

67690-85

06/21/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Laurent C Mezin
Manager, Regulatory Affairs
SePRO Corporation
11550 North Meridian Street, Suite 600
Carmel, IN 46032-4565

JUN 21 2012

Product Name Junction
EPA Reg No 67690-35
Subject Label Notification dated June 4, 2012 Pesticide Registration
 Notice 2007-4
OPP Decision Number 465874

Dear Dr Mezin

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156 140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov

Sincerely,

Mary L Waller
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Please read instructions on reverse before completing form

Form Approved UMB No 2070-0080

Print Form

	United States Environmental Protection Agency Washington DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number
		<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1 Company/Product Number 67690 35	2 EPA Product Manager Mary Waller	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) SePRO Corporation / Junction	PM# 21	
5 Name and Address of Applicant (Include ZIP Code) SePRO Corporation 11550 N Meridian Street Suite 600 Carmel IN 46032 <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 <input checked="" type="checkbox"/> EPA Reg No _____ Product Name _____	

Section - II

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

Explanation Use additional page(s) if necessary (For section I and Section II)

Submission of label notification per PRN 2007 4

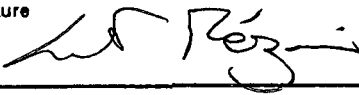
Section - III

1 Material This Product Will Be Packaged In			
Child Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2 Type of Container <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If Yes Unit Packaging wgt	No per container
		If Yes Package wgt	No per container
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4 Size(s) Retail Container 2 oz 275 Lbs	5 Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6 Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)

Name Laurent C Mezin	Title Mgr Regulatory Affairs	Telephone No (Include Area Code) 317 580 8286
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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 Manager Regulatory Affairs	
4 Typed Name Laurent C Mezin	5 Date 04 June 2012	

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6/7



SePRO Corporation • 11550 North Meridian Street • Suite 600 • Carmel, Indiana 46032-4565
Phone (317) 580-8282 Fax (317) 580-8290

04 June 2012

Mary Waller PM21
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U S Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

**RE Junction, EPA Reg No 67690-35
Notification of label update to comply with PRN 2007-4**

Dear Ms Waller

SePRO Corporation is submitting a notification to amend the product label for Junction EPA Registration No 67690-35 This notification is in response to EPA PR Notice 2007-4 "Labeling Revisions Required by the Final Rule "Pesticide Management and Disposal Standards for Pesticide Containers and Containment"

Please note that this product has a fully updated label pending through the re-registration process Note also that SePRO had submitted a label updated in conjunction with another action, but that the Agency requested we withdraw that amendment

Please find enclosed the following information

- Transmittal document (this letter)
- Application for Pesticide Registration, EPA Form 8570-1
- 1 highlighted and 1 clean copy of the label

This notification is consistent with the guidance in PR Notice 2007-4, PRN98-10 and the requirements of EPA's regulations at 40 CFR §§ 156 10 156 140 156 144, 156 146 and 156 156 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 the amended label is not consistent with the requirements of 40 CFR §§ 156 10 156 140, 156 144 156 146 and 156 156 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

4/20



SePRO Corporation • 11550 North Meridian Street • Suite 600 • Carmel, Indiana 46032-4565
Phone (317) 580-8282 Fax (317) 580-8290

If you have any questions regarding this submission, please contact me at (317) 580-8286 or LaurentM@sepro.com

Sincerely,

Laurent C Mezin
Manager, Regulatory Affairs

Enclosures

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JUNCTION*

EPA Reg No 67690-35

FPL20120604 Clean

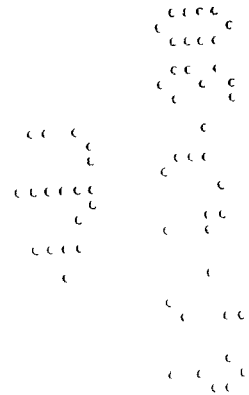
Registration Notes

Based on EPA accepted copy with FPL051506 Updated to comply with PRN2007-4

Label Notes:

General Label changes

- 1 Updated FPL
- 2 Removed website information
- 3 Update Storage and Disposal text to comply with PRN2007-4
- 4 Included full address
- 5 Changed General Information to Product Information





JUNCTION*
FUNGICIDE/BACTERICIDE
Dry Flowable

NOTIFICATION

JUN 21 2012

Active Ingredients

Mancozeb, a coordination product of zinc ion and manganese ethylenebisdithiocarbamate	15 0%
in which the ingredients are	
Manganese ⁺⁺	3 0%
Zinc ⁺⁺	0 4%
Ethylenebisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄)	11 6%
Copper Hydroxide (Metallic Copper Equivalent - 30%)	46 1%
Other Ingredients	38 9%
TOTAL	100 0%

KEEP OUT OF REACH OF CHILDREN

DANGER / PELIGRO

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)

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eyes 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 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 mouth-to-mouth if possible • Call a poison control center or doctor for further treatment advice
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by the poison control center or doctor • Do not give anything by mouth to an unconscious person
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
<p>NOTE TO PHYSICIAN Probable mucosal damage may contraindicate use of gastric lavage Have the product container or label with you when calling a poison control center or doctor, or going for treatment In case of emergency endangering health or the environment involving this product call INFOTRAC 800-535-5053</p>	

See Label for Additional Precautions and Directions for use

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PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****DANGER / PELIGRO**

Corrosive Causes irreversible eye damage Harmful if swallowed or inhaled Do not get in eyes or clothing Avoid inhaling dust or spray mist Prolonged and repeated dermal contact may cause allergic reactions in some individuals

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

Applicators and other handlers must wear

- Coveralls over long-sleeved shirt and long pants,
- Chemical resistant apron during mixing and loading,
- Chemical resistant gloves made of any waterproof material,
- Shoes plus socks and
- Protective eyewear

Discard clothing and other absorbent materials that have been heavily contaminated with this product's concentrate Follow manufacturer's instructions for cleaning and maintaining PPE If no such instructions for washables, use detergent and hot water Keep and wash PPE separately from other laundry

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

This pesticide is toxic to fish and aquatic organisms Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites Do not allow rinsate from cleaning of equipment or disposed material to enter surface or ground water

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling Do not apply this product in a way that will contact workers or other persons either directly or through drift Only protected handlers may be in the area during application For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR part 170. This Standard contains requirements for 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 intervals. 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 24 hours without recommended PPE.

The following equipment and precautions must be followed for 7 days following the application of this product:

- An eye-flush container, designed specifically for flushing eyes, must be available at the WPS decontamination site for workers entering the area treated with copper hydroxide (an active ingredient in Junction).
- Notify workers of the application by warning them orally that residues in the treated areas may be highly irritating to their eyes and to take precautions such as refraining from rubbing their eyes and if they get residues in their eyes they should immediately flush their eyes using the eye-flush container.

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 over long-sleeved shirt and long pants,
- Chemical resistant gloves made of any waterproof material,
- Shoes plus socks, and
- Protective eyewear.

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 the treated areas until sprays have dried.

PRODUCT INFORMATION

GROUND or AERIAL APPLICATIONS Apply Junction at the rate shown, use sufficient water to provide thorough coverage with available equipment in either dilute sprays or in concentrate ground or aerial sprays, typically at least 100 gallons per acre for traditional airblast sprayers, 25-50 gallons per acre for low volume airblast sprayers, and 3-10 gallons per acre for aerial application. Rates of product per acre should be the same for dilute and concentrated sprays. Add Junction slowly to water in the spray tank with agitation, or premix thoroughly in separate holding tank for concentrate or aircraft sprayers. Continuous agitation is recommended to keep the product in suspension. If needed, adjuvants of the spreader, sticker, or compatibility

agent type that are approved for use on growing crops may be used

During aerial application, human flaggers must be in enclosed cabs

SPECIAL PRECAUTIONS

- Junction **should not be applied** in a spray solution having a pH of less than 6.5 as phytotoxicity may occur
- This product may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.
- Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of Junction resulting in possible phytotoxicity or loss of effectiveness.
- Pesticides may perform in an unpredictable manner when tank mixed especially where several products are involved. Reduced effect on pests or crop injury may occur. Unless recommended on this label or by a state/local expert, or the user has small scale direct experience, tank mixing should not be undertaken.
- Do not apply this product through any irrigation (chemigation) system using aluminum parts or components as damage to the system may occur. Such application is prohibited regardless of whether the irrigation system is flushed with water after use of this product.
- Apply this product only through one or more of the following types of systems: sprinkler including center pivot, lateral move, traveler, big gun, and plastic pipe solid set system(s) which contain no aluminum parts or components. Do not apply this product through any other type of irrigation system.
- Mixing of this product with products containing diazinon, fosetyl-al or other aluminum-containing products, or thiophanate-methyl is not recommended because of physical incompatibility.
- It must be determined in the selection process if proper application equipment is available and if the waste associated with its use can be properly handled. Materials used in the construction of application equipment is also an important factor as pesticides are often reactive with soft metals such as aluminum and even some synthetic materials such as plastics, rubbers, etc. Therefore it is necessary when working with equipment containing these materials that they are thoroughly flushed with clean water after each day's use.
- Junction should be used only in accordance with recommendations on this label.

SePRO Corporation will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by SePRO Corporation. User assumes all risks associated with such non-recommended use.

FROST INJURY PROTECTION

BACTERIAL ICE NUCLEATION INHIBITOR

When used at the appropriate rate and timing, to all crops listed on this label for disease control Junction may also afford control of ice-nucleating bacteria (*Pseudomonas syringae*, *Erwinia herbicola*, and *Pseudomonas fluorescens*) If the applications occur at least 24 hours prior to anticipated frost conditions, some protection against light frost may be provided No reduction in frost damage should be expected in those geographic areas where weather conditions favor severe frost

APPLICATION INSTRUCTIONS

FOLIAR TREATMENT

Where EBDC products used allow the same maximum poundage of active ingredient per acre per season

If more than one product containing an EBDC active ingredient (maneb mancozeb or metiram) is used on a crop during the same growing season and the EBDC products used allow the same maximum poundage of active ingredient per acre per season, then the total poundage of all such EBDC products used must not exceed any of the specified individual EBDC product maximum seasonal poundage of active ingredient allowed per acre

Where EBDC products used allow different maximum poundage of active ingredient per acre per season

If more than one product containing an EBDC active ingredient is used on a crop during the same growing season and the EBDC products used allow different maximum poundage of active ingredient per acre per season, then the total poundage of all such EBDC products used must not exceed the lowest specified individual EBDC product maximum poundage of active ingredient allowed per acre

ORNAMENTALS

For outdoor or greenhouse use apply as a thorough coverage spray using 1.5 to 3.5 lb Junction per acre Dilute spray, using the higher rates when conditions favor disease One-half tablespoon of Junction per gallon of water is equivalent to 1.5 lb per 100 gallons Begin application at first sign of disease and repeat at 7 - 14 day intervals as needed Use shorter intervals when severe disease conditions exist

Note Plant sensitivities to Junction have been found to be acceptable in specific genera and species listed on this label however, phytotoxicity may occur Due to the large number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for sensitivity to Junction Neither the manufacturer nor the seller has determined whether or not Junction can be safely used on ornamental or nursery plants not listed on this label The user should determine if Junction can be used safely prior to commercial use In a small area apply the recommended rates to the plants in question, i.e. bedding plants, foliage etc., and observe for 7 - 10 days for symptoms of phytotoxicity

Not intended for use on fruit trees by homeowners Do not apply to plants grown for food or feed purposes

CROP	DISEASES	REMARKS
Apple (including crab apple)	Fireblight (suppression)	Make a single application between silver tip and green tip as a full cover spray Injury may occur from late application, discontinue use when green tip reaches ½ inch
Arborvitae	Cercospora Blight, Alternaria Twig Blight, Phomopsis Needle Blight	
Ash [†]	Anthracnose	
Azalea	Cercospora Leaf Spot, Botrytis Blight Phytophthora Twig and Bud Blight [†] Powdery Mildew	Discoloration of foliage and/or blooms has been noted on some varieties To prevent residues on commercial plants, do not spray just before selling season
Banana	Sigatoka	Apply when leaves first appear and repeat every 14 to 21 days or as required Use sufficient water to provide adequate coverage The addition of a surfactant to spray solutions will improve performance
Barberry [†]	Bacterial Leaf Twig Blight	
Beech [†]	Fungal Leaf Spot	
Begonia	Botrytis Blight Bacterial Leaf Spot	
Birch [†]	Leaf Blister Rust	
Bittersweet [†]	Fungal Leaf Spot	
Camellia	Anthracnose, Bacterial Leaf Spot, Petal Blight	
Carnation	Alternaria Blight, Pseudomonas Leaf Spot, Botrytis Blight Septoria Leaf Spot	Discoloration of foliage and/or blooms has been noted on some varieties To prevent residues on commercial plants, do not spray just before selling season
Catalpa [†]	Fungal Leaf Spot	
Cherry-laurel [†]	Brown Rot, Blossom & Twig Blight Fungal Leaf Spot Bacterial Spot	
Chrysanthemum	Septoria Leaf Spot, Botrytis Blight	Discoloration of foliage and/or blooms has been noted on some varieties To prevent residues on commercial plants, do not spray just before selling season
Cotoneaster	Scab, Fungal Leaf Spot, Botrytis Blight	
Currant [†] , alpine	Anthracnose, Fungal Leaf Spot	
Dahlia	Alternaria Leaf Spot, Cercospora Leaf Spot, Botrytis Blight	

Dogwood	Anthraco [†] , Fungal Leaf Spot [†] Leaf Blotch [†] Spot Anthracnose [†] Flower [†] and Leaf Blights [†]	Apply when buds begin to open, when bracts have fallen, 4 weeks later and again in late summer after flower buds for next season have formed
Easter Lily	Botrytis Blight	Use 4 0 - 6 5 lbs in 20 to 100 gallons of water per acre
Elm	Xanthomonas Leaf Spot Anthracnose [†] Black Leaf Spot [†] , and other Fungal Leaf Spots [†] , Twig Blight [†]	
Euonymus	Anthraco [†] , Botrytis Blight Fungal Leaf Spots [†] Scab [†] Spot Anthracnose [†]	
Fir [†]	Needle and Twig Blights, Leaf Casts	
Forsythia [†]	Fungal Leaf Spot	
Geranium	Alternaria Leaf Spot Botrytis Gray Mold, Cercospora Leaf Spot	
Gladiolus	Alternaria Leaf Spot Botrytis Gray Mold Bacterial Leaf Blight	
Hickory [†]	Anthraco [†] , Fungal Leaf Spot or Blotch Scab Spot Anthracnose	
Holly [†]	Fungal Leaf Spot Tar Spot Anthracnose, Spot Anthracnose Leaf and Twig Blight, Algae	
Honeysuckle [†]	Herpobasidium Leaf Blight, Fungal Leaf Spot	
Horse-chestnut [†] Buckeye [†]	Leaf Blotch Fungal Leaf Spot or Blight Anthracnose, Spot Anthracnose	
Hydrangea [†]	Fungal Leaf Spot, Rust Botrytis Leaf and Flower Blight or Gray Mold	
Impatiens, New Guinea and standard varieties [†]	Alternaria, Pseudomonas syringae	Use 3 to 5 teaspoons per gallon " " " "
Indian Hawthorn	Anthraco [†] Entomosporium Leaf Spot	Use 2 5 - 5 0 lb per acre " " " " " "
Juniper (Eastern Red Cedar)	Anthraco [†] Rust [†] Phomopsis Twig Blight [†] , Cercospora Leaf Blight [†]	" " " "
Lilac [†]	Bacteria Blight Phytophthora Blight	" "

Linden Basswood†	Anthraco-nose, Fungal Leaf Spots Leaf Blight Spot Anthracnose	
Magnolia	Gleospo-rium Leaf Spot† Algal Leaf Spot Anthracnose, Bacterial Leaf Spot, Leaf Blights	
Maple† Boxelder†	Anthraco-nose Fungal Leaf Spots, Leaf Blight or Blotch, Leaf Scab, Tar Spot, Leaf Blister	
Marigold	Botrytis Leaf and Blossom Blight, Alternaria Leaf Spot Cercospora Leaf Spot	Not recommended for use on French Marigold as phytotoxicity may occur
Mountain-Ash†	Leaf Blight Scab Fungal Leaf Spot, Rust, Fire Blight	
Mulberry	Bacterial Blight† or Leaf Spot Fungal Leaf Spot† False Mildew†	
Oak Laurel	Algal Leaf Spot (<i>Cephaleuros virescens</i>), Anthracnose† Fungal Leaf Spots† and Blights† Spot Anthracnose† Leaf Blotch†, Leaf Blister†	
Pachysandra	Volu-tella Leaf Blight	
Pansy	Anthraco-nose Downy Mildew	
Pear	Fireblight	Apply at 5 day intervals throughout the bloom period Do not apply after bloom
Peony	Alternaria Leaf Spot, Botrytis Blight	
Periwinkle (Vinca)	Anthraco-nose	Apply 3 to 5 teaspoons per gallon
Photinia	Anthraco-nose, Entomosporium Leaf Spot Powdery Mildew†	
Pine†	Dothistroma Needle Blight, Scirrhia Brown Spot and Needle Blight Rhizosphaera Needle Cast Sirococcus Tip Blight Sphaeropsis or Diplodia Tip Blight or Dieback, Rhabdo-cline Needle Cast, Lophoder-mium and Cyclaneusma Needle Cast	
Poplar, Aspen†, Cottonwood	Leaf Rusts, Fungal Leaf Spot, Yellow Leaf Blister	
Privet†	Anthraco-nose, Fungal Leaf Spots, Twig Blight	
Pyracantha	Fireblight, Scab	
Redbud	Cercospora and other Fungal Leaf Spots	

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Rhododendron, Azalea	Alternaria Flower Spot, Cercospora Leaf Spot, Ovulinia Petal [†] or Flower Blight [†] , Fungal Leaf Spots [†] , Rust [†] , Galls (leaf flower and stem [†]), Botrytis Blight [†] , Bud and Twig Blight Dieback [†]	
Rose	Black Spot Cercospora Leaf Spot, Powdery Mildew, Botrytis Blight [†] , Cankers [†] , Cane Blight [†] , Spot Anthracnose [†] , Rust Anthracnose [†] , Fungal Leaf Spot [†]	Discoloration of foliage and/or blooms has been noted on some varieties. To prevent residues on commercial plants, do not spray just before selling season.
Russian-olive [†]	Fungal Leaf Spot	
Spathiphyllum [†]	Bacterial Leafspot, Bacterial Soft Rot, Leafspot caused by Alternaria, Ascochyta, Cercospora, Gleosporium and Phyllosticta. Anthracnose caused by Collectotrichum gloeosporioides.	
Stone fruit (ornamental) [†] -- almond, apricot, cherry, nectarine, peach, plum	Black Knot, Brown Rot, Blossom & Twig Blight, Botrytis Blight, Gray Mold, Leaf Blister or Curl, Plum Pockets, Witches'-broom Scab, Shot Hole, Fungal Leaf Spot, Bacterial Spot	No post-bloom application
Sumac [†]	Fungal Leaf Spots	
Sycamore [†] , Planetree [†]	Anthracnose, Leaf Blight, Fungal Leaf Spots	
Tulip	Botrytis Blight, Anthracnose	
Viburnum	Downy Mildew, Anthracnose	
Walnut, Butternut [†] , Pecan (ornamental) [†]	Bacterial Blight, Anthracnose, Yellow Leaf Blotch, Fungal Leaf Spots or Blights	Do not use for food or feed
Willow [†]	Tar Spot, Leaf Blight, Scab, Black Canker, Spot, Anthracnose	
Witchhazel [†]	Fungal Leaf Spots	
Zinnia	Alternaria Leaf Blight, Botrytis Blight	

[†] Except in California

TURF

For use on sod farms golf courses, and for professional applications to industrial and municipal turf Not for use by homeowners

Start applications when grass greens-up in spring or when disease threatens Repeat at 7 to 14 day intervals as needed Use the shorter interval and maximum rate when disease is severe or expected to be so Apply in sufficient water to provide adequate coverage

Due to the wide variation in climatic conditions, cultural practices and other factors we recommend testing tank mixtures on a small area before wide scale use Under certain circumstances this product or tank mixtures containing this product can cause discoloration to some turfgrass species and varieties including Bluegrass and annual Bluegrass (Poa) If discoloration occurs, it is usually short term and can normally be mitigated by fertilizing and mowing

Do not graze treated areas Do not use on grasses intended for grazing such as range or pasture grasses Do not feed clippings to livestock Do not use for grasses grown for seed

Note Phytotoxicity may occur depending upon varietal differences Apply recommended rate to small area and observe for 7 - 10 days for signs of injury If phytotoxicity occurs discontinue use Do not apply in spray solutions with a pH of less than 6.5

DISEASES	RATE/1000 Sq Ft	REMARKS
Helminthosporium Melting-out Rusts (leaf stem stripe)	2-4 oz	
Copper Spot Fusarium Blight, Powdery Mildew Red Thread [†] Slime Mold	2-4 oz	
Algae	2-4 oz	
Dollar Spot	2-4 oz	
Rhizoctonia Brown Patch	2-4 oz	Apply on a 7 day schedule
Pythium Blight	2-4 oz	Apply at 5 day intervals, or more frequently if conditions are especially favorable for disease development
Fusarium Snow Mold	2-4 oz	Apply at 2 to 6 week intervals during winter

[†] Except in California

GENERAL CHEMIGATION INSTRUCTIONS

(For turf and sod)

Apply Junction only through sprinkler systems including center pivot lateral move, traveler big gun, and plastic pipe solid set irrigation systems which contain no aluminum parts or components Do not apply Junction through any other type of irrigation system

Crop injury or lack of effectiveness can result from non-uniform distribution of chemigation water

If you have questions about calibration you should contact State Extension Service

*Trademark of SePRO Corporation

Specialists, equipment manufacturers or other experts Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place

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 necessary adjustments should the need arise

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 areas 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 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 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 '

This sign is in addition to any sign posted to comply with the Worker Protection Standard

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water systems 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 out of the year

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone backflow preventor (RPZ) 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 of the overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe

The pesticide injection pipeline must contain a functional automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump

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 withdrawn from the supply tank when the irrigation system is either

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automatically or manually shut down

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

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock

Do not apply when wind speed favors drift beyond the area intended for treatment

When mixing, fill nurse tank half full with water. Add Junction slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. DO NOT PRE-SLURRY Junction. Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures. Good agitation is required in the injection tank.

Junction should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set irrigation systems.

Stop injection equipment after treatment is completed and continue to operate irrigation equipment until all Junction is flushed from the system.

SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of liquid back toward the injection pump.

The pesticide injection pipeline must also 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 withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

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ATTENTION This product contains mancozeb and ETU, chemicals known to the State of California to cause cancer in laboratory animals. ETU is also known to the State of California to cause birth defects or other reproductive harm in laboratory animals.

STORAGE AND DISPOSAL

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

Pesticide Storage Store in a cool, dry place.

Pesticide Disposal Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Refillable Container Handling (rigid, 50 pounds or less) Refill this container with Junction only. Do not reuse this container for any other purpose. Triple rinsing this container is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Triple rinse as follows To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use. Return the container to the point of purchase or to a designated location. This container may only be refilled with Junction. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

Nonrefillable Container Handling (rigid, 50 pounds or less) Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after

