to maximize potential benefits of Actimin - FE. Supplemental pest control methods may be needed for full control.

#### **Wine Grapes**

**For suppression of European red mite, two-spotted spider mite, omnivorous leafroller, grape leafroller, grape leaf skeletonizer, leafhoppers, Japanese beetle, June beetle, and thrips**

- Apply at 12.5 to 37.5 lbs. per acre at 7 to 14 day intervals starting after fruit set. Application timing may be widened during dry periods to once every 14 to 21 days, being sure to maintain good film coverage to maximize potential benefits of Actimin - FE. Supplemental pest control methods may be needed for full control.



#### **IV. FIELD AND VEGETABLE CROPS**

Apply sufficient spray volume to obtain thorough coverage.

Fungicides, insecticides, miticides, and bactericides may be tank mixed, if compatible, or oversprayed according to their product label use instructions. If tank mixing pesticides, follow the pre-harvest interval of those pesticides but in no cases apply tank mixes within 10 days prior to harvest.

While the pre-harvest interval is 10 days, for difficult to wash or unwashed crops, especially in low rainfall areas, it is recommended to stop spraying 30 days prior to harvest or when fruit are small. For crops where the produce is not directly sprayed by Actimin - FE (e.g. potato, shelled beans, and radishes). Actimin - FE may be applied up to the day of harvest. Cotton may be sprayed until 10 days before harvest.

**Washing is recommended; most residues wash off with brushing and forced water sprays; an approved detergent may be used in the packing line and/or wash tank. A pre-harvest washing trial is recommended to determine if a detergent is necessary.**

#### **For heat stress relief or sunburn reduction of field and vegetable crops**

- Apply at 7 to 14-day intervals starting when heat stress or sunburn is known to occur. Application timing may be widened to 14 to 21 days as new growth slows or when dry periods occur, being sure to maintain good film coverage to maximize potential benefits of Actimin - FE.

#### **Beans**

**For suppression of alfalfa looper, aphids, Fall armyworm, flea beetle, Mexican bean beetle, European red mites, Japanese beetle, leafhoppers, Lygus bug, stink bugs, tarnished plant bug, three cornered alfalfa hopper, thrips, two-spotted spider mite, velvetbean caterpillar**

- Apply 6.25 to 12.5 lbs. per acre at 7 to 14-day intervals starting after fruit set. Application timing may be widened during dry periods to once every 14 to 21 days, being sure to maintain good film coverage to maximize potential benefits of Actimin - FE. Supplemental pest control methods may be needed for full control.

## **Collards, Garden beet, Sugar beet, Horseradish, Radishes, Rutabagas, and Turnips**

### **For suppression of European red mites, flea beetle, harlequin bug, leafhoppers, tarnished plant bug, two-spotted spider mite, imported cabbage worm**

- Apply 6.25 to 12.5 lbs. per acre at 7 to 14 day intervals starting after fruit set. Application timing may be widened during dry periods to once every 14 to 21 days, being sure to maintain good film coverage to maximize potential benefits of Actimin - FE. Supplemental pest control methods may be needed for full control.

## **Cotton**

### **For suppression of cotton fleahopper, European red mites, flea beetles, tarnished plant bug, thrips, two-spotted spider mite, whiteflies**

- Apply 6.25 to 25.0 lbs. per acre at 7 to 14-day intervals starting after fruit set. Application timing may be widened during dry periods to once every 14 to 21 days, being sure to maintain good film coverage to maximize potential benefits of Actimin - FE. Supplemental pest control methods may be needed for full control.

## **Potato, Tomato, Eggplant, Pepper**

### **For suppression of European red mites, Colorado potato beetle, flea beetles, lace bugs, leafhoppers, stink bugs, tarnished plant bug, tomato fruit worm, tomato pinworm, two-spotted spider mite**

- Apply 6.25 to 25.0 lbs. per acre at 7 to 14-day intervals starting once week before infestation is expected. Supplemental pest control methods may be needed for full control.

## **Onions**

### **For suppression of onion thrips**

- Apply 6.25 to 12.5 lbs. per acre at 7 to 14-day intervals starting one week before infestation is expected. Supplemental pest control methods may be needed for full control.

## **Cucurbits**

### **For suppression of cucumber beetles**

- Apply 6.25 to 25 lbs. per acre at 7 to 14-day intervals starting one week before infestation is expected. Supplemental pest control methods may be needed for full control.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a dry, sheltered location. Product is slippery when wet. In case of spill or leak. Avoid breathing dust. Clean up and dispose of wastes in compliance with applicable Federal, State, and local regulations.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to applicable Federal, State, and local procedures.

**CONTAINER DISPOSAL:** Non-recyclable container. Non-refillable. Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of the smoke.

### CONDITIONS OF SALE, WARRANTY STATEMENT, DISCLAIMER

The directions for use of this product are believed to be adequate and must 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 due to such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of AMI LLC, the manufacturer, or the seller.

Note: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, AMI LLC makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, AMI LLC liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.