

70845-1

8/11/2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 11 2005

Environ Intercontinental, Ltd.
410 Leonard Blvd. N. #3
Lehigh Acres, FL 33971

AGENT: Brazos Associates, Inc.
1806 Auburn Drive
Carrollton, TX 75007-1451

Attention: Maria K. Jackson

Subject: Environ 4 H20
EPA Registration No. 70845-1
Your Notification Dated July 13, 2005

This will acknowledge receipt of your notification under items #1, #2 and #3 of your cover letter dated July 13, 2005, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable with the exception of item #4. This information has been added to your file.

Please note that the additional brand name "Rain Forest Blue" listed as item #1 on your cover letter of July 13, 2005 has been accepted by the Agency. Items #2 and #3 of your cover letter dated July 13, 2005 have been accepted. Item #4 of your cover letter dated July 13, 2005 indicates specific directions for use that must be handled under the Amendment process.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely



Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510C)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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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 70845-1	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Environ 4 H2O	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Environ Intercontinental, Ltd. 410 Leonard Blvd. N. #3 Lehigh Acres, FL 33971 <input type="checkbox"/> Check if this is a new address	6. Expedited Review . In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

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

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

Notification to add: 1) Alternate Brand Name of "Rain Forest Blue"; 2) Optional directions for use rate application that does not affect the required label dilution rate of 0.5 to 1.0 ppm metallic copper; 3) Optional heading "Swimming Pool Water" under directions for use; and 4) Specific directions for use headings that would be used for both commercial and residential labels. 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 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 maybe 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
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
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 Marla K. Jackson		Title Agent for Environ Intercontinental, Ltd		Telephone No. (Include Area Code) 972-939-8390	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 			3. Title Agent for Environ Intercontinental, Ltd.		
4. Typed Name Marla K. Jackson			5. Date 7/13/2005		

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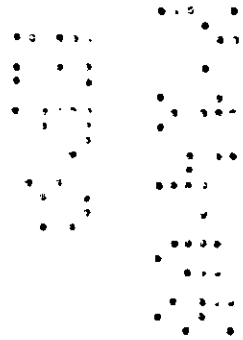
Brazos Associates, Inc.®

1806 Auburn Drive • Carrollton, Texas 75007-1451
Phone: 972-939-8390 • Facsimile: 972-939-8370

By Overnight Delivery

July 13, 2005

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7510C)
Antimicrobial Division
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1801 South Bell Street
Arlington, VA 22202-4501



Attn: Mr. Marshall Swindell
Product Manager 33

Subject: *Label Notification*
Environ 4 H₂O
EPA Reg. No. 70845-1

Dear Mr. Swindell:

On behalf of our client, Environ Intercontinental, Ltd. and with respect to the above referenced product registration, please find enclosed a notification to add: 1) Alternate Brand Name of "Rain Forest Blue"; 2) Optional directions for use rate application that does not affect the required label dilution rate of 0.5 to 1.0 ppm metallic copper; 3) Optional heading "Swimming Pool Water" under directions for use; and 4) Specific directions for use headings that would be used for both commercial and residential labels. This notification is being filed in accordance with PR-Notice 98-10. One copy of the product labeling with the changes underscored is enclosed.

Should you have any questions or require additional information please do not hesitate to contact us.

Sincerely,

Marla K. Jackson
Agent for Environ/Intercontinental, Ltd.

Enclosure as noted

cc: Mr. Fred Richter - Environ Intercontinental, Ltd.

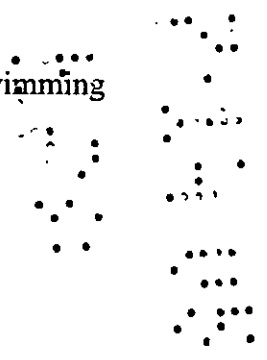
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[FRONT LABEL PANEL - MASTER LABEL]

Rain Forest Blue

[Optional proposed text appears in brackets - the final label may include some or all of the optional text]

- [● A Better Way to Maintain Your Pool]
- [● The Solution is Clear!]
- [● Bacteriacide & Algacide for Hot Tubs & Outdoor Spas]
- [● Swimming Pool Bacteriacide Algacide]
- [● For suppression of odors and toxic gases in feed lot sewage lagoons, animal confinement facilities and pits.]
- [● Rain Forest Blue is used to control bacteria and algae in potable water supplies including hot tubs, outdoor spas and swimming pools]
- [● Non-Flammable]



ACTIVE INGREDIENT:
 Copper as Metallic* 5.0%

OTHER INGREDIENTS: 95.0%

TOTAL: 100.0%

* From Copper Sulfate Pentahydrate (0.5 lbs. Copper per Gallon)

**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).

See Back/Side Label Panel for Additional Precautionary Statements

Net Contents _____

[BACK/SIDE LABEL PANEL- MASTER LABEL]

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

DANGER: Corrosive. Causes irreversible eye damage. Do not get in eyes, or on clothing or skin. Wear protective eyewear (safety glasses), protective clothing and chemical resistant gloves. Wash thoroughly with soap and water before eating, drinking or use of tobacco. Harmful if swallowed, inhaled or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse.

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by 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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

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

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[BACK/SIDE LABEL PANEL- MASTER LABEL]

USER SAFETY RECOMMENDATIONS

Users should remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Direct application of Rain Forest Blue to water may cause a significant reduction in populations of aquatic invertebrates, plants and fish. Do not treat more than one-half of a lake or pond at one time in order to avoid depletion of oxygen from decaying vegetation. Allow 1 to 2 weeks between treatments for oxygen levels to recover. Trout and other species of fish may be killed at application rates recommended on this label, especially in soft or acidic waters. Do not contaminate water when disposing of equipment washwaters. Consult your local State Fish and Game Agency before applying this product to public waters. Permits may be required before treating such waters.

For Emergency Assistance or Troubleshooting call: 1-239-303-0076

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.

Application and handling equipment **MUST** consist of either fiber, fiberglass, PVC's, polypropylenes, viton, most plastics, aluminum or stainless steel. Never use mild steel, nylon, brass or copper around full strength Rain Forest Blue. Always rinse equipment free and clean of Rain Forest Blue each night with plenty of fresh, clean water.

AGRICULTURE USE REQUIREMENTS

Use this product only in accordance with its labeling and with Workers 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 (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

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, waterproof gloves, shoes plus socks, and protective eyewear.

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[BACK/SIDE LABEL PANEL- MASTER LABEL]

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.

Do not enter treated areas without protective clothing until sprays have dried.

NOTE: The following "Storage and Disposal" Statements will be Used for Product Packaged for Commercial-Use:

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in a safe place away from pets and children. Store in original container only. Always store above 32^oF and away from excessive heat. Freezing may cause product separation. In case of spill, neutralize with limestone or baking soda. May deteriorate concrete.

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: 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.

NOTE: The following "Storage and Disposal" Statements will be Used for Product Packaged for Residential-Use:

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry area, inaccessible to children and pets.

DISPOSAL: **If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

[BACK/SIDE LABEL PANEL- MASTER LABEL]

NOTE: The following "Directions for Use" will be Used for Product Packaged for Residential-Use:

DIRECTIONS FOR USE

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

FOR SWIMMING POOLS, HOT TUBS AND OUTDOOR SPAS

Rain Forest Blue is used to control bacteria & algae in hot tubs, outdoor spas & swimming pools.

Swimming Pools:[Swimming Pool Water:] For algae/bacteria control, apply in the spring or early summer when algae/bacteria first appear. The dosages are variable, and depend upon algae/bacteria species, water hardness, water temperature, amount of algae/bacteria present as well as whether water is clear, turbid, flowing or static. Preferably, the water should be clear with temperatures above 60°F (15.6°C). Higher dosages are required at lower water temperatures, higher algae/bacteria concentrations and for hard waters. Applications should be done by pouring Rain Forest Blue directly from the container into the swimming pool. Several application points speed up dispersal. Can be used for pools with marble dust or marcite finishes.

Treated sealed pool effluent should not be discharged where it will drain into lakes, streams, ponds, or public water.

Apply at the rate of (2-4) quarts of Rain Forest Blue per 60,000 gallons (8,000 cu.ft.). This will yield a rate of from .5 ppm to 1.0 ppm metallic copper. Application should be made before visible algae appear. Where visible algae are present, apply at the higher rate.

[Apply at a rate of .5 to 1 ounce Rain Forest Blue per 450 gallons of water (or any dilution ratio that will yield the .5 to 1.0 ppm metallic copper required label rate). This will yield a rate of .5 to 1.0 ppm metallic copper. Pre-dilute Rain Forest Blue in a bucket and disperse evenly around the pool. If visible algae is present, a higher dose of Rain Forest Blue may be required to overcome the problem. Slowly raise copper to 1 ppm until algae is overcome.]

For maintenance dosages and where visible algae are not present, use the lower rate. Repeat maintenance dosages to maintain the recommended concentration and avoid excessive buildup of metallic copper.

Rain Forest Blue may be used to help control pool odors and algae during the winter months. Maintain the higher rate while the pool is not being used during the winter.

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[BACK/SIDE LABEL PANEL- MASTER LABEL]

Hot Tubs & Outdoor Spas: Start with a clean spa & filter. Balance the Total Alkalinity & pH as necessary, and apply 3 teaspoons of Rain Forest Blue per 250 gallons spa water to yield 0.6-0.8 ppm copper. Do not overdose. (Test & adjust for balanced water & copper content with Rain Forest Blue 3-way test strips). Test weekly & adjust as needed to maintain balanced levels of Total Alkalinity, pH & copper. Adjust water hardness with Hardness Increaser & Hardness Test Strips as needed. Shock spa water weekly with non-chlorine (MPS) shock per shock label directions. Drain and refill spa every 3-4 months.

NOTE: The following "Directions for Use" will be Used for Product Packaged for Commercial-Use:

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.

ADDITIONAL USE SITES

Rain Forest Blue is an innovative and unique formulation used for the suppression of bacterial odors and toxic gases in sewage lagoons, feedlot runoff pits, animal confinement facilities, and other ponds containing organic matter or algae/bacteria. Rain Forest Blue may also be used to control algae, bacteria and pond weed in irrigation reservoirs, ponds, and potable water supplies.

Useful formulas for calculating water volume and flow rates:

Multiply the water volume in cubic feet times 7.5

Note: 1 C.F.S./Hr. = 27,000 gallons

1 Acre foot = 326,000 gallons

General Bacterial Odor Control: Application rates may vary depending on amounts of organic matter (sewage) in lagoons and pits. Applications should be done by pouring Rain Forest Blue directly from the container into the pit or lagoon. Several application points speed up dispersal. Use one gallon of full strength Rain Forest Blue in 60,000 (8,000 cubic feet) of sewage. For fastest results disperse Rain Forest Blue evenly throughout sewage. Bacterial odors should be noticeably reduced in 12 weeks. Repeat application when odors occur.

Feedlot Runoff Lagoons: Add a portion of the required dosage of Rain Forest Blue at several locations around the lagoon to speed dispersion of the product. A minimum of two applications per year (spring and fall) is recommended. Additional applications may be required as needed or when the lagoon is pumped.

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[BACK/SIDE LABEL PANEL - MASTER LABEL]

Animal Confinement Pits: If pits are located under the confinement buildings, add Rain Forest Blue directly to these pits. If the pits are outside, add Rain Forest Blue to transfer line to the pit.

Other Organic Sludges: Rain Forest Blue must be thoroughly mixed with sludge. Apply at the rate of one gallon Rain Forest Blue in 30,000 gallons of sludge.

General Algae/Bacteria Control: For algae/bacteria control, apply in the spring or early summer when algae/bacteria first appear. The dosages are variable, and depend upon algae/bacteria species, water hardness, water temperature, amount of algae/bacteria present as well as whether water is clear, turbid, flowing or static. Preferably, the water should be clear with temperatures above 60°F (15.6°C). Higher dosages are required at lower water temperatures, higher algae/bacteria concentrations and for hard waters. Applications should be done by pouring Rain Forest Blue directly from the container into the lakes, ponds, reservoirs, and irrigation canals. Several application points speed up dispersal. Static water requires less chemical for algae/bacteria control than does flowing water.

Use higher dosages for chara, natelli and filamentous algae (pond scum) and lower dosages for platonic algae.

If there is uncertainty about the dosage, begin with a lower dose and increase until control is achieved, or until the maximum allowable level has been reached.

Treatment of algae can result in oxygen loss from the decomposition of dead algae. This loss can cause fish suffocation. If the algae covers more than one-third of the total water area, treat in sections. Treat one-third to one-half of the water area in a single operation and wait for 10 to 14 days between treatments. Begin treatment along the shore and proceed outward in bands to allow fish to move into untreated areas. In regions where ponds freeze in winter, treatment should be done 6 to 8 weeks before expected freeze time to prevent masses of decaying algae under an ice cover.

Trout and certain other species of fish may be harmed at recommended application rates, especially in soft or acidic waters. Before treating bodies of water, consult proper state authorities, such as the fisheries commission or conservation department to obtain any necessary permits.

In Lakes, Ponds and Reservoirs: For fastest results disperse Rain Forest Blue evenly throughout the pond. Apply at the rate of one pint Rain Forest Blue in 7,500 - 300,000 gallons. For best results, apply to warm still water on a sunny day when algae are near the surface. For potable water systems, do not exceed the total dosage of one gallon in 60,000 gallons of water (1ppm metallic copper).

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[BACK/SIDE LABEL PANEL - MASTER LABEL]

Other Odor Control: As an odor control for floors and walls use 1oz. of Rain Forest Blue to 6 gallons of water and spray over affected area.

FRUITS AND NUTS

Mixing Instructions: Fill the spray tank $\frac{1}{2}$ full of water and with agitator running, add the required amount of Rain Forest Blue. Add water to fill the spray tank $\frac{3}{4}$ full and when a spreader sticker cleared for applications to growing crops is recommended, add the recommended amounts. Fill the spray tank and keep agitator running until spraying is completed.

When dosage rates are given, use lower rate when infestation is from low to moderate and higher rate when infestation is from moderate to high.

Almonds: Brown Rot and Shot Hole - conventional dilute spray, use $\frac{1}{3}$ to $\frac{1}{2}$ gallons in 100 gallons of water and apply 350 to 400 gallons per acre. Bud sprays for control of Brown Rot and Shot Hole should be applied at pink bud through popcorn stage.

Do not spray after trees are in leaf. As a dormant spray for control of Brown Rot and Shot Hole, apply December 15 to January 15. Concentrate spray - Use $\frac{5}{6}$ to 1 gallon and apply as above in 25 to 50 gallons of water per acre. NOTE: Use 1 gallon per acre through swelling buds and $\frac{5}{6}$ gallon per acre in popcorn stage. With aerial spray during the dormant season for control of Brown Rot and Shot Hole, apply $1\frac{1}{3}$ - 2 gallons per acre in 20 gallons of water.

Apricots: Brown Rot Blossom Blight and Shot Hole - conventional dilute spray, use $\frac{1}{3}$ to $\frac{1}{2}$ gallons per 100 gallons of water. As a dormant spray for control of Shot Hole disease apply November 15 to January 15. Bud sprays for control of Brown Rot should be applied through swelling buds popcorn stage. Do not spray when trees are in leaf.

Concentrate spray - Use 1 to $1\frac{1}{6}$ gallons per acre and apply as above. NOTE: Use $1\frac{1}{6}$ gallons per acre through swelling buds and reduce 1 gallon in popcorn stage. When bud blight is a problem, apply the maximum rate shown above after most of leaves have fallen in the fall, usually November and December but ahead of fall rains.

Avocados: Anthracnose, Blotch and Scab - Use $\frac{1}{3}$ gallon per 100 gallons of water. Begin treatment when blossom buds open. Repeat at 4 week intervals for a total of 5 applications. Do not apply later than 140 days after bloom.

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[BACK/SIDE LABEL PANEL - MASTER LABEL]

Berries (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries): Anthracnose - Use $\frac{1}{3}$ gallon per 100 gallons of water. Begin spray when leaf buds begin to open. Repeat when flower buds show white and continue at 10 to 14 days intervals. Leaf and Cane Spot and Yellow Rust - in spring sprays use - $\frac{1}{3}$ gallon per 100 gallons of water and apply when leaf buds begin to open and repeat when flower buds show white. Also make a postharvest spray after pruning, but before fall rains begin to fall use $\frac{2}{3}$ gallon per 100 gallons of water.

Cherries (Sour): Brown Rot, Blossom Blight - Use $\frac{2}{3}$ to $\frac{5}{6}$ gallons per 100 gallons of water. Apply at popcorn and late bloom stages. In late bloom spray add 5 lbs. hydrated lime per 100 gallons spray. For Leaf Spot apply $\frac{2}{3}$ to $\frac{5}{6}$ gallons plus 5 lbs. hydrated lime per 100 gallons applied at petal fall. For Shot Hole - Use $\frac{2}{3}$ to $\frac{5}{6}$ gallons per 100 gallons of water and apply as a dormant spray.

Citrus: Brown Rot - Use $1\frac{1}{3}$ pints per 100 gallons of water. Apply at first indication of rain or first appearance of Brown Rot. Repeat as needed to protect during wet weather. For Melanose, Scab, Greasy Spot and Pink Pitting of grapefruit - Use 1 to 2 pints per 100 gallons of water by dilute spray. With aerial or concentrate sprayers apply $1\frac{2}{3}$ to $4\frac{1}{3}$ gallons per acre diluted to the proper concentration with water as recommended for the specific type sprayer used. Do not use less than 10 gallons of spray per acre. For Scab control, make two applications, one just before trees begin to flush and repeat at $\frac{2}{3}$ petal fall. Repeat 4 weeks later if necessary. For Greasy Spot and Pink Pitting make a summer spray about July 15.

Sulfur may be included to sprays for Melanose and Scab. CAUTION: Do not apply in areas where copper injury is known to occur.

Grapes: Anthracnose, Black Rot, Downy Mildew - dilute spray. Use $\frac{1}{6}$ gallon per 100 gallons of water. Make first application when new growth is $\frac{1}{2}$ inch long and repeat every 10 to 14 days. Concentrate spray - Use $\frac{1}{3}$ to $\frac{1}{2}$ gallon per acre in sufficient water for good coverage and apply as stated above.

Olives: Leaf Spot (Peacock Spot) - Use $\frac{1}{3}$ to $\frac{1}{2}$ gallons per 100 gallons of water and apply in late October. NOTE: In areas with 10 inches or less rainfall per year, use only $\frac{1}{6}$ gallon per 100 gallons. Concentrate sprays use 1 gallon per acre in not less than 40 gallons of water. Read and follow above note on rainfall limitation.

Peaches and Nectarines: Brown Rot Blossom Blight, Peach Blight (Shot Hole), and Leaf Curl - dilute spray. Use $\frac{1}{3}$ to $\frac{1}{2}$ gallons per 100 gallons of water. Concentrate spray - Use 1 to $1\frac{1}{3}$ gallons in 25 to 50 gallons of water per acre. As a Dormant spray for Leaf Curl and Peach Blight (Shot Hole) apply November 15 to December 15 before fall rains begin. Bud sprays for Brown Rot and Peach Blight (Shot Hole) should be applied before swell and in full pink bud stage. Do not apply after pink bud or after trees are in leaf as injury may occur.

[BACK/SIDE LABEL PANEL - MASTER LABEL]

NOTE: To control Leaf Curl application must be made before the foliage buds swell. Consult your State Agricultural Experiment Station. **California Only:** For Blight and Leaf Curl control - Use $1\frac{1}{3}$ to $1\frac{2}{3}$ gallons in 20 gallons of water. May be applied by aircraft to one acre during the dormant season. For Peach Bacterial Diseases - Apply $\frac{1}{3}$ gallon per 100 gallons of water and apply during dormant season.

Pears: Fire Blight - Use $5\frac{1}{3}$ fluid ounces per 100 gallons of water. Apply 400 gallons per acre to give $\frac{1}{2}$ lb metallic copper per acre. Concentrate spray - Use $\frac{1}{6}$ gallon per acre in sufficient water for good coverage. Apply at 10% bloom and repeat at 5 to 7 day intervals during bloom. Do not use on D'Anjou, Comice, or Secket varieties.

Plums and Prunes: Brown Rot Blossom Blight, Shot Hole - Use $\frac{1}{3}$ to $\frac{1}{2}$ gallons per 100 gallons of water. For Shot Hole control, apply as a dormant spray in November or December before heavy fall rains begin. For Brown Rot control, apply at early green bud and full popcorn stages. Concentrate spray - Use 1 gallon in 25 to 50 gallons of water and apply to one acre. **California Only:** For aircraft spray to control Shot Hole and Brown Rot Blossom Blight - Apply $1\frac{1}{3}$ to $1\frac{2}{3}$ gallons in 20 gallons of water and apply to one acre during the dormant season.

Walnuts: Blight - Use $\frac{1}{3}$ to $\frac{1}{2}$ gallons per 100 gallons of water. Make two treatments, the first in early prebloom (1% pistillate, not catkin, blooms showing) and the second when 10% to 20% pistillate, not catkin, blooms are showing. Repeat applications for Blight control 3 or 4 times during growing season if necessary.

Strawberries: Leaf Spot - Use $\frac{1}{3}$ to $\frac{1}{2}$ gallons per 100 gallons of water. Apply prebloom and postbloom.

NOTE: Overspraying may cause injury to tender foliage of peaches, almonds, apricots and some Japanese plums.

VEGETABLES AND FIELD CROPS

Mixing Instructions: Mix recommended amount of Rain Forest Blue given for one acre in sufficient water for good coverage. With dilute ground sprayer, generally apply 100 to 150 gallons spray per acre. With concentrate sprayer, generally apply 20 to 50 gallons spray per acre. With aerial sprayers generally apply 5 to 10 gallons spray per acre, but do not apply less than 5 gallons spray mixture per acre. Consult the manufacturer for recommended water volumes per acre for a given sprayer.

Beans (Green and Dry): Angular Leaf Spot, Anthracnose, Bacterial Blight, Downy Mildew - Use $\frac{1}{6}$ to $\frac{1}{2}$ gallon per acre. Begin treatment when plants are about 5 inches tall and repeat at 5 to 7 day intervals.

[BACK/SIDE LABEL PANEL - MASTER LABEL]

Beets: Downy Mildew, Leaf Blights, Leaf Spots - Use $\frac{1}{3}$ gallon per acre. Begin when disease first appears and repeat every 7 to 10 days.

Sugar Beets: Cercospora Leaf Spot - Use $\frac{2}{3}$ gallon per acre. Begin when disease first appears and repeat every 7 to 10 days.

Broccoli, Cabbage, Cauliflower: Downy Mildew, Leaf Spots - Use $\frac{1}{3}$ gallon per acre. Begin when plants or above ground in plant bed or before disease normally appears. Repeat at 7 to 10 day intervals in plant bed and field.

Carrots: Downy Mildew, Cercospora and, Alternaria Leaf Blights - Use $\frac{1}{3}$ gallon per acre. Begin treatment when disease first appears and repeat at 7 to 10 day intervals.

Celery: Bacterial Blight, Early and Late Blight - Use $\frac{1}{3}$ gallon per acre. Treat every 7 days after emergence.

Cucurbits (Cantaloupes, Cucumbers, Melons, Pumpkins, Squash): Angular Leaf Spot, Anthracnose, Alternaria Leaf Spot, Bacterial Wilt, Downy and Powdery Mildews, Gummy Stem Blight, Leaf Spot, Scab - Use $\frac{1}{3}$ gallon per acre. Begin treatment when plants begin to vine and repeat every 7 to 10 days. Since the disease is likely to be more serious in high plant populations (40,000 or more plants per acre) spray every 3 to 4 days to protect fruit at all stages of development. NOTE: A ground application after planting, but before emergence, may help decrease infections of Angular Leaf Spot, Anthracnose, and Alternaria Leaf Spot. Then follow above schedule after emergence. NOTE: Some Agricultural Experiment Stations recommend equal amount of hydrated lime when used on cucurbits. Lime when applied to cucurbits may cause dwarfing of plants and reduce fruit set due to increased transpiration and defloration under some conditions. Consult your local Experiment Station for specific recommendations.

Eggplant: Alternaria Blight, Anthracnose, Phomopsis - Use $\frac{1}{3}$ gallon per acre. Begin in plant bed or in field before disease appears. Repeat at 7 to 10 day intervals.

Onion: Purple Blotch and Downy Mildew - Use $\frac{1}{3}$ gallon per acre. Begin when plants are 4 to 6 inches and repeat at 7 to 10 day intervals.

Peppers: Anthracnose, Bacterial Leaf Spot, Early Blight, Cercospora Leaf Spot (Frogeye Spot), Downy Mildew - Use $\frac{1}{3}$ to $\frac{1}{2}$ gallon per acre. Start sprays in seedbed and continue in field at 7 day intervals. NOTE: Disease control is critical during fruiting.

Potatoes: Early and Late Blights - Use $\frac{1}{2}$ to $\frac{2}{3}$ gallon per acre. Begin when plants emerge and repeat at 7 to 10 day intervals.

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[BACK/SIDE LABEL PANEL - MASTER LABEL]

Peanuts: Cercospora Leaf Spot - Use $\frac{1}{4}$ to $\frac{1}{2}$ gallon per acre. Repeat at 10 to 14 day intervals.
NOTE: The addition of 2 Lbs flowable sulfur in a tank mix will enhance Leaf Spot control.

Spinach: Anthracnose, Cercospora Leaf Spot, Downy Mildew, White Rust - Use $\frac{1}{3}$ gallon per acre. Begin when disease first appears. Repeat at 7 to 10 day intervals.

Tomatoes: Anthracnose, Bacterial Spot, Bacterial Canker, Early and Late Blight, Leaf Mold, Nailhead Rust, Septeria and Stemphylium Leaf Spot - Use $\frac{1}{3}$ to $\frac{1}{2}$ gallon per acre. Begin in seedbed or field before disease appears. Repeat at 7 to 10 day intervals. **NOTE:** While the labeled rate is particularly effective against Bacterial Spot, a tank mix with Maneb used at the labeled rates controls a broad range of tomato diseases. Observe all cautions and limitations on the label of all products used in mixtures.

Limited Warranty and Limitation of Remedies

Seller warrants that the product conforms to the chemical description and is reasonably fit for the purpose stated on the label for use under normal conditions, but makes no other warranties or FITNESS OF MERCHANTABILITY expressed or implied, or any other warranty if the product is used contrary to the label instructions, or under normal conditions not foreseeable to the seller. In no case shall the seller be liable for more than the cost of this product to the buyer, and will in no event be liable for any consequent, special or indirect damage connected with the use or handling of this product. This product is offered and the buyer or user accepts it subject to the foregoing terms.

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EPA Est. No. 70845-FL-001

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