

81803-6

8/16/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 16, 2012

Technology Sciences Group Inc
712 Fifth Street, Suite A
Davis, California 95616
Attn Amy Plato Roberts

Subject Notification to add optional label text for California per PR Notice 98-10
Product Brand Name Jet- Ag™
The optional label text to add is the qualifier, "**Not for use in California**" that is added to certain Directions for Use
EPA Reg No 81803-6
Your Submission Dated August 8, 2012

Dear Ms Roberts

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration Notice (PRN) 98-10 dated above. A screen of this request has been conducted for its applicability under PRN 98-10, and it has been determined that the action(s) requested falls within the scope of this Notice. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records.

Three (3) copies of final printed labeling must be submitted to the Agency before your product as modified, may be sold or distributed [PR Notice 82-2 and 40 CFR 156.10(a)(6)].

If you have any questions regarding this action, you may contact Mr. Sylvester George at (703) 603-0688 or via e-mail at george.sylvester@epa.gov

Sincerely,

Linda A Hollis

Linda A Hollis, Chief
Biochemical Pesticide Branch
Biopesticides and Pollution
Prevention Division (7511P)

	United States Environmental Protection Agency Washington DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide – Section I

1 Company/Product Number 81803-6	2 EPA Product Manager Linda Hollis	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Jet-Ag™	PM# 91/Biochemical/BPPD	
5 Name And Address Of Applicant (Include ZIP Code) Jet Harvest Solutions PO Box 15139 Longwood, FL 32791 <input type="checkbox"/> Check if this is a new address	6 Expedited Review In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment – Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification – Explain below	<input type="checkbox"/> Final Printed labels in response to Agency letter dated _____ <input type="checkbox"/> Me Too Application <input type="checkbox"/> Other – Explain Below
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Notification Accepted

Date 8/16/2012

By EVER S. GEORGE


Explanation Use additional page(s) if necessary (For section I and Section II)
 Notification to add optional label text for California See attached cover letter dated August 8 2012 for details

This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152 46 and no other changes have been made to the labeling or the confidential statement of formula for this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152 46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

Section III

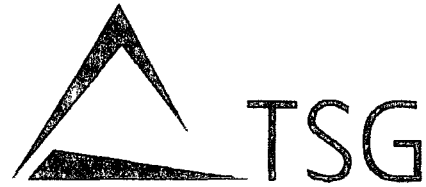
1 Material This Product Will Be Packaged In			
Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes Unit Packaging wgt _____ No per Container _____	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes Unit Packaging wgt _____ No per Container _____	2 Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3 Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4 Size(S) Retail Container _____	5 Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6 Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithographed <input type="checkbox"/> Other _____ <input type="checkbox"/> Pager glued <input type="checkbox"/> Stenciled			

Section IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Amy Plato Roberts Technology Sciences Group Inc	Title Regulatory Consultant	Telephone No. (Include Area Code) (530) 757 1432
Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		6 Date Application Received (Stamped)
2 Signature 	3 Title Regulatory Consultant	
4 Typed Name Amy Plato Roberts	5 Date August 8, 2012	

Technology Sciences Group Inc

712 Fifth St Suite A
Davis CA 95616
Direct in CA (530) 757 1432
Direct in DC (202) 828 8964
Fax (530) 757 1299
E Mail aroberts@tsgusa.com



Amy Plato Roberts
Senior Regulatory Consultant

Notification Accepted

Date 8/16/2012
Reviewer Sylvester George

August 8 2012

Linda Hollis Chief Biochemical Pesticides Branch
Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs EPA
One Potomac Yard
2777 South Crystal Drive
Arlington VA 22202

**RE Jet-Ag™, EPA Reg No 81803-6
NOTIFICATION to add optional label text for California**

Dear Ms Hollis

Enclosed with this letter you will find the following in support of a label NOTIFICATION to add optional label text for California as follows

- 1) 8570-1 Notification form
- 2) One (1) copy of the label with all changes highlighted in red

The optional label text added is the qualifier (Not for use in California) that is added to certain Directions for Use There are no other changes to the label

Please do not hesitate to let me know if you have any questions or comments

Sincerely

Amy Plato Roberts
Regulatory Consultant for Jet Harvest Solutions
Direct dial (530) 757-1432 aroberts@tsgusa.com

4/10

Jet-Ag™

Jet-Ag™ – A Fungicide, Bactericide, Algacide
for Agricultural Uses

Active Ingredients	
Hydrogen Peroxide	26.5%
Peroxyacetic Acid	4.9%
Other Ingredients	<u>68.6%</u>
Total	100.0%

DANGER - PELIGRO STRONG OXIDIZING AGENT

KEEP OUT OF REACH OF CHILDREN

Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle (If you do not understand the label find someone to explain it to you in detail)

See side panel for additional precautionary statements and first aid



Jet Harvest Solutions
P O Box 915139
Longwood, FL 32791
1-407-523-7842

EPA Registration No 81803 6
EPA Est No 70547 IL 001

Net Contents 53 gallons/5 gallons/30gallons/265 gallons

Batch No

FIRST AID	
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 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 swallowed	<ul style="list-style-type: none"> • Call 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 treatment advice
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Jet Harvest Solutions 24 hours at 1 877 866 5773 for emergency medical treatment information	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER

Corrosive Causes irreversible eye damage. May be fatal if swallowed or absorbed through skin. Causes skin burns or temporary discoloration on exposed skin. Do not breathe vapor. Do not get in eyes, on skin or on clothing. Wear protective eyewear such as goggles or face shield. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE) Applicators and handlers must wear coveralls over long sleeved shirt long pants and chemical resistant footwear plus socks When mixing and loading wear a chemical resistant apron For overhead exposure wear chemical resistant headgear Wear protective eyewear (goggles face shield or safety glasses) and chemical resistant gloves When cleaning equipment wear a chemical resistant apron Follow manufacturer s instructions for cleaning / maintaining PPE If no such instruction exists for washables use detergent and hot water

User Safety Recommendations

User should wash hands thoroughly with soap and water before eating drinking or using tobacco or using the toilet Users should remove clothing immediately if contaminated by pesticide 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 birds and fish Do not contaminate water when disposing of equipment washwaters or rinsate Exposed treated seed may be hazardous to birds and other wildlife Dispose of all excess treated seed and seed packaging by burial away from bodies of water

This product is highly toxic to bees and other beneficial insects exposed to direct contact on blooming crops or weeds Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area Do not apply this product or allow it to drift to crops where beneficials are part of an Integrated Pest Management strategy

Physical or Chemical Hazards

Corrosive

Strong oxidizing agent Do not use in concentrated form Mix only with water in accordance with label instructions Never bring concentrate in contact with other oxidative agents

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 the 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 (REI)

Agricultural Use Requirements (continued)

The requirements in this box apply to the uses of this product that are covered by the Worker Protection Standard

For enclosed environments

There is a restricted entry of one (1) hour for this product when applied via fogging or spraying to growing plants surfaces equipment structures and non porous surfaces in enclosed environments such as glasshouses and greenhouses PPE requirement 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 worn over long sleeved shirt and pants waterproof gloves and shoes plus socks

There is a restricted entry of zero (0) hours for pre plant dip seed treatment soil drench mop sponge dip soak rinse or other non spraying or non fogging application methods when used in enclosed environments such as glasshouses and greenhouses

For field applications

Keep unprotected persons out of treated areas until sprays have dried

For fruit and vegetable storage systems

Keep unprotected persons out of treated area for two (2) hours after the system has been purged with fresh air

Non Agricultural Use Requirements

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170) The WPS applies when this product is used to produce agricultural plants on farms forests nurseries or greenhouses

Keep unprotected persons out of treated areas until sprays have dried

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 the pesticide regulation

To prevent suppress or eliminate fungi bacteria and algae – *Alternaria* – *Anthracnose* – *Aphanomyces* – Black Spot – *Botrytis*(grey mold) – Downy Mildew – *Erwinia Fusarium* (root rot) – Leaf Spot – *Phytophthora* (blight & rots) – *Plasmiopara* – Powdery Mildew – *Pseudomonas* – *Pythium* – *Rhizoctonia* – Rust – Scab – Smut – *Thielaviopsis* – *Uncinula* (powdery

mildew) – Wilts and Blights – Red Blue Green Black and Brown Algae

Do not apply this product through any irrigation system unless directed by the label Refer to Chemigation Directions for Use

Compatibility

Jet Ag has been formulated to provide a balanced source of the active ingredient directly to the plant surface and has been shown not to cause adverse cosmetic effects on most plants However not all plant species have been tested therefore the user should always test Jet Ag on a few plants before treating large numbers of plants

Phytotoxicity Test Procedure

- 1 Select healthy typical plants of each cultivar or type on which the pesticide will be used
- 2 Read the pesticide label to determine the application site (roots or leaves) the rate of application (amount per gallon/liter) and the interval of application (number of days between applications)
- 3 Use clean spray equipment and perform the test during the time of day when most of your pesticide applications will occur
- 4 Have one control set of plants which are sprayed with water only Control plants must be sprayed under the same conditions as pesticide sprayed plants
- 5 Wait for signs of phytotoxicity before determining that a pesticide is safe Phytotoxic effects can range from slight burning or browning of leaves to death of the plant Sometimes the damage appears as distorted leaves fruit flowers or stems

Solution Preparation

Jet Ag works best when diluted with water having a neutral pH that contains low levels of organic or inorganic materials Thoroughly rinse out mixing tank with water before mixing concentrate as to clean out residues from other substances Jet Ag will readily mix with clean neutral water and does not require agitation Before mixing with other materials test Jet Ag for compatibility

Jar Test Procedure

- 1 Determine the appropriate volume or weight of each product to be jar tested in the correct ratio that will be used in the proposed tank mix
- 2 Add the products you wish to test by formulation type and in the calculated amounts for the jar test Add first the water followed by wettable powders (WP) granules (G) flowables (F) emulsifiable concentrates (EC) and finally other liquids including Jet Ag
- 3 Close jar and shake vigorously to mix
- 4 Observe jar immediately after agitation and again after 30 minutes

- 5 If products in jar remain suspended (mixed) or are resuspended easily after 30 minutes (with minimal agitation) then the tank mix products are compatible and can be tested on plants

Jet Ag can be used with nonionic surfactants stable at low pH Apply to plants with waxy or hairy surfaces

Use Rates and Directions

For greenhouse surfaces and equipment (Not for use in California) use Jet Ag to suppress/control fungi and slime forming algae on greenhouse structures and surfaces such as glass plastic benches walkways floors walls fan blades ventilation ducts watering systems coolers storage rooms and equipment

- 1 Sweep and remove all plant debris Use power sprayer to wash all surfaces to remove loose dirt
- 2 Use 7.8 ounce of Jet Ag per 5 gallons of clean water Use additional surfactant if needed
- 3 Apply solution with mop sponge power sprayer or fogger to thoroughly wet all surfaces
- 4 Scrub off heavy growths of algae and fungi following application Use a solution of Jet Ag to wash away dead growth
- 5 Reapply as often as needed for control as needed to control new or established disease conditions

For non-porous surfaces with minimum surface dirt or debris (Not for use in California) use 1.3 to 1.8 fluid ounces of Jet Ag per 5 gallons of clean water

- 1 Non porous surfaces including pots flats and trays should be sprayed with Jet Ag until runoff
- 2 Non porous surfaces including cutting tools maybe soaked in Jet Ag ensuring complete coverage Use additional surfactant if needed

For evaporative coolers, add Jet Ag at a point in the system where uniform mixing and even distribution will occur Using an intermittent feed method when microbial control is evident treat cooler water with 0.7 to 1.3 fluid ounces of Jet Ag per 5 gallons of water every week or as needed to maintain control The daily application could vary depending upon the severity of biofilm formation

For irrigation systems (flooded floors flooded benches recycled water systems humidification and misting systems) (Not for use in California) treat contaminated water with 0.7 to 2.6 fluid ounces per 5 gallons of water Treat clean water with 0.5 to 0.7 gallon of Jet Ag per 10,000 gallons of water **If application is to be made through irrigation or chemigation systems, refer to the Chemigation Directions for Use section of this label for specific requirements and instructions**

As a pre-plant dip treatment, use Jet Ag for the control/suppression of damping off root and stem diseases

caused by *Pythium Phytophthora Rhizoctonia Fusarium or Thielaviopsis* on ornamental and nursery plants seed beds seeds seedlings bulbs or cuttings

- 1 Use 3.5 to 7.8 fluid ounces of Jet Ag per 50 gallons of water
- 2 Immerse plants or cuttings for 3-5 seconds or until plant is thoroughly wetted in the root zone
- 3 Then remove and allow plants or cuttings to drain. Do not rinse

As a soil drench Jet Ag is effective for the control/suppression of soil borne plant diseases such as *Pythium Phytophthora Rhizoctonia Fusarium* and *Thielaviopsis*. Use as a soil drench at the time of seeding or transplanting as well as periodic drench treating every 3-4 weeks after a rain or if diseases becomes present. Use Jet Ag on potting soil and growing mediums prior to planting

- 1 Use 3.9 to 7.8 fluid ounces of Jet Ag per 5 gallons of clean water
- 2 Apply to soil or growing media to the point of saturation
- 3 Wait fifteen minutes after drenching before planting or watering

As a foliar spray treatment in greenhouses Jet Ag begins working immediately on contact with any plant surface for control/suppression of plant pathogens. Apply Jet Ag to ornamentals bedding plants flowering plants shrubs and trees

Initial Curative Application

- 1 Use 3.9 to 7.8 fluid ounces of Jet Ag per 5 gallons of clean water. For optimal performance do not reuse already mixed solution. Make a fresh solution daily
- 2 Spray or mist plants in the early morning or late evening
- 3 Thoroughly wet all surfaces of plant upper and lower foliage including stems branches and stalks to ensure full contact with plant and flower tissue
- 4 Treat plants for one to three consecutive days and then follow label directions for preventative treatment

Weekly Preventative Treatment

- 1 Use 0.75 to 1.3 fluid ounces of Jet Ag per 5 gallons of clean water
- 2 Spray or mist plants
- 3 Thoroughly wet all surfaces of plant upper and lower foliage including stems branches and stalks
- 4 Spray every five to seven days as a preventative treatment
- 5 At the first sign of disease spray daily with 3.6 to 7.8 fluid ounces of Jet Ag per 5 gallons of water for three consecutive days and then resume weekly preventative treatment

As a foliar spray treatment in the field

Jet Ag begins working immediately on contact with any plant surface for control / suppression of disease. Apply Jet Ag to nursery stock such as woody ornamentals bedding plants flowering plants roses container plants azaleas rhododendrons conifers and shade trees. Complete coverage and wetting of the foliage is necessary for optimum results

Initial Curative Application

- 1 Use 3.9 to 7.8 fluid ounces of Jet Ag per 5 gallons of clean water. For optimal performance do not reuse already mixed solution. Make a fresh solution daily
- 2 Spray or mist plants and trees. **If application is to be made through irrigation or chemigation systems, refer to the Chemigation Directions for Use section of this label for further requirements and instructions**
- 3 Thoroughly wet all surfaces of plant upper and lower foliage including stems branches and stalks to ensure full contact with plant and flower tissue
- 4 Apply for one to three consecutive days and then follow directions for preventative treatment after the initial application

Weekly Preventative Treatment

- 1 Use 0.75 to 1.3 fluid ounces of Jet Ag per 5 gallons of clean water
- 2 Spray or mist plants and trees. **If application is to be made through irrigation or chemigation systems, refer to the Chemigation Directions for Use section of this label for further requirements and instructions**
- 3 Thoroughly wet all surfaces of plant upper and lower foliage including stems branches and stalks
- 4 Spray every five to seven days as a preventative treatment
- 5 At the first sign of disease spray daily with 3.6 to 7.8 fluid ounces of Jet Ag per 5 gallons of water for three consecutive days and then resume weekly preventative treatment

For cut flowers, (Not for use in California) apply Jet Ag as a post harvest treatment to prevent *Botrytis* Downy Mildew and Powdery Mildew on flowers in cold storage or in transit. Use 0.75 to 1.3 fluid ounces of Jet Ag per 5 gallons of clean water. Repeat as necessary for flowers in storage

For bareroot nursery stock use Jet Ag to prevent *Botrytis* on bud wood and nursery stock in storage. Use 7.8 fluid ounces of Jet Ag per 5 gallons of water. Dip plants or spray for 3 to 5 seconds until dripping wet. Repeat weekly if necessary

Turf Applications

Use Jet Ag as a broad spectrum treatment for the control of algae fungi and bacteria on turf. Can be used on all turf types including landscaping turf lawns athletic fields and golf course fairways greens and tees

Use Jet Ag to control *Anthracnose* Brown Spot Dollar Spot Copper Spot Fairy Ring Pink Snow Mold *Pythium* *Phytophthora* Summer Patch *Rhizoctonia* Scum *Fusarium* Blight Stripe Smut Leaf Spot Algae Slime Molds and their spores

Jet-Ag begins working on contact

For algacide/bactericide treatment use Jet Ag to control algae and bacterial diseases and the odors and the conditions these organisms may cause

Optimum treatment time is early morning or late afternoon Applications can be made during wet or rainy weather Use the spray solution the same day it is prepared do not store and reuse mixed spray solution Jet Ag can be injected through automatic irrigation systems in turf areas **If application is to be made through irrigation or chemigation systems, refer to the Chemigation Directions for Use section of this label for further requirements and instructions**

- 1 Typical treatment rates involve treating approximately 1000 square feet of lawn area with 1 to 10 gallons of diluted solution of Jet Ag depending on turf density and thatch build up Spray entire area until run off saturation of the entire area being treated will ensure the solution penetrates algal crusts and deposits Add a spreader surfactant when needed to enhance contact with plant surfaces
- 2 For initial (curative) treatment of heavy infestations of algae or bacterial disease dilute 3.9 to 15.5 fluid ounces of Jet Ag in 5 gallons of clean water Apply 5 to 10 gallons of diluted solution per 1000 square feet
- 3 For preventative treatment of algae and bacterial disease dilute 1.56 to 39.0 fluid ounces of Jet Ag in 5 gallons of clean water Apply 1 to 5 gallons of diluted solution per 1000 square feet
- 4 Repeat application every 5 to 7 days or as needed to control new or established disease conditions For best results apply immediately after grass has been cut

For severe conditions of crusted algae use Jet Ag diluted at 14 to 25 fluid ounces of Jet Ag per 5 gallons of clean water and apply to 1000 square feet of affected area Severe conditions require increased rates of Jet Ag and increases in water volume to help penetrate layers of algae Under severe conditions double applications either by increasing the amount of Jet Ag per 1000 square feet of turf or by applying twice over the same area

For fungicide treatment of Bent grass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St Augustinegrass and their mixtures on golf course fairways, greens and tees

Optimum treatment time is early morning or late afternoon Applications can be made during wet or rainy weather Use spray solution the same day it is prepared do not store mixed spray solution for later use

Typical treatment rate is 1000 square feet of turf area with 1 to 10 gallons of diluted solution Amount of diluted solution used is based on the variety porosity and height of the turf and enough solution must be applied to thoroughly wet the plant surfaces Spray entire area until run off Add a spreader surfactant for best results

- 1 Start applications at the first sign of disease and repeat every 5 to 7 days or as needed to control new or established disease condition For best results apply uniformly over the area immediately after grass has been cut
- 2 For initial (curative) treatment of heavy infestation of fungal disease dilute 1.80 to 7.80 fluid ounces of Jet Ag in 5 gallons of clean water Apply 5 to 10 gallons of dilute solution per 1000 square feet
- 3 For preventative treatment of fungal disease dilute 1.8 to 8.10 fluid ounces of Jet Ag per 5 gallons of clean water Apply 1.5 gallons of dilute solution per 1000 square feet

For seedbed treatment prior to sowing seed use 2.5 fluid ounces of Jet Ag per 5 gallons of clean water Thoroughly wet or drench the seed bed to the point of saturation with 60 to 100 gallons of dilute solution per 1000 square feet Let sit for one hour then immediately seed soil

After seeds have germinated use 0.8 to 1.2 fluid ounces of Jet Ag per 5 gallons of clean water Lightly spray or irrigate the soil and seedlings until thoroughly wetted Retreat once per week until seed is well established

For soil treatment prior to inoculation with beneficial microorganisms use Jet Ag to reduce the number of plant pathogenic microorganisms in the soil Use 1.3 to 2.5 fluid ounces of Jet Ag per 5 gallons of clean water Thoroughly wet or drench the area to be inoculated Wait one day before inoculating the soil

To treat turf following inoculation of soil with beneficial microorganisms use Jet Ag to control plant pathogens on the foliar portion of turf Do not drench the root system or a temporary reduction in beneficial soil microorganisms can occur

Use 0.8 to 1.9 fluid ounces of Jet Ag per 5 gallons of clean water Apply to the turf by lightly spraying leaf surfaces Do not allow solution to be drenched into the soil and root systems Drenching of Jet Ag into the soil can result in temporary reduction of beneficial microorganisms

For fruit and vegetable storage systems Jet-Ag can be applied by fogging to control the growth of non public health microorganisms that may cause decay and/or spoilage in raw

post harvest fruits and vegetables during the post harvest process

- 1 Use in a secure fruit and vegetable storage system
Vacate all personnel prior to fogging Post notice of when personnel can re enter After application purge room with fresh air to replace treated air Ensure room is properly ventilated Personnel may re enter 2 hours after system has been properly aired Ensure there is no strong odor characteristic of vinegar before having personnel return to work area
- 2 Fog areas to be treated using 3.5 fluid ounces of Jet Ag into humidified air per 1000 cu ft of room volume Inject concentrate into water used in humidification of postharvest fruit and vegetables in storage using any type of fogging equipment including cold foggers thermal foggers low pressure air assisted and high pressure fog systems

For fungicide treatment control or suppression

Jet Ag can be applied to the following growing crops to control fungi **Crops** root vegetables potatoes berries strawberries citrus fruit pome fruit stone fruit herbs spices peppers tomatoes sweet potatoes onions cucurbits tropical fruits avocados bananas mangoes grapes brassicas peas beans soybeans cereal crops peanuts cotton and coffee

Initial Curative Application

- 1 Use 3.9 to 7.8 fluid ounces of Jet Ag per 5 gallons of clean water
- 2 Do not reuse already mixed solution make fresh daily Spray or mist plants and trees including application through irrigation or chemigation systems **If application is to be made through irrigation or chemigation systems, refer to the Chemigation Directions for Use section of this label for further requirements and instructions**
- 3 Thoroughly wet all surfaces of plant upper and lower foliage including stems branches and stalks to ensure full contact with plant tissue
- 4 Based on disease severity apply for one to three consecutive days and then follow directions for preventative treatment after the initial application

Weekly Preventative Treatment

- 1 Use 0.75 to 1.3 fluid ounces of Jet Ag per 5 gallons of clean water
- 2 Spray or mist plants and trees **If application is to be made through irrigation or chemigation systems, refer to the Chemigation Directions for Use section of this label for further requirements and instructions**
- 3 Thoroughly wet all surfaces of plant upper and lower foliage including stems branches and stalks

- 4 Based on disease pressure spray every five to seven days as a preventative treatment
- 5 At the first sign of disease spray daily with 3.6 to 7.8 fluid ounces of Jet Ag per 5 gallons of water for three consecutive days and then resume weekly preventative treatment

CHEMIGATION DIRECTIONS FOR USE

General Requirements

- 1 Apply this product through one of the following types of irrigation systems center pivot lateral move end tow side wheel roll traveler solid set and hand move flood basin or drip trickle irrigation system Do not apply this product through any other type of irrigation system
- 2 Crop injury or lack of effectiveness can result from non uniform distribution of treated water
- 3 Ensure that the irrigation system is properly calibrated If you have questions about calibration contact the State Extension Service specialist the equipment manufacturer or other experts
- 4 Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless proper safety devices for public water systems are in place Read specific requirements provided below
- 5 A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person shall shut the system down and make any necessary adjustments should the need arise

Specific Requirements for all Irrigation Systems

- 1 Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days throughout the year
- 2 Chemigation systems connected to public water systems must contain a functional reduced pressure zone (RPZ) backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction As an option to the RPZ the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least the inside diameter of the fill pipe
- 3 The pesticide injection pipeline must contain a functional automatic quick closing check valve to prevent the flow of liquid back towards the injection point
- 4 The pesticide injection pipeline must contain a functional normally closed solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being drawn from the supply tank when the irrigation system is either automatically or manually shut down
- 5 The system must contain functional interlocking controls to

automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump when the water pressure decreases to the point where pesticide distribution is adversely affected

- 6 Systems must use a metering pump such as a positive displacement injection pump or equivalent effectively designed and constructed of materials that are compatible with pesticide and capable of being filled with a system interlock
- 7 Do not apply outdoors when wind speed favors drift beyond the area intended for treatment

Application Instructions

- 1 Remove scale pesticide residues and other foreign matter from the chemical supply tank and entire injector system Flush with clean water Failure to provide a clean tank void of scale or residue may cause product to lose effectiveness of strength
- 2 Determine the treatment rates as indicated in the directions for use and make proper dilutions
- 3 Prepare a solution by filling the tank with the required volume of water and then adding product as required The product will immediately go into solution without any required agitation
- 4 Jet Ag must not be applied in conjunction with any other pesticides or fertilizers this may cause reduced performance of the product and should be avoided

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas labor camps businesses day care centers hospitals in patient clinics nursing homes or any public area such as schools parks playgrounds or other public facilities not including public roads or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses

Posting must conform to the following requirements Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas When there are no usual points of entry signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas The printed side of the sign should face away from the treated area towards the sensitive area The signs shall be printed in English Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period

All words shall consist of letters at least 2 1/2 inches tall and all letters and the symbol shall be a color which sharply contrasts with their immediate background At the top of the

sign shall be the words KEEP OUT followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

PESTICIDE STORAGE Store in original containers in a cool well vented area away from direct sunlight To maintain product quality store at temperatures below 86F Do not allow product to become overheated in storage This may cause increased degradation of the product which will decrease product effectiveness In case of spill flood area with large quantities of water Do not store in a manner where cross contamination with other pesticides or fertilizers could occur

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility Open dumping is prohibited If wastes cannot be disposed of according to label directions contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance

CONTAINER DISPOSAL Nonrefillable container Do not reuse or refill this container Triple rinse (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into application equipment or mix tank Fill the container 1/4 full with water Replace and tighten closures Tip the container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds Stand container on its end and tip back and for the several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use of disposal Repeat the procedure two more times Then offer for recycling or dispose in a sanitary landfill or incineration if allowed by state and local authorities by burning

WARRANTY

This product conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use To the extent allowed by applicable law Timing method of application weather watering practices and nature of soil potting medium disease problem and condition of crop incompatibility with other chemicals pre existing conditions and other conditions influencing the use of this product are beyond the control of the seller To the extent allowed by applicable law buyer assumes all risks associated with the use storage or handling of this material not in strict accordance with directions given herewith TO THE EXTENT ALLOWABLE BY LAW NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE

