

US Environmental Protection Agency

Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave N W
Washington DC 20460

NOTICE OF PESTICIDE

X Registration

X Reregistration (under FIFRA as amended)

EPA Reg Number

Date of Issuance

67690-35

JUN 2 0 2012

Term of Issuance
Unconditional

Name of Pesticide Product

Junction

Name and Address of Registrant (include ZIP Code)

SePRO Corporation 11550 N Meridian St , Suite 600 Mailed to

Laurent C Mezin

Manager, Regulatory Affairs

Carmel, IN 46032

Note Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the Jabel in commerce on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency In order to protect health and the environment the Administrator on his motion may at any time suspend or cancel the registration of a pesticide in accordance with the Act The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others

EPA received a label amendment request submitted by email on 3/28/2012 EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended With this accepted labeling, all requirements set forth in the Reregistation Eligibility Decision for copper hydroxide and mancozeb have been satisfied Therefore, EPA reregisters the product listed above This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide Fungicide, and Rodenticide Act, as amended Reregistration under this section does not eliminate the need for continual reassessment of pesticides EPA may require submission of data at any time to maintain the registration of your product

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Signature of Approving Official

Date

Mary L Waller, Product Manager (21)

Mary I Waller

Fungicide Branch/Registration Division/OPP/OCSPP (7504P)

6/20/2012

Notice of Pesticide Reregistration Junction EPA Reg No 67690 35 Page 2 of 2

Submit one (1) copy of final printed labeling Amended labeling will supersede all previously accepted labels — A copy of your label stamped "Accepted" is enclosed for your records — Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label

The basic and alternate Confidential Statements of Formula (CSF) dated 4/20/2012 submitted in connection with reregistration under the Federal Insecticide Fungicide and Rodenticide Act as amended are acceptable These CSFs supersede all CSFs previously accepted for this product

If you have any questions or comments regarding this letter, please contact Robert Westin at (703) 305-5721 or via e-mail at westin robert @epa gov

Enclosure

Label stamped Accepted'
PRB Label Review DP360647 dated 2/2/2009
Acute Toxicity Review DP360668, D361087 dated 1/13/2009 mancozeb
Acute Toxicity Review DP357315 dated 10/17/2008 copper
Product Chemistry Review DP374944 dated 3/8/2010 mancozeb SS/CC
Product Chemistry Review DP373889 dated 2/16/2010 copper SS/CC
Product Chemistry Review DP360667 dated 1/26/2009 mancozeb prod chem
Product Chemistry Review DP357314 dated 11/5/2008 copper prod chem

Junction®

Fungicide/Bactericide

FPL20120410 Clean

EPA Reg No 67690-35

Registration Notes Based on submitted label with FPL20110908, FPL20120116 and FPL20120328 Amended per EPA comments of 09 April 2012

General label changes

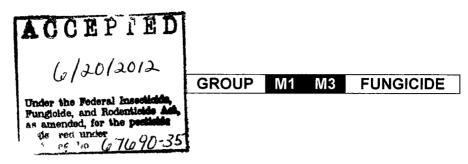
- 1 Updated FPL date
- 2 Effected changes requested by the Agency in email of 09 April 2012

[Front label for All Rigid containers 50 pounds or less]



Junction[®]

Fungicide/Bactericide Dry Flowable



A BROAD SPECTRUM FUNGICIDE/BACTERICIDE LABELED FOR USE AS A SPRAY FOR THE CONTROL OF MANY IMPORTANT PLANT DISEASES ON GREENHOUSE AND OUTDOOR ORNAMENTALS AND TURFGRASSES

Active Ingredients

Mancozeb, a coordination product of zinc ion and mai	•	
ethylenebisdithiocarbamate in which the ingredients	are	15 0%
Manganese ⁺⁺	3 0%	
Zınc ⁺⁺	0 4%	
Ethylenebisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄)	11 6%	
Copper Hydroxide (CAS# 20427-59-2)		46 1%
Other Ingredients		38 9%
TOTAL		100 0%
4		

[†] Metallic Copper equivalent 30 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	 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	 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	 Call a poison control center or doctor immediately for trea/ment 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	 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

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 Junction call INFOTRAC at 1-800-535-5053

NOTE TO PHYSICIAN Probable mucosal damage may contraindicate use of gastric lavage

Refer to the inside of label booklet for additional precautionary information and Directions for Use including First Aid and Storage and Disposal

NOTICE Read the entire label before using Use only according to label directions Before buying or using this product, read *Warranty Disclaimer*, *Inherent Risks of Use* and *Limitation of Remedies* inside label booklet

EPA Reg No 67690-35 FPL20120410	EPA Est No SPC
Manufactured for SePRO Corporation 11550 North Mer	ridian Street, Suite 600, Carmel, IN 46032, U S A
Fungicide/Bactericide	Net Contents Refillable container
	Nonrefillable container

[Label booklet text]

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to Junction are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, and other handlers must wear

- Long-sleeved shirt and long pants,
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material (except pilots, qrcundboom applicators and airblast applicators) and
- Protective eyewear

See engineering controls for additional requirements

Follow the manufacturer's instructions for cleaning/maintaining PPE If no such instruction for washables exists use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with Junction's concentrate. Do not reuse them

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR part 170 240 (d)(4-6)]

Human flagging is prohibited Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers

When handlers use closed systems enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170 240(d)(4-6)) the handler PPE requirements may be reduced or modified as specified in the WPS

USER SAFETY RECOMMENDATIONS

Users should

- Wash the outside of gloves before removing
- Wash hands before eating drinking chewing gum using tobacco or using the toilet
- Remove clothing/PPE immediately if pesticide gets inside then wash thoroughly and put on clean clothing
- Remove PPE immediately after handling Junction As soon as possible wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to product runoff that contains this product. Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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 treatment 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 of the contains requirements for training decontamination, notification, and emergency assistance of 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

48 hours without required PPE

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.
- Shoes plus socks,
- · Chemical resistant gloves made of any waterproof material and
- Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow others to enter until sprays have dried Applications to golf courses industrial (office park) and commercial (municipal) lawns and industrial commercial and municipal ornamentals are not within the scope of the Worker Protection Standard

Read all Directions for Use carefully before applying

APPLICATION INFORMATION FOR TURF AND ORNAMENTALS

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 concentrated ground or aerial sprays. Use 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 applied per acre must be the same for dilute and concentrated sprays. Add Junction slowly to water in the spray tank with agitation, or premix thoroughly in a separate holding tank for concentrate or aircraft sprayers. Use continuous agitation 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.

Application Precautions and Restrictions

- Do not apply Junction in a spray solution having a pH of less than 6 5 as phytotoxicity may occur
- Junction may be reactive on masonry and metal surfaces such as galvanized roofing 'Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furn tuve etc.
- Environmental conditions such as extended periods of wet weather acid and 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. Do not undertake tank mixing unless specifically allowed on this label. When tank-mixing always follow the most restrictive label of any tank-mix partner. Do not tank mix with any product whose labeling contains a prohibition on tank mixing.
- Do not apply Junction 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 Junction

- Apply Junction only through one or more of the following types of irrigation (chemigation) 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 Junction through any other type of irrigation system. Follow the chemigation directions in the turf and sod sections of the label below.
- Do not mix Junction with products containing diazinon fosetyl-al or other aluminumcontaining products or thiophanate-methyl because of physical incompatibility
- In selecting application equipment ensure that proper application equipment is available
 and that the waste associated with its use can be properly handled. The materials used in
 the construction of application equipment are also an important factor as pesticides often
 react destructively with soft metals such as aluminum and even some synthetic materials
 such as plastics rubbers, etc. Therefore thoroughly flush equipment containing these
 materials with clean water after each days use.
- Junction must be used only in accordance with this label

RESTRICTIONS

Foliar Applications

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.

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.

ORNAMENTALS

For outdoor or greenhouse use apply as a thorough coverage spray using 1 5 - 3 5 lbs Junction per acre Dilute spray using the higher rates when conditions favor disease One-half (1/2) tablespoon of Junction per gallon of water is equivalent to approximately 1 75 lbs of Junction 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 Maximum seasonal rate per acre is 66 7 lbs of Junction

For cut flowers and greenhouse grown ornamentals, do not exceed twenty (20) applications of Junction per year. The minimum retreatment interval for all ornamentals is 7 days.

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

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 labeled rates to the plants in question, i.e. bedding plants, foliage, etc., and observe for 7 - 10 days for symptoms of phytotoxicity.

	TABLE 1	
13 min (5 ib)		The state of the s
Crop(s)	Disease(s)	Remarks
Apple, Ornamental	Fireblight	Make a single application between
(including Crab Apple)	(Suppression)	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	Alternaria Twig Blight	
	Cercospora Blight Phomopsis	
	Needle Blight	
Ash [†]	Anthracnose	
Ash, Mountain †	Fire Blight, Fungal Leaf Spot	
	Leaf Blight Rust Scab	
Azalea	Botrytis Blight Cercospora Leaf	Discoloration of foliage and/or
	Spot, Phytophthora Twig and Bud Blight [†] Powdery Mildew	blooms has been noted on some
	Bud Bilght Powdery Mildew	varieties To prevent residues on
		commercial plants do not spray just before selling season
Banana, Ornamental	Sigatoka	Apply when leaves first appear
Bariana, Ornamentai	Olgatoka	and repeat every 14 - 21 days or
		as required Use sufficient water
		to provide adequate coverage
		The addition of a surfactant to
		spray solutions Ai'l improve
		performance
Barberry [†]	Bacterial Leaf Twig Blight	
Beech [†]	Fungal Leaf Spot	
Begonia	Bacterial Leaf Spot Botrytis	
	Blight	
Birch [†]	Leaf Blister Rust	
Bittersweet [†]	Fungal Leaf Spot	

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Camellia	Anthracnose Bacterial Leaf Spot, Petal Blight	
Carnation	Alternaria Blight Botrytis Blight, Pseudomonas Leaf Spot 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	, and the second
Chrysanthemum	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.
Cotoneaster	Botrytis Blight Fungal Leaf Spot Scab	
Currant, Alpine [†]	Anthracnose Fungal Leaf Spot	
Dahlia	Alternaria Leaf Spot Botrytis Blight Cercospora Leaf Spot	
Dogwood	Anthracnose Flower [†] and Leaf Blights [†] Fungal Leaf Spot [†] Leaf Blotch [†] Spot Anthracnose [†]	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
Elm	Anthracnose [†] Black Leaf Spot [†] and other Fungal Leaf Spots [†] Twig Blight [†] Xanthomonas Leaf Spot	
Euonymus	Anthracnose Botrytis Blight Fungal Leaf Spots [†] Scab [†] Spot Anthracnose [†]	
Fır [†]	Leaf Casts Needle and Twig Blights	
Forsythia [†]	Fungal Leaf Spot	
Geranium	Alternaria Leaf Spot Botrytis Gray Mold Cercospora Leaf Spot	(
Gladiolus	Alternaria Leaf Spot, Bacterial Leaf Blight Botrytis Gray Mold	(
Hawthorn, Indian	Anthracnose Entomosporium Leaf Spot	Use 2 5 - 5 0 lb มลr acre
Hickory [†]	Anthracnose Fungal Leaf Spot or Blotch Scab Spot Anthracnose	
Holly [†]	Algae Anthracnose, Fungal Leaf Spot Leaf and Twig Blight, Spot Anthracnose Tar Spot	
Honeysuckle [†]	Fungal Leaf Spot Herpobasidium Leaf Blight	

and the state of	A 11	
Horse Chestnut [†] ,	Anthracnose Fungal Leaf Spot	
Buckeye [†]	or Blight Leaf Blotch Spot	
	Anthracnose	
Hydrangea [†]	Botrytis Leaf and Flower Blight	
	or Gray Mold, Fungal Leaf Spot,	
	Rust	
Impatiens,	Alternaria Pseudomonas	Use 3 - 5 teaspoons per gallon
(New Guinea and	syrıngae	
standard varieties) [†]		
Juniper	Anthracnose Cercospora Leaf	
(Eastern Red Cedar)	Blight [†] Phomopsis Twig Blight [†] Rust [†]	
Laurel, Cherry	Bacterial Spot Blossom and	
Laurei, Cherry	Twig Blight Brown Rot Fungal	
	Leaf Spot	
	Lear Spot	
Lilac [†]	Bacteria Blight Phytophthora	
mild0	Blight	
Lily, Easter	Botrytis Blight	Use 4 0 - 6 5 lbs in 20 - 100
Ling, Lactor	Bott y til Bright	gallons of water per acre The
		maximum pounds of metallic
		copper which may be applied in a
		12 month period is 75 lbs /acre
		Do not apply any additional copper
		pesticide to this land for 36
		months
Lınden/Basswood [†]	Anthracnose, Fungal Leaf Spots	
	Leaf Blight Spot Anthracnose	
Magnolia	Algal Leaf Spot, Anthracnose	
	Bacterial Leaf Spot	
	Gleosporium Leaf Spot [†] , Leaf	
_	Blights	
Maple [†] _⊥	Anthracnose Fungal Leaf Spots	
Boxelder [†]	Leaf Blight or Blotch, Leaf	
	Blister Leaf Scab, Tar Spot	
Marıgold	Alternaria Leaf Spot Botrytis	Not recommended for use on
	Leaf and Blossom Blight	French Marigold as phytote cuty
	Cercospora Leaf Spot	may occur
Mulberry, Ornamental	Bacterial Blight [†] or Leaf Spot	
	False Mildew [†] Fungal Leaf	
	Spot [†]	
Oak, Laurel	Algal Leaf Spot (Cephaleuros	
	virescens), Anthracnose [†] ,	
	Fungal Leaf Spots [†] and Blights [†]	
	Leaf Blister [†] Leaf Blotch [†] Spot	
	Anthracnose [†]	
Pansy	Anthracnose, Downy Mildew	

Pear, Ornamental	Fireblight	Apply at 7 day intervals throughout the bloom period. Do not apply after bloom.
Peony	Alternaria Leaf Spot Botrytis Blight	and bloom
Periwinkle (Vinca)	Anthracnose	Apply 3 - 5 teaspoons per gallon
Photinia	Anthracnose Entomosporium Leaf Spot Powdery Mildew [†]	
Pine [†]	Dothistroma Needle Blight Lophodermium and Cyclaneusma Needle Cast Rhabdocline Needle Cast Rhizosphaera Needle Cast, Scirrhia Brown Spot and Needle Blight Sirococcus Tip Blight Sphaeropsis or Diplodia Tip Blight or Dieback	
Poplar, Aspen [†] Cottonwood	Fungal Leaf Spot Leaf Rusts Yellow Leaf Blister	
Privet [†]	Anthracnose Fungal Leaf Spots Twig Blight	
Pyracantha	Fireblight Scab	
Redbud	Cercospora and other Fungal Leaf Spots	
Rhododendron,	Alternaria Flower Spot Botrytis	
Azalea	Blight [†] Bud and Twig Blight Dieback [†] , Cercospora Leaf Spot, Fungal Leaf Spots [†] , Galls (leaf, flower and stem [†]) Ovulinia Petal [†] or Flower Blight [†] Rust [†]	
Rose	Anthracnose [†] , Black Spot Botrytis Blight [†] , Cane Blight [†] Cankers [†] Cercospora Leaf Spot Fungal Leaf Spot [†] Powdery Mildew Rust Spot Anthracnose [†]	Discoloration of foliage and/or blooms has been noted on some varieties. To prevent residues on commercial plants, do not sp ay just before selling season
Russian olive [†]	Fungal Leaf Spot	
Spathiphyllum [†] (Spathe Flower)	Anthracnose caused by Collectotrichum gloeosporioides Bacterial Leafspot, Bacterial Soft Rot Leafspot caused by Alternaria Ascochyta, Cercospora Gleosporium and Phyllosticta	

Stone fruit, Ornamental [†] (Almond, Apricot Cherry, Nectarine Peach, Plum)	Bacterial Spot Black Knot Brown Rot, Blossom and Twig Blight Botrytis Blight Fungal Leaf Spot Gray Mold Leaf Blister or Curl Plum Pockets Scab Shot Hole Witches - broom	No post-bloom application
Sumac [†]	Fungal Leaf Spots	
Sycamore [†] Plane	Anthracnose Fungal Leaf Spots	
tree [†]	Leaf Blight,	
Tulip	Anthracnose Botrytis Blight	
Viburnum	Anthracnose Downy Mildew	
Walnut, Butternut [†] , Pecan, Ornamental [†]	Anthracnose Bacterial Blight Fungal Leaf Spots or Blight Yellow Leaf Blotch	Do not use for food or feed
Willow [†]	Black Canker, Leaf Blight Scab Spot Anthracnose Tar Spot	
Witchhazel [†]	Fungal Leaf Spots	
Zinnia	Alternaria Leaf Blight, Botrytis Blight	

[†] Except in California

TURFGRASSES

For application to turfgrasses on sod farms golf courses industrial (office parks) and commercial (municipal) lawns and other similar non-residential areas which are not used as athletic fields. Not for use by homeowners. Not for use on athletic fields.

APPLICATION RESTRICTIONS

For all turfgrass uses

- The minimum retreatment interval is 10 days
- 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
- Do not apply more than 10 lbs Junction per acre (3 6 oz Junction per 1000 square feet) in a single application

Sod farms

- Harvesting of treated turf is prohibited until 5 days following application
- Do not make more than 3 applications per year

Golf Courses

- For cool season turfgrasses
 - o Greens tees, and aprons → Do not make more than 3 applications/year
 - Fairways → Do not make more than 3 applications/year
- For warm season turfgrasses
 - o Greens, tees and aprons → Do not make more than 3 applications/year
 - Fairways → Do not make more than 3 applications/year
- Aerial application is prohibited on all golf course turfgrasses

<u>Turfgrasses other than sod farms and golf courses (including industrial and commercial</u> lawns and other similar non-residential areas)

• Do not make more than 3 applications per year

Start applications when grass greens-up in spring or when disease threatens Repeat at 10 - 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. Junction or tank mixtures containing Junction can cause discoloration to some turfgrass species and varieties including Bluegrass and annual Bluegrass (*Poa annua*). If discoloration occurs, it is usually short term and can normally be mitigated by fertilizing and mowing.

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

	TABLE 2	
FOR DISĒASĒ CO	NTROL ON TURE	GRASSES A A COLOR
Disease(s)	Rate / 1,000 ft.	Remarks
Helminthosporium Melting-out Rusts	2 – 3 6 oz	
(leaf, stem, stripe)		
Copper Spot Fusarium Blight,	2 – 3 6 oz	
Powdery Mildew Red Thread [†]		
Slime Mold		
Algae	2 – 3 6 oz	
Dollar Spot	2 – 3 6 oz	
Rhizoctonia Brown Patch	2 – 3 6 oz	Apply on a 10 day schedule
Pythium Blight	2 – 3 6 oz	Apply at 10 day intervals if
		conditions are especially
		favorable for disease
		development
Fusarium Snow Mold	2 – 3 6 oz	Apply at 2 - 6 week intervals
		during winter

† Except in California

CHEMIGATION (For turf and sod only) **General Chemigation Information**

- 1 Apply Junction only through sprinkler systems including center pivot, lateral move traveler, big gun, and plastic pipe solid set system(s). Do not apply Junction through any other type of irrigation system. In California, do not apply in systems which contain aluminum parts or components.
- 2 Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of chemigation water
- 3 If you have questions about calibration, you should contact State Extension Service Specialists, equipment manufacturers or other experts
- 4 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

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public water systems are in place

- 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 necessary adjustments should the need arise
- 6 Posting of areas to be chemigated is required when
 - 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
 - when the chemigated area is open to the public such as golf courses or retail greenhouses
- 7 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

- 1 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
- 2 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 pasticide 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.
- 3 The pesticide injection pipeline must contain a functional automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump
- 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 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, 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 (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock
- 7 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.
- 9 Junction should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set irrigation systems
- 10 Stop injection equipment after treatment is completed and continue to operate irrigation equipment until all Junction is flushed from the system

Sprinkler Chemigation

- 1 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
- 2 The pesticide injection pipeline must contain a functional, automatic quick-closing check valve to prevent the flow of liquid back toward the injection pump
- 3 The pesticide injection pipeline must also contain a functional, normally closed, solenoidoperated 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
- 4 The system must contain functional interlocking controls to automatically shot 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
- 6 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 comparingle with pesticides and capable of being fitted with a system interlock
- 7 Do not apply when wind speed favors drift beyond the area intended for treatment
- 8 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

- 9 Junction should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set irrigation systems
- 10 Stop injection equipment after treatment is completed and continue to operate irrigation equipment until all Junction is flushed from the system

Spray Drift Management

A variety of factors including weather conditions (e.g. wind direction, wind speed, temperature relative humidity) and method of application (e.g. ground, aerial airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying Junction

<u>Droplet Size</u> - Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles

<u>Wind Speed</u> - Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph) and there are no sensitive areas within 250 feet downwind

<u>Temperature Inversions</u> - If applying at wind speeds less than 3 mph the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds and mancozeb. Where states have more stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates

Aerial Application

- 1 The boom length must not exceed 75% of the wingspan or 90% of the rctor blade diameter
- 2 Release spray at the lowest height consistent with efficacy and flight safe. Do not felease spray at a height greater than 10 feet above the crop canopy unless a greater height crequired for aircraft safety
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Ground Boom Application

1 Do not apply with a nozzle height greater than 4 feet above the crop canopy

ATTENTION Junction 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

.lunction® 67690-35

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 Disposal (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 Disposal (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 the flow begins to drip. Repeat this procedure two more times. Then offer for recycling (if available) or reconditioning (if appropriate) or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke

WARRANTY DISCLAIMER

SePRO Corporation warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SEPRO CORPORATION MAKE'S NOTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ASSETTION PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of Junction. Plant injury, lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall drought, tornadoes hurricanes), presence of other materials, the manner of

Junction[®] 67690-35

application, or other factors all of which are beyond the control of SePRO Corporation as the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer

LIMITATION OF REMEDIES

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from Junction (including claims based on contract negligence strict liability or other legal theories) shall be limited to at SePRO Corporation's election one of the following

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of Junction unless SePRO Corporation is notified in writing within twenty-one (21) days from the date of application of such losses or damages in writing. To the extent consistent with applicable law, SePRO Corporation shall not be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer* above and this *Limitation of Remedies* cannot be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO Corporation or the seller is authorized to vary or exceed the terms of the *Warranty Disclaimer* or *Limitation of Remedies* in any manner

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Junction is a registered trademark of SePRO Corporation

[Back/base label for ALL, Rigid containers 50 pounds or less If space on front label is adequate for the required text, repeated text on the back/base label may not be included]



GROUP M1 M3 FUNGICIDE

Junction[®]

Fungicide/Bactericide Dry Flowable

A BROAD SPECTRUM FUNGICIDE/BACTERICIDE LABELED FOR USE AS A SPRAY FOR THE CONTROL OF MANY IMPORTANT PLANT DISEASES ON GREENHOUSE AND OUTDOOR ORNAMENTALS AND TURFGRASSES

Active Ingredients

Mancozeb, a coordination product of zinc ion and mai	nganese	
ethylenebisdithiocarbamate in which the ingredients	are	15 0%
Manganese ⁺⁺	3 0%	
Zınc ⁺⁺	0 4%	
Ethylenebisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄)	11 6%	
Copper Hydroxide (CAS# 20427-59-2)		46 1%
Other Ingredients		<u>38 9%</u>
TOTAL		100 0%
† • • · · · · · · · · · · · · · · · · ·		

[†] Metallic Copper equivalent 30 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	 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	 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	 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	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

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 Junction, call **INFOTRAC** at **1-800-535-5053**

NOTE TO PHYSICIAN Probable mucosal damage may contraindicate use of gastric lavage

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER/PELIGRO

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to product runoff that contains this product. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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 Disposal (rigid, 50 pounds or less) Refill this container with pesticide 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 minu es. 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 ouring 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.

(Junction[®] 67690-35

Nonrefilable Container Disposal (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 the flow begins to drip. Repeat this procedure two more times. Then offer for recycling (if available) or reconditioning (if appropriate) or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke

Refer to the inside of label booklet for additional precautionary information and *Directions for Use* including *First Aid* and *Storage and Disposal*

NOTICE Read the entire label before using Use only according to label directions Before buying or using this product, read *Warranty Disclaimer*, *Inherent Risks of Use* and *Limitation of Remedies* inside label booklet

EPA Reg No 67690-35 FPL20120410	EPA Est No
Manufactured for SePRO Corporation 11550 North Meric	dian Street, Suite 600, Carmel, IN 46032, U S A
Fungicide/Bactericide	Net Contents Refillable container Nonrefillable container