



66222-161 6.12.2008 1/24
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Anne Stout
Product Registration
MANA, Inc.
4515 Falls of Neuse Rd, Suite 300
Raleigh, NC 27609

JUN 12 2008

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request General Label Change
EPA Reg. No. 66222-161
Application Dated May 14, 2008

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 05/14/08 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



May 13, 2008

Document Processing Desk (NOTIF)
Registration Division (7504P)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave, NW
Washington DC 20460

ATTN: Ms. Sherada Hobgood
Phone: 703-308-8893

Re: Notification per PRN 98-10
Legion 80WDG- EPA Reg. No. 66222-161

Dear Ms. Hobgood:

Makhteshim Agan of North America, Inc. is submitting a notification to fix a typographical error on page 20 of the referenced product label. Although notifying the Agency that we are fixing a typographical error is not an EPA requirement, several states require proof that we notified the Agency. The correct rate is found on Chipco's Signature label, the label we copied when we submitted the "me too" application.

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 of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make false statements 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.

In support of this submission, the following documents are attached for each product referenced:

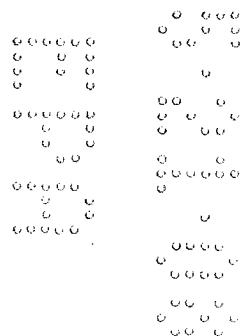
- Application for Pesticide Registration (EPA Form 8570-1)
- One copy of final printed label

Please contact me at 901-861-4400 or by email at annies@manainc.com should you have any questions.

Sincerely,

Anne Stout
Registration Specialist

Enclosures





Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-95

United States
Environmental Protection Agency
Washington, DC 20460☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 66222-161	2. EPA Product Manager Sherada Hobgood	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Legion 80WDG	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Makhteshim Agan of No. America, Inc. 4515 Falls of Neuse Rd., Suite 300 Raleigh, NC 27609 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ JUN 12 2008 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 type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40CFR 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 USC 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:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input 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 type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> 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 Anne Stout		Title Registration Specialist		Telephone No. (Include Area Code) 901-861-4400	
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 Anne Stout		3. Title Registration Specialist			
4. Typed Name Anne Stout		5. Date 5-14-08			

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NOTIFICATION

LEGION 80 WDG

JUN 12 2008

Fungicide

ACTIVE INGREDIENT:

Aluminum tris (O-ethyl phosphonate) **% BY WT.** 80.0%

INERT INGREDIENTS: 20.0%

TOTAL: 100.0%

Contains aluminum tris (O-ethyl phosphonate), the active ingredient used in ALIETTE® fungicide.
Legion 80 WDG is not manufactured or distributed by Bayer CropScience LP.

EPA Reg. No. 66222-161

EPA Est. No.

Manufactured for:

Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
RALEIGH, NC 27609

NET WEIGHT: ___ LBS.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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 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 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.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact PROSAR at 877-250-9291 for emergency medical treatment information.	

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

CAUTION. Harmful if swallowed or absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic and estuarine invertebrates. Drift and runoff may be hazardous to aquatic and estuarine organisms in neighboring areas. 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 disposing of equipment washwaters.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. 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 thoroughly with soap and water after handling and 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 this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

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 agency responsible for pesticide regulation.

This product is not to be used on home or residential sites.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval of 12 hours.

PPE required for early entry to treated areas that is permitted under the worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks
- 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.

[LABEL LANGUAGE FOR CROP USES]

Legion 80 WDG is a systemic fungicide that, when used according to the label directions and as part of good management practices programs, will control or suppress listed fungal diseases in a variety of crops.

COMPATIBILITY

Agricultural Crops: Although Legion 80 WDG has been found to be compatible with most agricultural products, crop responses to mixtures may vary due to differing crop sensitivities. For example, some foliar fertilizers and copper products are not compatible with Legion 80 WDG and a tank mix of these products with Legion 80 WDG may result in phytotoxicity to various crops. When unsure of the impact the combinations of fertilizers or other products with Legion 80 WDG may have on plants, always test for compatibility and crop phytotoxicity on a small scale before preparing these tank mixes or before applying to large areas of plants.

Stickers, spreaders, wetting agents are not recommended for use with Legion 80 WDG, but should any of these spray adjuvants be mixed with Legion 80 WDG, always test the mixture before mixing and applying to ensure compatibility. Legion 80 WDG is acidic in nature and must not be tank mixed with acid type compatibility spray adjuvants such as Buffit® Spray-aide and Triton AG-44M, or with adjuvants that aid foliar penetration such as Herbex® or Induce®.

Combination products with Legion 80 WDG can be tested for phytotoxicity by applications of the tank mixture to a few plants/trees of any specific crop, and evaluations made for signs of toxicity 3-7 days later.

Turf and Ornamentals: Some foliar fertilizers and copper-based fungicides are not compatible with Legion 80 WDG and a tank mix of these products with Legion 80 WDG may result in phytotoxicity to various plants. To avoid this phytotoxicity, apply Legion 80 WDG at least 14 days before or after an application of a copper-based fungicide, and in these spray programs, avoid applying with air blast equipment. Stickers, extenders and wetting agents must not be mixed with Legion 80 WDG. Do not tank-mix Legion 80 WDG with the following products because they are not compatible with Legion 80 WDG: Daconil 2787 Flowable Fungicide (or other registered flowable formulations containing chlorothalonil), Fore Fungicide flowable formulations (or other registered flowable formulations containing mancozeb), Bayleton® 50W (or other registered similar formulations containing triadimefon), Rubigan™ A.S. (or other registered flowable formulations containing fenamirol), Spectro™ 90WDG (or other similar registered formulations containing thiophanate-methyl and chlorothalonil).

Physical Compatibility Test: Before mixing Legion 80 WDG with any other product including but not limited to soluble concentrate or flowable formulations, conduct a physical compatibility test. Use a clear container (1 pint) and mix a small amount of spray solution by adding each component in the order and ratio as required for making large amounts of the tank-mix solution. Stir the contents and allow to settle for 5-15 minutes. Solutions that stay in suspension or can be remixed readily are considered compatible. Increased compatibility may result if a buffering agent is used.

TOLERANCE

Although Legion 80 WDG has been found to be safe to use with the species listed on this label, it is impossible to test all species or varieties under all types of growing conditions for tolerance to Legion 80 WDG. Always test for plant phytotoxicity on a small scale using the recommended rates before preparing spray solutions or applying to large areas of plants.

PREPARATION OF SPRAY SOLUTIONS

Only prepare the amount of spray solution required for one day's application.

1. Always use clean water when preparing spray tank solutions. Ensure the spray tank is clean prior to use. Add clean water to fill the tank $\frac{1}{4}$ to $\frac{1}{2}$ full.
2. With the agitator running, slowly add the required amount of Legion 80 WDG to the tank.
3. Slowly add an alkaline buffering agent when required (see **TANK MIXES**, below).
4. Fill the spray tank with the remaining amount of water and continue agitation until the application is completed.

TANK MIXES

Plant phytotoxicity from solubilized copper has been observed under several situations: 1) when products containing copper are tank-mixed with Legion 80 WDG, **OR** 2) when unbuffered Legion 80 WDG solutions are applied to plant foliage that bear copper residues from prior treatments with copper products. Do not tank-mix Legion 80 WDG with copper compounds.

In situations when copper compounds are applied **prior to** or will be applied **after** applications of Legion 80 WDG, increase the pH of the Legion 80 WDG tank solution (see Step 3 under **PREPARATION OF SPRAY SOLUTIONS** above) to 6.0 or above using an alkaline buffer. Examples of alkaline buffers include potassium carbonate (use 3 lbs. for every 5 lbs. Legion 80 WDG) and diammonium phosphate (use 5 lbs. for every 5 lbs. Legion 80 WDG). Use caution when using potassium carbonate as the buffer because it reacts during the addition to form carbon dioxide gas (CO₂). Do not seal the spray tank until all of the CO₂ gas is released, a process that usually takes about 5 minutes.

APPLICATION DIRECTIONS FOR FOLIAR SPRAYS

For systemic control of various fungal diseases, apply Legion 80 WDG according to these label directions.

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Apply Legion 80 WDG in a sufficient amount of water to ensure thorough coverage of plant foliage. The spray volumes will vary by crop and growth stage. For vegetables and small fruit, apply Legion 80 WDG by ground in spray volumes of 20 gals or more per Acre. For aerial applications to those labeled crops, apply Legion 80 WDG in spray volumes of 10 gals or more per Acre. For tree fruit, apply Legion 80 WDG until the foliage is completely wet.

APPLICATION DIRECTIONS FOR TRUNK SPRAYS AND PAINTS

Legion 80 WDG mixed with a small volume of water may be applied as a spray or paint to wounded areas of limbs or trunks of trees (refer to the Use Directions for Citrus and Stone Fruit, below, for rates and volumes). Use sufficient volumes of water to ensure thorough coverage of the area to be treated.

APPLICATION DIRECTIONS FOR SPRINKLER IRRIGATION SYSTEMS

Do not apply Legion 80 WDG through chemigation in California, except for use on Citrus.

Apply this product only through sprinkler irrigation systems including mini-sprinkler or micro-jet, drip, solid set, and center pivot. Do not apply this product through any other type of irrigation system.

SPRAY PREPARATION: Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

APPLICATION INSTRUCTIONS: A suspension of Legion 80 WDG is prepared in a mixing tank by adding $\frac{1}{2}$ to $\frac{3}{4}$ of the desired amount of water. Start the agitator and then add the required amount of Legion 80 WDG followed by the remaining volume of water. Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of Legion 80 WDG into the irrigation water line to deliver the desired rate per acre. The suspension should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. If you should have any other questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.

NOTE: For Mini-sprinkler and Drip Irrigation Systems, avoid field irrigation over the treated area for 24 to 48 hours after completion of the Legion 80 WDG treatment.

For Solid Set and Center Pivot Irrigation Systems, after completion of the Legion 80 WDG treatment, do not irrigate the treated area until the foliage has dried to prevent wash-off of the chemical from the crop.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

- Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension.
- 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 fluid 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.
- Do not apply when wind speed favors drift, when system connection or fittings leak, when nozzles do not provide uniform distribution, or when lines containing the product must be dismantled and drained.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.
- Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.

AVOCADO - NON-BEARING

Disease:	<i>Phytophthora Canker (Phytophthora citricola)</i>
Application Method:	Trunk Spray or Paint
Rate:	2.5 - 5.0 lbs product per 5 gal. water

Specific Directions: Apply Legion 80 WDG to the trunk lesion using the higher rate in a sufficient volume of water to enable a thorough wetting of the lesion. If a lesion is not present, apply to the trunk of the tree starting at the soil line and finish approximately two feet above the ground. Treat nursery tree resets and new plantings at the time of planting.

Disease: *Phytophthora Root Rot (Phytophthora cinnamomi)*

Application Method: Drench

Rate: 5.0 oz. product per 10 gal. water

Specific Directions: Apply 1 quart of solution to the pot or sleeve of each tree 2-3 days before transplanting.

Application Method: Foliar

Rate: 5.0 lbs. product per 100 gal. water

Specific Directions: Time applications to start at transplanting or the beginning of the growing season. Make up to 4 applications per year at 60-day intervals. Spray trees to run-off.

RESTRICTIONS:

- Apply only to trees that will not bear marketable fruit for 12 months after the last Legion 80 WDG application.
- Do not exceed 100 gallons per acre when making foliar applications.
- Do not allow livestock to graze on the floor of treated groves.
- Do not cut cover crops for feed.

AVOCADO - BEARING

Disease: *Phytophthora Canker (Phytophthora citricola)*

Application Method: Trunk Spray or Paint

Rate: 2.5 – 5.0 lbs product per 5 gal. water

Specific Directions: Apply Legion 80 WDG to the trunk lesion using the higher rate in a sufficient volume of water to enable a thorough wetting of the lesion. If a lesion is not present, apply to the trunk of the tree starting at the soil line and finish approximately two feet above the ground. Treat nursery tree resets and new plantings at the time of planting.

Disease: *Phytophthora Root Rot (Phytophthora cinnamomi)*

Application Method: Foliar

Rate: 5.0 lbs. product per acre

Specific Directions: Apply to run-off at the start of the growing season and repeat applications every 60 days.

Application: Foliar

Rate: 1.0 lbs. product per 100 gal. water [rate calculated from the foliar application rate of 5 lb. Legion 80 WDG per 500 gal. water per acre]

Specific Directions: Apply to run-off at the start of the growing season and repeat applications every 60 days.

NOTE: Determine the number of gallons of water needed to spray one acre of trees to run-off using your equipment. This gallonage is needed to ensure the correct amount of product is applied to the grove. If you need help in determining this gallonage, contact your equipment dealer or Cooperative Extension Service.

RESTRICTIONS:

- Pre-harvest Interval: 12 hours (harvest can be made on the same day as last application)
- Do not exceed 500 gallons per acre for foliar applications.
- Do not apply more than 5 lbs. Legion 80 WDG per acre per application or more than 20 lbs. Legion 80 WDG per acre per year.
- Do not allow livestock to graze on the floor of treated groves.
- Do not cut cover crops for feed.

CITRUS – NON-BEARING

Disease: *Phytophthora Foot and Root Rot (Phytophthora spp.)*
Application Method: Root Dip
Rate: 3.0 lbs product per 100 gal. water
Specific Directions: Dip the entire ball of root into the solution for 30-60 minutes just before planting in the field.

Application Method: Foliar (ground or air)
Rate: 5.0 lbs. product per 100 gal. water
Specific Directions: Time applications to occur when conditions support disease development. Apply in sufficient volume to ensure thorough wetting of the foliage.

Application: Foliar (Chemigation)
Rate: 5.0 lbs. product per acre
Specific Directions: Time applications to occur when conditions support disease development. Apply in sufficient volume to ensure thorough wetting of the foliage. For chemigation, add Legion WDG continuously during a scheduled irrigation.

Disease: *Phytophthora Root Rot or Gummosis (Phytophthora spp.)*
Application Method: Trunk Spray or Paint
Rate: 2.5 – 5.0 lbs. product per 5 gal. water
Specific Directions: Apply Legion 80 WDG to the trunk lesion using the higher rate in a sufficient volume of water to enable a thorough wetting of the lesion. If a lesion is not present, apply to the trunk of the tree starting at the soil line and finish approximately two feet above the ground. Treat nursery tree resets and new plantings at the time of planting.

RESTRICTIONS:

- Apply only to trees that will not bear marketable fruit for 12 months after the last Legion 80 WDG application.
- Do not exceed 100 gallons per acre when making foliar applications.
- For all application methods used, do not exceed a total of four applications or 20 lbs. product per Acre per year.
- Do not graze livestock in treated groves.
- Do not feed forage from treated groves.

NOTE: Citrus may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

CITRUS – BEARING

Diseases: *Phytophthora* Foot and Root Rot, Brown Rot (*Phytophthora* spp.)
Application Method: Foliar (ground or air)
Rate: Concentrate Spray: 5.0 lbs. product per acre
 Dilute Spray: 1.0 lbs. product per 100 gal. water [rate calculated from the foliar application rate of 5 lbs. Legion 80 WDG per 500 gal. water per acre.]

Specific Directions: Time applications to occur when conditions support disease development. Apply in sufficient volume to ensure thorough wetting of the foliage.

Disease: *Alternaria* Brown Spot (*Alternaria* spp.) - Florida only, Suppression only

Application Method: Foliar (ground or air)
Rate: Concentrate Spray: 5.0 lbs. product per acre
 Dilute Spray: 1.0 lbs. product per 100 gal. water [This rate was calculated from the foliar application rate of 5 lbs. Legion 80 WDG per 500 gal. water per acre.]

Specific Directions: *Alternaria*, the cause of brown spot is suppressed by Legion 80 WDG when applied in the spring when new growth forms. Two additional applications may be made at 30-45 day intervals. Ensure application is made in sufficient water so that foliage and fruit are thoroughly wet.

Diseases: Ice-nucleating Bacteria (*Pseudomonas syringae*, *P. fluorescens*, *Erwinia herbicola*) - California only

Application Method: Foliar (ground or air)
Rate: Concentrate Spray: 5.0 lbs. product per acre
 Dilute Spray: 1.0 lbs. product per 100 gal. water [This rate was calculated from the foliar application rate of 5 lbs. Legion 80 WDG per 500 gal. water per acre.]

Specific Directions: Application made in mid-November ensures sufficient time for the bacteria to decompose before frost conditions occur. Ensure application is made in sufficient water so that foliage and fruit are thoroughly wet. Although protection from light frost may be achieved in controlling ice-nucleating bacteria, use of Legion 80 WDG in areas where frost is severe is not recommended.

Disease: *Phytophthora* Root Rot or Gummosis (*Phytophthora* spp.)

Application Method: Trunk Spray or Paint
Rate: 2.5 – 5.0 lbs. product per 5 gal. water
Specific Directions: Apply Legion 80 WDG to the trunk lesion using the higher rate in a sufficient volume of water to enable a thorough wetting of the lesion. If a lesion is not present, apply to the trunk of the tree starting at the soil line and finish approximately two feet above the ground.

Disease: *Phytophthora* Foot & Root Rot (*Phytophthora* spp.)

Application Method: Chemigation
Rate: 5.0 lbs. product per acre
Specific Directions: Time applications to occur when conditions support disease development. Add Legion WDG continuously during a scheduled irrigation.

RESTRICTIONS:

- Preharvest Interval: 30 days
- Do not exceed 500 gallons per acre when making foliar applications.
- For all application methods used, do not exceed a total of four applications or 20 lbs. product per Acre per year.
- Do not graze livestock in treated groves.
- Do not feed forage from treated groves.

NOTE: Determine the number of gallons of water needed to spray one acre of trees to run-off using your equipment. This gallonage is needed to ensure the correct amount of product is applied to the grove. If you need help in determining this gallonage, contact your equipment dealer or Cooperative Extension Service.

NOTE: Citrus may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

MACADAMIA NUTS

Diseases: *Phytophthora*
Application Method: Raceme Blight
Rate: Foliar
 7.5 lbs. product per acre
Specific Directions: Apply at first signs of disease in sufficient volumes of water to ensure thorough coverage of foliage. Make repeat applications at 21 day intervals.

RESTRICTIONS:

- Pre-harvest Interval: 7 days
- Do not apply more than 30 lbs. Legion 80 WDG per acre per year.
- Do not allow livestock to graze on green forage or stubble.
- Do not use hay or straw for animal feed or bedding.
- Not registered for use in California on macadamia nuts.

NOTE: Tree nuts may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

POME FRUIT CROP GROUP – NON-BEARING (APPLE, CRABAPPLE, LOQUAT, MAYHAW, PEAR, ORIENTAL PEAR, QUINCE)

Disease: *Phytophthora* Collar and Root Rot (*Phytophthora spp.*)
Application Method: Root Dip
Rate: 3.0 lbs product per 100 gal. water
Specific Directions: Dip the entire ball of root into the solution for 30-60 minutes just before planting in the field.

Application Method: Foliar (ground or air)
Rate: 2.5-5.0 lbs. product per 100 gal. water
Specific Directions: Time applications to occur at 30-60 day intervals when conditions support disease development. Ensure sufficient foliage is present at time of application and ensure foliage is thoroughly wet. For moderate disease pressure, 3-4 applications at the higher rate (5 lbs.) may be made at 60 day intervals, or, optionally, 6-8 applications at the lower rate (2.5 lbs) may be made on a 30 day spray interval. Treat nursery tree resets and new plantings after leaves emerge. Wait at least 30 days after the last Fire Blight application is made before treating pome fruit to control *Phytophthora spp.*

Disease: Fire Blight (*Erwinia amylovora*)
Application Method: Foliar
Rate: 2.5 – 5.0 lbs. product per 100 gal. water
Specific Directions: Use in combination with other registered bactericides and/or sanitation methods. Time applications to occur in the spring when Fire Blight exists. Adequate foliage should be available for absorption (e.g., tight cluster). Thorough coverage is required. Reapply at 4-7 day intervals for as long as disease may develop. A fall application may be made just before leaf drop. This application may reduce inoculum in the newly forming bud tissue.

RESTRICTIONS:

- Apply only to trees that will not bear marketable fruit for 12 months after the last Legion 80 WDG application.
- Do not apply more than 5 lbs. Legion 80 WDG per acre per application or more than 20 lbs. Legion 80 WDG per acre per year.
- Do not graze livestock in floors of treated orchards.
- Do not apply more than 3.75 lbs. product (3 lbs. AI) per acre per application in the following counties of the listed states in order to protect endangered freshwater mollusks and their habitats:

IL — Adams, Pike	VA — Botetourt, Wise
MN — Washington, Winowa	VT — Windsor
OH — Washington, Wayne	WI — Crawford, Richland, Vernon
TN — Cocke	WV — Monroe

NOTE: Pome Fruit may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

**ALMONDS - NON-BEARING
AND**

STONE FRUIT CROP GROUP -NON-BEARING

(APRICOT, SWEET AND SOUR CHERRY, NECTARINE, PEACH, PLUM, CHICKASAW PLUM, DAMSON PLUM, JAPANESE PLUM, PLUMCOT, FRESH PRUNE)

Disease: *Phytophthora* Collar and Root Rot (*Phytophthora* spp.)
Application Method: Foliar
Rate: 5.0 lbs product per 100 gal. water
Specific Directions: Time applications to begin when conditions support disease development. Make repeat applications at 60 day intervals. Treat nursery tree resets and new plantings after leaves emerge.

Disease: *Almond pruning-wound canker* (*Phytophthora syringae*)
Application Method: Paint or spray
Rate: 3.0 - 5.0 lbs. product per 100 gal. water
Specific Directions: Apply Legion 80 WDG as a paint or spray at the site of the fresh pruning cut. For situations where active canker lesions exist, use the higher rate. **Small volumes (equivalent to 3-5 lbs. product per 100 gal. water):** mix 0.5 to 0.8 oz. product (3.0 to 4.5 level tablespoons) in one gallon of water.

RESTRICTIONS:

- Apply only to trees that will not bear marketable fruit for 12 months after the last Legion 80 WDG application.
- Do not apply more than 5 lbs. Legion 80 WDG per acre per application or more than 20 lbs. Legion 80 WDG per acre per year.
- Do not exceed 100 gallons per acre when making foliar applications.
- Do not make more than four applications per year.

NOTE: These trees may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

BLUEBERRY

Diseases: *Phytophthora* Root Rot (*Phytophthora* spp.)
 Anthracnose Fruit Rot (*Colletotrichum gloeosporioides*)
 Alternaria Fruit Rot (*Alternaria tenuissima*) – SUPPRESSION ONLY
 Phomopsis Canker (*Phomopsis* spp.) – SUPPRESSION ONLY

Application Method: Foliar
Rate: 5.0 lbs. product per acre
Specific Directions: Time applications to occur in the spring at the pink bud stage. Use a sufficient volume of water to ensure a thorough coverage of the foliage. Make repeat applications at 14-21 day intervals.

RESTRICTIONS:

- Pre-harvest Interval: 12 hours (harvest can be made on the same day as last application)
- Do not apply more than 20 lbs. Legion 80 WDG per acre per year.
- Do not apply in less than 10 gallons of water per acre.
- Do not make more than four applications per year.
- Not registered for use in California on blueberries.

NOTE: Fruit may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

CANEBERRY SUBGROUP (*Rubus*, spp.)
(CULTIVARS AND/OR HYBRIDS OF BLACKBERRY, LOGANBERRY, RED AND BLACK RASPBERRY)

Disease: *Phytophthora* Root Rot (*Phytophthora* spp.)

Application Method: Foliar

Rate: 5.0 lbs. product per acre

General Directions: For new plants, begin applications when 1-3 inches of new growth are observed. For established plants, wait until conditions are favorable for onset of disease (such as high soil moisture and cool temperatures). Apply in sufficient volume of water to provide a thorough coverage of foliage and fruit.

Directions West of the

Rocky Mountains: Make fall applications when conditions support disease development. If needed, make repeat applications 3-4 weeks after the first application. Make spring applications after bud break (when 1-3 inches of new growth are observed). A second application may be made if needed 3-4 weeks after the first application.

Directions for East of

the Rocky Mountains: Make spring applications after bud break (when 1-3 inches of new growth are observed). Up to four repeat applications may be made at 45-60 day intervals.

RESTRICTIONS:

- Pre-harvest Interval: 60 days
- Make up to four applications per year only if severe disease pressure occurs.
- Make the last fall application 30 days before leaf drop.

NOTE: Fruit may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

CRANBERRY

Disease: *Phytophthora* Root Rot (*Phytophthora* spp.)

Application Method: Foliar

Rate: 5.0 lbs. product per acre

Specific Directions: Time applications to begin when conditions support disease development. Make repeat applications at 30 day intervals.

RESTRICTIONS:

- Pre-harvest Interval: 3 days
- Do not apply more than 20 lbs. Legion 80 WDG per acre per year.
- Do not apply in less than 10 gallons of water per acre.
- Do not make more than four applications per year.
- Not registered for use in California on cranberries.

NOTE: Fruit may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

GRAPES – EAST OF THE ROCKY MOUNTAINS ONLY

Disease: Grape Downy Mildew (*Plasmopara viticola*.)

Application Method: Foliar

Rate: 3.0 - 5.0 lbs. product per acre

Specific Directions: Time applications to begin when conditions support disease development. Use in a sufficient volume of water to ensure a thorough uniform coverage of foliage. Make repeat applications at 21 day intervals. Use the lower rate if Legion 80 WDG is tank-mixed with another fungicide labeled to control grape Downy Mildew.

RESTRICTIONS:

- Pre-harvest Interval: 15 days
- Do not apply in less than 10 gallons of water per acre.
- Do not make more than 7 applications per year.
- Not registered for use in California on grapes.

NOTE: Fruit may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

STRAWBERRY

Disease: Red Stele (*Phytophthora fragariae*)
Application Method: Root Dip
Rate: 2.5 lbs product per 100 gal. water
Specific Directions: Dip the roots and crowns into the solution for 15-30 minutes and plant within 24 hours. Use for both annual and perennial strawberries.

Application Method: Foliar
Rate: 2.5-5.0 lbs. product per acre
Specific Directions: **Annuals:** Time applications to occur 14-21 days after planting. Make repeat applications at 30-60 day intervals while disease conditions exit. **Perennials:** Apply in the spring when plants begin to actively grow. Make repeat applications if needed at 30-60 day intervals. The combination of higher rates (4.0 to 5.0 lbs./A), shorter reapplication intervals (30 days), and the maximum number of allowed applications should be used for Red Stele-susceptible varieties or when disease pressures are heavy.

Disease: Leather Rot (*Phytophthora cactorum*)
Application Method: Foliar
Rate: 2.5 - 5.0 lbs. product per Acre
Specific Directions: Time applications to occur between 10% bloom and early fruit set. Make repeat applications at 7-14 day intervals for as long as disease may develop. The combination of higher rates (4.0 to 5.0 lbs./A), shorter reapplication intervals (7 days), and the maximum number of allowed applications should be used when disease pressures are heavy.

RESTRICTIONS:

- Pre-harvest Interval: 12 hours (harvest can be made on the same day as last application)
- Do not apply more than 30 lbs. Legion 80 WDG per acre per year.
- Do not apply using fixed or rotary aircraft.
- Do not apply more than 3.75 lbs. product (3 lbs. AI) per acre per application in the following counties of the listed states in order to protect endangered freshwater mollusks and their habitats:

AR — White	MN — Houston, Washington
IL — Whiteside	MS — Monroe
IA — Scott	MO — Franklin, Jefferson
IN — Knox	NH — Cheshire, Sullivan
LA — Livingston, Rapides	NC — Granville, Johnston
MD — Caroline, St. Mary's	OH — Washington
KY — Campbell, Marshall, Rockcastle, Todd, Warren	
WI — Iowa, St. Croix, Trempealeau	

NOTE: Strawberries may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

ASPARAGUS — FOR USE ONLY IN CALIFORNIA

Disease: Asparagus Spear Slime and Crown Rot (*Phytophthora spp.*)
Application Method: Foliar
Rate: 5.0 lbs. product per acre
Specific Directions: Make a single application to fully expanded asparagus ferns. Do not apply when ferns begin to senesce. Use a sufficient volume of water to ensure a thorough coverage of the foliage.

RESTRICTIONS:

- Pre-harvest Interval: 110 days
- Do not exceed 50 gallons per acre.

BRASSICA CROP GROUP

(BROCCOLI, BROCCOLI RAAB (RAPINI), BRUSSELS SPROUTS, CABBAGE, CHINESE BROCCOLI (GAI LON), CHINESE CABBAGE (BOK CHOY), CHINESE CABBAGE (NAPA), CHINESE MUSTARD CABBAGE (GAI CHOY), CAULIFLOWER, CAVALO BROCCOLO, COLLARDS, KALE, KOHLRABI, MIZUNA, MUSTARD GREENS, MUSTARD SPINACH, RAPE GREENS)

Disease: Downy Mildew (*Peronospora parasitica*)

Application Method: Foliar

Rate: 2.0 - 5.0 lbs. product per acre

Specific Directions: Time applications to begin when conditions support disease development. Use sufficient volume of water to ensure a thorough uniform coverage of foliage. Use the 3.0-5.0 lbs/A rate for applications of Legion 80 WDG alone. Make repeat applications at 7-21 day intervals. Use the lower rate (2.0-3.0 lbs./A) if Legion 80 WDG is tank-mixed with another fungicide (not copper) labeled to control downy mildew. The combination of higher rates and shorter reapplication intervals may be used when disease pressures are moderate to heavy.

RESTRICTIONS:

- Pre-harvest Interval: 3 days
- Do not make more than 7 applications per year.
- Do not apply in less than 10 gallons of water per acre.

NOTE: Vegetable crops may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

CUCURBIT CROP GROUP

(CHINESE WAXGOURD, CITRON MELON, CUCUMBER, GHERKIN, GOURD (EDIBLE), MOMORDICA SPP (BALSAM APPLE, BALSAM PEAR, BITTER MELON, CHINESE CUCUMBER), MUSKMELON, PUMPKIN, SUMMER AND WINTER SQUASH, WATERMELON)

Diseases: Downy Mildew (*Pseudoperonospora cubensis*)
Phytophthora Root and Fruit Rot (*Phytophthora spp.*)

Application Method: Foliar

Rate: 2.0 - 5.0 lbs. product per acre

Specific Directions: Time applications to begin when conditions support disease development. Use sufficient volume of water to ensure a thorough uniform coverage of foliage. Use the 3.0-5.0 lbs/A rate for applications of Legion 80 WDG alone. Make repeat applications at 7-14 day intervals. Use the lower rate (2.0-3.0 lbs./A) if Legion 80 WDG is tank-mixed with another fungicide (not copper) labeled to control downy mildew. The combination of higher rates and shorter reapplication intervals may be used when disease pressures are moderate to heavy. **NOTE:** Moderate suppression of whitefly (*Bemisia spp.*) populations is obtained when Legion 80 WDG is used to control Downy Mildew and Phytophthora Root and Fruit Rot. In order to heavy infestations of whitefly, the use of a registered insecticide is recommended.

RESTRICTIONS:

- Pre-harvest Interval: 12 hours (harvest can be made on the same day as last application)
- Do not apply more than 7 applications per year.
- Do not apply more than 3.75 lbs. product (3 lbs. AI) per acre per application in the following counties of the listed states in order to protect endangered freshwater mollusks and their habitats:

AL — Hale, Jackson, Lauderdale, Marshall,

Morgan, Washington

AR — Clay, Craighead, Lawrence, Mississippi,

St. Francis, Saline, Sharp, White, Woodruff

IL — Gallatin, Mercer, Whiteside

IA — Allamakee, Louisa, Muscatine

IN — Knox

KY — Hart, Logan, Marshall, Warren

LA — Rapides, St. Helena

MD — Caroline

MN — Chisago, Washington

MS — Monroe

MO — Butler, Cedar, Dunklin, Franklin,

Jefferson, Ripley, St. Louis

NC — Franklin, Granville, Johnston

Nash, Pitt

OH — Williams, Washington

TN — Blount, Lincoln

VA — Botetourt

VT — Windsor

NOTE: Vegetable crops may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

LEAFY VEGETABLES (EXCEPT BRASSICA VEGETABLES) CROP GROUP

(AMARANTH, ARUGULA (ROQUETTE), CARDOON, CELERY, CELERY (CHINESE), CELTUCE, CHERVIL, CHRYSANTHEMUM (EDIBLE LEAVED, GARLAND), CORN SALAD, CRESS (GARDEN, UPLAND), DANDELION, DOCK (SORREL), ENDIVE (ESCAROLE), FENNEL (FLORENCE), LETTUCE (HEAD AND LEAF), ORACH, PARSLEY, PURSLANE (GARDEN, WINTER), RADICCHIO (RED CHICORY), RHUBARB, SPINACH, SPINACH (NEW ZEALAND AND VINE), SWISS CHARD)

Diseases: Downy Mildew (*Bremia lactucae*, *Peronospora spp.*)
White Rust (*Albugo occidentalis*) – SPINACH ONLY

Application Method: Foliar

Rate: 2.0 - 5.0 lbs. product per acre

Specific Directions: Time applications to begin when conditions support disease development. Use sufficient volume of water to ensure a thorough uniform coverage of foliage. Use the 3.0-5.0 lbs/A rate for applications of Legion 80 WDG alone. Make repeat applications at 7-21 day intervals. Use the lower rate (2.0-3.0 lbs./A) if Legion 80 WDG is tank-mixed with another fungicide (not copper) labeled to control downy mildew. The combination of higher rates and shorter reapplication intervals may be used when disease pressures are moderate to heavy.

RESTRICTIONS:

- Pre-harvest Interval: 3 days
- Do not make more than 7 applications per year.
- Do not apply in less than 10 gallons of water per acre.

NOTE: Vegetable crops may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

ONIONS (DRY BULB)

Diseases: Downy Mildew (*Peronospora destructor*)
Purple Blotch (*Alternaria porri*)

Application Method: Foliar

Rate: 2.0 - 3.0 lbs. product per acre

Specific Directions: Use Legion 80 WDG as part of a preventive disease control program. Time applications to begin when disease conditions, such as high humidity and cool evening temperatures, exist. Make repeat applications at 7-14 day intervals. The combination of higher rate (3.0 lb./A) and shorter reapplication interval (7 day) may be used when disease is present at the time of application.

RESTRICTIONS:

- Pre-harvest Interval: 7 days
- Do not make more than 7 applications per year.
- Do not apply by air in less than 10 gallons/A or by ground in less than 20 gallons/A.

NOTE: Onions may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

TOMATO

Diseases: Root Rot (*Phytophthora spp.*)
Damping Off (*Pythium spp.*)

Application Method: Foliar

Rate: 2.5 - 5.0 lbs. product per acre

Specific Directions: Time applications to begin when direct seeded tomato plants reach the 2-4 leaf state of growth, or optionally, immediately after transplanting to the field. Use a sufficient volume of water to ensure a thorough uniform coverage of foliage. Make repeat applications at 7-14 day intervals. The combination of higher rates (4.0 - 5.0 lb./A) and a shorter reapplication interval (7 day) may be used when moderate disease pressure occurs.

RESTRICTIONS:

- Pre-harvest Interval: 14 days
- Do not apply more than 20 lbs. Legion 80 WDG per acre per year.
- Do not apply in less than 10 gallons of water per acre.
- Do not apply more than 3.75 lbs. product (3 lbs. AI) per acre per application in the following counties of the listed states in order to protect endangered freshwater mollusks and their habitats::

AL — Jackson, St. Clair

CA — Sonoma

IA — Louisa, Muscatine, Scott

IL — Mercer, Rock Island, White, Whiteside

IN — Knox

KY — Campbell, Green, Kenton, Wayne

LA — Rapides

MD — Caroline, Queen Anne's, St. Mary's, Talbot

MO — Butler, Jefferson, St. Louis

NC — Granville, Johnston

OH — Williams

TN — Cocke, Davidson, Grainger, Gundy, Hamilton, Knox, Meigs, Rhea, Sumner

NOTE: Tomatoes may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

BANANA

Disease: Root Disease Complex

Application Method: Foliar

Rate: 6.0 lbs. product per acre per application

Specific Directions: Use Legion 80 WDG over the course of the year. Make no more than 4 applications at 90 day intervals.

Application Method: Pre-Flowering Pseudostem Injection

Rate: 6.0 lbs. product per acre per year

Specific Directions: To calculate the correct unit dosage required, divide the per acre rate by the number of production units per year. Use a self-refilling injector (e.g., Duomat™ Injector) to inject the unit dosage dissolved in water into the pseudostem of plants that are ready to flower.

Application Method: Post-harvest Pseudostem (Stump) Injection

Rate: 6.0 lbs. product per acre per year

Specific Directions: To calculate the correct unit dosage required, divide the per acre rate by the number of production units per year. Use a self-refilling injector (e.g., Duomat™ Injector) to inject the unit dosage dissolved in water into the pseudostem (stump) that remains after the banana bunch is harvested (within one week after harvest). Make injections 3 feet above the ground.

RESTRICTIONS:

- Pre-harvest Interval for Foliar Applications : 0 days
- Pre-harvest Interval for pseudostem injections : 1 days
- Do not apply in less than 5 gallons of water per acre.

Not registered for use in California on bananas.

GINSENG

Diseases: *Phytophthora Foliar and Root Rot (Phytophthora cactorum)*
Alternaria Leaf Blight (Alternaria panax) – SUPPRESSION ONLY

Application Method: Foliar

Rate: 5.0 lbs. product per 100 gal. of water

Specific Directions: Time the first application to occur in the spring when conditions support disease development. Make repeat applications at 7 day intervals as needed.

RESTRICTIONS:

- Pre-harvest Interval: 31 days
- Do not make more than 9 applications per year.
- Do not apply in less than 100 gallons of water per acre.

NOTE: Ginseng may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

HOPS

Disease: Hop Downy Mildew (*Pseudoperonospora humuli*)

Application Method: Foliar

Rate: 2.5 lbs. product per acre

Specific Directions: Time the first application to occur in the spring when disease conditions, such as high humidity and warm temperatures, exist. Use a sufficient volume of water to ensure a thorough uniform coverage of foliage. Directed foliar applications should be made at the followings times: when shoots are 6-12 inches high, when trained vines are 5-6 feet tall, approximately three weeks after the 2nd application and during the blooming period.

RESTRICTIONS:

- Pre-harvest Interval: 24 days
- Do not apply more than 10 lb. product per acre per year.
- Do not feed hop refuse to animals.
- Do not make applications by air.
- Not registered for use in California on hops.

NOTE: Hops may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

PINEAPPLE

Disease: Heart Rot (*Phytophthora parasitica*)

Application Method: Dip

Rate: 2.5 lbs product per 100 gal. water

Specific Directions: Dip into the solution immediately prior to planting. NOTE: A solution of 100 gal. treats enough slips to plant one acre.

Application Method: Foliar

Rate: 3.75 lbs. product per 100 gal. water

Specific Directions: Time the first application to occur when disease conditions, such as excessive rainfall, exist. Use a sufficient volume of water to ensure a thorough uniform coverage of foliage. Make repeat applications at 90 day intervals

RESTRICTIONS:

- Pre-harvest Interval: 90 days
- Do not apply more than 6 applications per season.
- Do not apply in more than 400 gallons of water per acre

NOTE: Pineapple may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

TOBACCO

Disease: Blue Mold (*Peronospora tabacina*)
Application Method: Foliar – greenhouse, planthouse, outdoor transplant beds
Rate: 0.5 lbs product per 50 gal. water
Specific Directions: Make applications of Legion 80 WDG before or at first signs of Blue Mold and repeat applications every 5-7 days. Do not make more than 2 applications. Do not apply more than 0.6 lb product per 1000 sq. ft. per application or more than 1.2 lb product per 1000 sq. ft per season.

NOTE: Phytotoxicity (leaf burn) will occur in greenhouse plants if Legion 80 WDG is washed into the root zone or float water when insecticides such as the neonicotinoids (Group 4A; ex. imidacloprid) are used at the same time. **THE USER ASSUMES ALL RISKS WITH USE OF THIS PRODUCT IN THE GREENHOUSE.**

Follow these directions for use carefully to avoid crop damage.

Use low volume sprays: for small plants, use 3 gal of spray solution per 1000 sq. ft.; for larger plants, use 12 gal. of spray solution per 1000 sq. ft. Cover the foliage with spray but do not allow sprays to reach the soil or float water.

Irrigate the day after application: This delay allows the Legion 80 WDG to be absorbed into the plant through the foliage sprays. If an insecticide which must reach the soil to be active must be used, apply that product before the Legion 80 WDG application.

Application Method: Foliar (ground or air) – field applications
Rate: 2.5 – 4.0 lbs. product per acre
Specific Directions: Time the first application to occur immediately after transplanting to the field. Make repeat applications at 7-10 day intervals. **Do not exceed 4 lbs product per acre per application or 20 lbs product per acre per season.**

Immediately after transplanting, make applications in a minimum of 20 gal. per acre and increase this spray volume each week (typically by 20 gallons per acre) as the tobacco grows. Do not exceed 100 gallons per acre. To ensure thorough, uniform coverage of the canopy foliage, adjust the nozzles on the tractor-mounted boom sprayer as needed. Additional nozzles should be added as the plants increase in size and as the spray volumes increase.

Use the low rate (2.5 lb.) for 1) control under light disease pressure, 2) tank mixes of Legion 80 WDG and another fungicide registered for use on tobacco to control Blue Mold, or 3) spray programs in which Legion 80 WDG will be applied multiple times. The higher rate (4.0 lb) may be used in other situations not mentioned under the low rate or when moderate to heavy disease is present.

NOTE: Reduced canopy penetration and coverage occurs when Legion 80 WDG is applied by air and may not produce desired efficacy. Use air applications only when it is not possible to make ground applications.

RESTRICTIONS:

- Pre-harvest Interval: 3 days
- Do not apply more than 2 applications to greenhouse/transplant beds or more than 5 field applications per season.
- Do not apply by air in less than 10 gallons of water per acre.
- To avoid phytotoxicity, do not use on shade tobacco.
- Not registered for use in California on tobacco.

NOTE: Tobacco may be sensitive to combinations of Legion 80 WDG with other products, especially copper, adjuvants, and foliar fertilizers or to unbuffered Legion 80 WDG application to foliage bearing copper residues. Crop sensitivity to particular combinations should be determined by spraying a small area of crop foliage and/or fruit and evaluating treated area in 3 to 7 days for adverse effects. Carefully read the sections above on Tank Mixes, Phytotoxicity and Compatibility.

LABEL LANGUAGE FOR TURF AND ORNAMENTAL USES**ORNAMENTALS AND BEDDING PLANTS**

Legion 80 WDG controls diseases caused by

- Pythium and Phytophthora in ornamentals and bedding plants grown in field nursery, greenhouse, landscaping and conifer nursery situations, and
- downy mildew and fire blight in ornamentals.

Legion 80 WDG suppresses bacterial blight caused by certain pathovars of *Xanthomonas campestris*.

Time applications to occur before signs of disease appear. Use Legion 80 WDG along with good cultural management practices. To avoid plant injury, follow these label directions and do not apply Legion 80 WDG above the recommended rates or at shorter spray intervals than recommended in this label.

ORNAMENTALS

Application Method: Foliar
Typical Ornamentals: Aglaonema, Aphelandra, Azalea, Bougainvillea, Boxwood, *Cattelya skinneri*, Cissus, Dieffenbachia, Hibiscus, Juniper, Leather-leaf Fern, Pittosporum, Philodendron, Pothos, Rhododendron, Spathiphyllum, Taxus media
Rate: 2.5 – 5.0 lbs. product per 100 gal water
Specific Directions: Apply Legion 80 WDG to wet the foliage. Use a rate of 2.5-5.0 lb product/A when applying in spray volumes of less than 100 gal./A. Do not exceed 400 gals. of spray solution per acre. Make repeat applications as needed but not more often than every 30 days.

Application Method: Drench
Typical Ornamentals: Aphelandra, Azalea, Boxwood, Cissus, Dieffenbachia, Japanese Holly, Juniper, Monterey Pine, Philodendron, Pieris, Pittosporum, Rhododendron, Schefflera, Spathiphyllum, Taxus media
Rate: 0.4 - 0.8 lbs. product (6.4 - 12.8 oz.) per 100 gal. water
Specific Directions: Apply spray solution to 400 sq. ft. (2 pts solution per sq. ft.) of plants. Make repeat applications as needed but not more often than every 30 days.

Application Method: Soil Incorporation - to control Phytophthora species only
Typical Ornamentals: Azalea, Pieris, or Rhododendron
Rate: 0.5 - 0.8 lbs. product (8 - 12.8 oz.) per cubic yard of soil
Specific Directions: Mix product with soil immediately before potting. Soil incorporate only to plants with an established root system. Foliar or drench applications may be made when disease development is expected, but do not apply more often than every 30 days.

BEDDING PLANTS

Application Method: Foliar
Typical Ornamentals: Begonia, Pansy, Vinca, Marigold, Zinnia, Petunia, Geranium, Impatiens
Rate: 1.25 - 4.0 lbs product per 100 gal. water
Specific Directions: Apply Legion 80 WDG to wet the foliage. Do not exceed 400 gals. of spray solution per acre. Make repeat applications as needed but not more often than every 14 days.

TANK MIXES FOR ORNAMENTAL AND BEDDING PLANTS

Legion 80 WDG is compatible with most commonly used fungicides. Legion 80 WDG will provide control of additional diseases (such as Aerial Web Blight, Alternaria Leaf Blight, Botrytis Blight, Fusarium Leaf Spot, Helminthosporium Leaf Spot, and Ray Blight) when tank-mixed with other fungicides such as CHIPCO® 26019 fungicide or other iprodione-containing fungicides. Consult the label of the tank-mix product for use directions, the diseases controlled, and application rates. When another fungicide is used in combination with Legion 80 WDG, follow all label directions for the use of the other product. Make applications at the recommended rate for control of the target disease organism.

Refer to the section above on Compatibility for a list of products that can not be tank-mixed with Legion 80 WDG.

CONIFER NURSERIES*

Disease: Phytophthora Root Rot
Application Method: Dip
Typical Conifers: Douglas firs, spruce and pines
Rate: 2.5 lbs product per 100 gal. water
Specific Directions: Thoroughly wet plant and roots by dipping into the Legion 80 WDG solution immediately prior to transplanting
NOTE: During the dipping process, users must wear chemical/water resistant gloves, goggles or face shield, long pants (coveralls), long sleeved shirt, and shoes plus socks.

Disease: Phytophthora Root Rot
Application Method: Foliar
Typical Ornamentals: Douglas firs, spruce and pines
Rate: 2.5 - 5.0 lbs product per 100 gal. water
Specific Directions: Apply Legion 80 WDG to wet the foliage. Use a rate of 2.5-5.0 lbs/A when applying in spray volumes of less than 100 gal./A. Do not exceed 400 gals. of spray solution per acre. Make repeat applications as needed but not more often than every 30 days.

*Not registered for use in California.

ROSES

Disease: Downy Mildew (*Peronospora sparsa*)
Application Method: Foliar - Field, container, landscape, miniature varieties
Rate: 2.5 lbs product per 100 gal. water
Specific Directions: Apply Legion 80 WDG to wet the foliage. Use a rate of 2.5-5.0 lbs /A when applying in spray volumes of less than 100 gal./A. Do not exceed 400 gals. of spray solution per acre. Make repeat applications as needed but not more often than every 7 days.
NOTE: Use Legion 80 WDG in combination with a sanitation program designed to prevent the spread of this disease to healthy plants.

FIRE BLIGHT – SUPPRESSION ONLY

Typical Ornamentals: Ornamental pear, pyracantha, hawthorn
Application Method: Foliar
Rate: 2.5 lbs product per 100 gal. water
Specific Directions: Apply Legion 80 WDG to wet the foliage. Use a rate of 2.5-5.0 lbs /A when applying in spray volumes of less than 100 gal./A. Do not exceed 400 gals. of spray solution per acre. Applications must be made early (start at pre-bloom) to prevent Fire Blight infection. Make repeat applications as needed until blooming ends, but not more often than every 7 days.
NOTE: Use Legion 80 WDG in combination with a sanitation program designed to prevent the spread of this disease to healthy plants.

BACTERIAL BLIGHT – SUPPRESSION ONLY*

Disease: *Xanthomonas campestris* pathovars *hederae*, *dieffenbachiae*, *syngonii*, and *fici* – Suppression Only
Typical Ornamentals: English ivy, schefflera, anthurium, dieffenbachia, spathaphyllum, syngonium, and ficus
Application Method: Foliar
Rate: 2 - 4 lbs product per 100 gal. water
Specific Directions: Apply Legion 80 WDG to wet the foliage. Use a rate of 2.5-5.0 lb/A when applying in spray volumes of less than 100 gal./A. Do not exceed 400 gals. of spray solution per acre. Make repeat applications as needed but not more often than every 7 days.
NOTE: Use Legion 80 WDG in combination with a sanitation program designed to prevent the spread of this disease to healthy plants. Read the section on "Compatibility" and the use of Legion 80 WDG with copper fungicides or other compounds. *Not registered for use in California.

TURF – LEGION 80 WDG ALONE

Diseases: Pythium diseases including blight and root rot
 Yellow Tuft
Application Method: Foliar
Typical Sites: Turf grass on golf courses, sod farms, commercial turf areas
 Not for use on home or residential turf
Rate: 4.0 oz. product per 1000 sq. ft., 14-day intervals
Rate: 8.0 oz. product per 1000 sq. ft., 21-day intervals
Specific Directions: Apply Legion 80 WDG in 1 to 5 gallons of water per 1000 sq. ft. Agitate solutions during the spray operations. Calibrate equipment before making application. Use in a season-long program to control listed diseases by applying when conditions favor disease. Make repeat applications at the spray interval listed based on use rate. Allow the foliage to dry before watering or mowing treated areas.

RESTRICTIONS:

- Do not graze animals on treated turf.
- Do not feed clippings from treated turf to livestock and poultry.

TURF – LEGION 80 WDG AND TANK-MIX PARTNERS

Application Method:	Foliar
Typical Sites:	Turf grasses on golf courses, sod farms, industrial and municipal turf areas Not for use on home or residential turf
Spray Intervals:	14 days
Diseases:	Summer Stress Complex/Summer Decline (<i>Pythium</i> , <i>Anthracnose</i> , <i>Rhizoctonia</i> spp.) AND/OR Anthracnose (<i>Colletotrichum graminicola</i>)
Tank-Mix Products:	Rate (oz. product per 1000 sq. ft.)
Legion 80 WDG	4.0 – 8.0
Plus	plus
26GT	3.0 – 4.0
or	or
Manicure™ DG	3.3
or	or
Dithane® T/O	3.3
or	or
Protect T/O	8.0
or	or
Mancozeb DG	8.0
or	or
Fore® WP	4.0 – 8.0
or	or
Heritage®	0.2 – 0.4
or	or
Banner® MAXX®	1.0 – 2.0
or	or
ProStar® 70WP	1.5 – 3.0

Diseases: Bentgrass Deadspot (*Ophlosphaerella agrostis*)

Tank-Mix Products: **Rate (oz. product per 1000 sq. ft.)**

Legion 80 WDG	4.0
Plus	plus
Fore® Rainshield™	8.0
or	or
Daconil Ultrex®	3.2

Specific Directions: Use the most restrictive of label limitations for Legion 80 WDG or tank-mix partner. Always apply at the recommended rates. Do not mix with products that prohibit such mixing. Apply in 1 to 5 gallons of water per 1,000 sq ft. Agitate solutions during the spray operations. Calibrate equipment prior to use. Repeat at recommended intervals. Allow foliage in treated areas to dry before watering or mowing. To improve the control of anthracnose, use Legion 80 WDG in a preventative, multi-application program in which applications begin prior to outbreak of the disease. To improve the control of deadspot, use Legion 80 WDG in a preventative, multi-application program in which applications begin prior to outbreak of the disease and when conditions favor development of the disease.

NOTE: When used in turf management programs, Legion 80 WDG promotes turf that is thick and vigorous and tolerant to such stress factors as heat and humidity. This healthy grass is less susceptible to diseases and other turf pests such as weeds and algae.

RESTRICTIONS:

- Do not graze animals on treated turf.
- Do not feed clippings from treated turf to livestock and poultry.

The following fungicides are known to be compatible with Legion 80 WDG and any one may be used in place of products listed above for use as a tank-mix with Legion 80 WDG to control Summer Stress Complex:

Bayleton® 50*	Eagle	Pentathlon®
Cavalier 50WSB	Echo® 90DF	Pentathlon® DF
Cavalier Flowable	Echo® Flowable	Revere™ 4000
Chlorostar	Endorse™	SysStar®
Cleary's 3336™ WP*	Fluid Fungicide	SysTec® 1998
Cleary's 3336™ F*	Fungo® Flo	SysTec® 1998 WDG
Compass™	Fungo® 50 WSB	Systhane® WSP
Concorde™ DF	MANhandle™	Terrachlor® 75WP and 400*
Concorde™ SST	Manicure™ 6 Flowable	Terraguard® 50W
Consyst	Manicure™ T/O Flowable	Terrazole 35% WP
Curalan® EG	Manicure™ Ultrex®	Touche EG
Daconil® Weather Stik®*	Medallion®	Turfcide®400
Daconil ZN® Rainshield NT™		TwoSome™ Flowable Fungicide

NOTE: When preparing spray tank mixtures, add these products to the spray tank and allow complete dispersion in water before adding Legion 80 WDG.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container and keep tightly closed. 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.

CONTAINER DISPOSAL:

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.

Bags: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

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