67572-82

5/15/2008



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES 1/2

Kim Davis, Agent for Contract Packaging, Inc. c/o RegWest Company, LLC 30856 Rocky Road Greeley, CO 80631-9375

MAY 1 5 2008

SUBJECT: Revised Labeling in Response to Agency Letter Dated February 25, 2008 CPI Chlorothalonil Multipurpose Fungicide EPA Reg. No. 67572-82 Your Resubmission Dated April 4, 2008

Dear Ms. Davis:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is accepted:

If you have any questions regarding this correspondence, contact Rose Kearns of my staff by phone at 703-305-5611 or via email at <u>kearns.rosemary@epa.gov</u> or myself at 703-308-9443 or via email at <u>kish.tony@epa.gov</u>.

Sincerely,

Jourfesh

Tony Kish (Product Manager Team 22 Fungicide Branch Registration Division (7505P)

Enclosure

CPI Chlorothalonil Multipurpose Fungicide

Concentrate

For Residential Use

Only For Outdoor Úse

Water Based

MAY 1 5 2008 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 67

ACCEPTE

Makes up to 64 Gallons Diluted Spray {pint} Makes up to 128 Gallons Diluted Spray (quart)

Controls Diseases on: Shrubs, Vegetables, Fruit Trees, Flowers and Shade Trees Controls Diseases – Leaf Spots, Rust, Blights, Fruit Rots, Mildews, Scab, Molds, etc. on Vegetables, Fruit Trees, Flowers, Shrubs and Shade Trees

Controls/Stops & Prevents over 80 [80+] Diseases on Vegetables, Fruits, Roses, Flowers, **Shrubs and Trees/Ornamentals Controls/Prevents/Stops Garden Diseases**

Active Ingredient:	
Chlorothalonil (CASNo.1897-45-6)	29.6%
Other Ingredients	70.4 <u>%</u>
Total	100.0%
Contains 2.88 pounds Chlorothalonil per gallon	

Peel open for use directions and further information. Open resealable label for directions and precautions. Pull here to open label. Press to reseal.

> Keep Out of Réach of Children WARNING See back panel [booklet] for additional precautionary statements.

EPA Reg. No. 67572-82

EPA_Est. 67572-GA-1

Net [Contents]: 1 pint [1 quart]

Manufactured by: Contract Packaging, Inc. 10115 Highway 142 North Covington, GA 30014 {website}

{Booklet}

	Product Usage		
Controls/Prevents/ Stops Diseases	Leaf Spots, Rust, Blights, Fruit Rots, Mildews, Scab, Molds {or select others from use directions}		
Use On	Vegetables, fruits, roses, flowers, shrubs, trees and ornamentals {or select others from use directions}		
Dilution Rates Vegetables (depending on crop/disease): 1½ tsp to 1 Tbs per gallon of water Fruits (depending on fruit/disease): ¾ tsp to 2¼ tsp per gallon of water Ornamentals: 2¼ tsp to 3 Tbs per gallon of water Conifers: 1½ tsp to 3 Tbs per gallon of water			

Ornamental Diseases

Cercospora, Phytophthora Die-back, Ovulinia Flower Blight, Leaf Blotch, Scab, Anthracnose, Fabraea Leaf Spot, Rhizoctonia Web Blight, Powdery Mildew, Rust, Botrytis, Alternaria Leaf Spots, Branch Rot, Septoria Leaf Spot, Black Spot, Helminthosporium Leaf Spot, Botrytis Gray Mold (foliar phase), Phytophthora Blight, Ascochyta Blight, Cylindrosporium Leaf Spots, Cercosporidiium, Marssonina Leaf Spot, Fabraea (*Entomosporium*) Leaf Spot, Taphrina Blister, Actinopelte Leaf Spot, Monilinia Blossom/Branch Blight & many more listed inside.

Vegetable Diseases

Rust, Botrytis Blight (Gray Mold), Alternaria Leaf Spot, Downy mildew, Ring Spot, Cercospora (Early) Blight, Alternaria (Late) Blight, Septoria (Late) Blight, Basal Stalk rot, Pink Rot (Suppression), Helminthosporium Leaf Blight, Anthracnose, Target Spot, Scab, Purple Blotch, Botrytis Vine Rot, Gray Leaf Spot, Gray Leaf Mold, Rhizoctonia Fruit Rot, Gummy Stem Blight (Black Rot), Botrytis Leaf Blight (Blast), Cercospora Leaf Spot & many more listed inside.

Fruit Diseases

Peach Leaf Curl, Coryneum Blight (Shothole), Cherry Leaf Spot, Brown Rot, Blossom Blight, Scab & more listed inside.

DIRECTIONS FOR USE

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

[Shake Well Before Using]

Read Entire Label and Use Strictly in Accordance with Label Precautionary Statements and Directions.

tsp = teaspoon Tbs = Tablespoon

Readily mixes with water and can be used in a hand-held, hose-end or tank-type sprayer. Shake well before using. Fine spray required for proper coverage; use a hose-end sprayer for best results.

Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle and high schools), campgrounds, churches and theme parks. Do not apply this product in a way that will contact other persons or pets, either directly or through drift. Keep people and pets off treated areas until dry.

Vegetable Diseases

Apply the amount of concentrate in the table below in one gallon of water to cover 200 sq ft (10' x 20'). Thoroughly spray to cover all plant surfaces. **Note:** Avoid spraying plants during extremely hot and sunny weather. Do not apply to wilted plants. Do not graze treated areas or feed treated plant parts to animals.

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Diseases Controlled	Amount of Concentrate	Application Notes	PHI*
Rust, Botrytis Blight (Gray Mold)	1 Tbs	Start spraying at first sign of disease. Apply every 7 days to maintain control.	7
Alternaria Leaf Spot, Downy Mildew	1½ tsp	Start spraying when conditions favor disease, after transplanting or when sprouts appear. Apply every 7 to 10	0
Ring Spot	2 tsp	days.	
Cercospora (Early) Blight, Alternaria (Late) Blight	2 tsp	Start spraying at first sign of disease. Apply every 7 to 10 days to maintain control	0
Cercospora (Early) Blight, Septoria (Late) Blight Basal Stalk Rot,	1½ tsp 1 Tbs	Start spraying after transplanting. Apply every 7 days.	7
Pink Rot (suppression) Helminthosporium Leaf Blight, Rust	2 tsp	Start spraying when conditions favor disease. Apply every 7 to 10 days to maintain control. Do not apply to corn if you plan to process it.	14
Anthracnose, Downy Mildew, Target Spot Scab, Gummy Stem Blight (Black Rot), Leaf Blight,	2 tsp 1 Tbs	Start spraying when plants are in the first true leaf stage or when conditions favor disease. Apply every 7 days to maintain control.	0
Powdery Mildew (except Southwestern states)			
Botrytis Leaf Blight (Blast), Purple Blotch, Downy Mildew	1 Tbs	Start spraying at first sign of disease. Apply every 7 to 10 days. Do not use more than 3 times per season.	14
		Start spraying at first sign of disease. Apply every 7 to 10	7
Early Blight, Late Blight, Botrytis Vine Rot	1½ tsp	Start spraying when plants are 6 inches high or at first sign of disease. Apply every 5 days to maintain control.	0
Early Blight, Late Blight, Gray Leaf Spot, Gray Leaf Mold, Septoria Leaf Spot, Anthracnose, Alternaria Fruit Rot (Black Mold),	1 Tbs	Start spraying when conditions favor disease. Apply every 7 to 10 days to maintain control	0
	Rust, Botrytis Blight (Gray Mold) Alternaria Leaf Spot, Downy Mildew Ring Spot Cercospora (Early) Blight, Alternaria (Late) Blight Cercospora (Early) Blight, Septoria (Late) Blight Basal Stalk Rot, Pink Rot (suppression) Helminthosporium Leaf Blight, Rust Anthracnose, Downy Mildew, Target Spot Scab, Gummy Stem Blight (Black Rot), Leaf Blight, Cercospora Leaf Spot, Powdery Mildew (except Southwestern states) Fruit Rot (suppression) Botrytis Leaf Blight (Blast), Purple Blotch, Downy Mildew (suppression) Botrytis Leaf Blight (Blast), Purple Blotch, Downy Mildew (suppression) Early Blight, Late Blight, Gray Leaf Spot, Gray Leaf Mold, Septoria Leaf Spot, Anthracnose, Alternaria	Rust, Botrytis Blight (Gray Mold)1 TbsAlternaria Leaf Spot, Downy Mildew1½ tspRing Spot2 tspCercospora (Early) Blight, Alternaria (Late) Blight2 tspCercospora (Early) Blight, Alternaria (Late) Blight1½ tspSeptoria (Late) Blight1½ tspBasal Stalk Rot, Pink Rot (suppression)1 TbsHelminthosporium Leaf Blight, Rust2 tspAnthracnose, Downy Mildew, Target Spot2 tspScab, Gummy Stem Blight (Black Rot), Leaf Blight, Cercospora Leaf Spot, Powdery Mildew (except Southwestern states)1 TbsFruit Rot (suppression)1 TbsBotrytis Leaf Blight (Blast), Purple Blotch, Downy Mildew (suppression)1 TbsEarly Blight, Late Blight, Gray Leaf Spot, Gray Leaf Spot, Anthracnose, Alternaria11½ tsp	Rust, Botrytis Blight (Gray Mold) 1 Tbs Start spraying at first sign of disease. Apply every 7 days to maintain control. Alternaria Leaf Spot, Downy Mildew 1½ tsp Start spraying when conditions favor disease, after transplanting or when sprouts appear. Apply every 7 to 10 days. Ring Spot 2 tsp days. Cercospora (Early) Blight, Alternaria (Late) Blight 2 tsp Start spraying at first sign of disease. Apply every 7 to 10 days to maintain control Cercospora (Early) Blight, Septoria (Late) Blight 1½ tsp Start spraying after transplanting. Apply every 7 days. Basal Stalk Rot, Pink Rot (suppression) 1 Tbs days. Helminthosporium Leaf Blight, Rust 2 tsp Start spraying when conditions favor disease. Apply every 7 to 10 days to maintain control. Do not apply to corn if you plan to process it. Anthracnose, Downy Mildew, Target Spot 2 tsp Start spraying when plants are in the first true leaf stage or when conditions favor disease. Scab, Gummy Stem Blight (Blast), Purple Blotch, Downy Mildew (except Southwestern states) 1 Tbs Start spraying at first sign of disease. Apply every 7 to 10 days. Do not use more than 3 times per season. Fruit Rot (suppression) 1 Tbs Start spraying at first sign of disease. Apply every 7 to 10 days. Do not use more than 3 times per season. Fruit Rot (suppression) 1 Tbs Start spraying at first

*PHI = the days required between last application and harvest.

4/8

Fruit Diseases

Apply the amount of concentrate in the table below in one gallon of water. Thoroughly spray to cover all plant surfaces.

Fruit Tree	Diseases Controlled	Amount of Concentrate	Application Notes
Peach, Nectarine, Apricot	Peach Leaf Curl, Coryneum Blight (Shothole) Brown Rot,	2¼ tsp	Do not apply between fruit formation and harvest. Spray at leaf fall in late autumn. Reapply 1 to 2 more times in mid- to late winter before buds begin to swell. For Shothole, to prevent fruit infections, also apply 1 to 2 weeks after petal fall when fruit just begins to form. Do not apply between fruit formation
	Blossom Blight, Scab		and harvest. Spray when buds begin to show color. Reapply at full bloom. If cool, moist weather continues, make a third application at petal fall. Apply once more when fruit just begins to form.
Cherry, Plum, Prune	Brown Rot Blossom Blight, Cherry Leaf Spot (cherries)	2¼ tsp	Do not apply between fruit formation and harvest. Spray when buds begin to show color. Reapply at full bloom. If cool, moist weather continues, make a third application at petal fall. For Cherry Leaf Spot, also apply when fruit just begins to form and again 7 days after fruit is removed; apply once more 10 to 14 days later, if tree has a history of leaf spot.
Рарауа	Alternaria Fruit Spot, Anthracnose, Stem End Rot	1½ tsp	Start spraying when fruit spots appear (April to July). Spray every 14 days until dry weather returns.
Passion Fruit (only in HI)	Alternaria Fruit and Leaf Spot (Passion Fruit Brown Spot)	¾ tsp	Start spraying before spots appear on fruit (April to July). Spray every 14 days until dry weather returns.

Ornamental Diseases

Unless otherwise directed in the table below, mix 2¼ tsp per gallon of water or 3 Tbs (1½ fl oz) per 4 gallons of water and spray foliage to point of runoff. Begin applications as directed for each species and disease condition cited and apply every 7 to 14 days (unless otherwise specified) until conditions no longer favor disease. During periods when conditions favor severe disease, generally cloudy or wet weather, use the shorter interval between applications.

Species	Diseases Controlled	Suggested First Application
	[Broadleaf Shrubs and Trees]	
Ash	Cercospora, Cercosporidium, Cylindrosporium Leaf Spots	Spring bud break
Azalea*, Rhododendron*	Phytophthora Die-Back, Ovulinia Flower Blight	New leaf emergence; early bloom
Buckeye (Horsechestnut)	Leaf Blotch, Anthracnose	Spring bud break
Crabapple	Scab, Cedar-apple Rust, Sphaeropsis Leaf Spot	Spring bud break
Dogwood	Anthracnose (Discula sp.), Septoria Leaf Spot	Spring bud swell; early bloom

5/8

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Species	Diseases Controlled	Suggested First Application
Euonymus	Anthracnose	Spring bud break
Firethorn (Pyracantha)	Scab	Spring bud break
Flowering Almond, Quince	Monilinia Blossom/Branch Blight, Rust,	Early bloom; pre-bloom
and Cherry Hawthom	Fabraea Leaf Spot	
Holly	Rhizoctonia Web Blight	Warm, moist conditions
Mountain Laurel	Cercospora Leaf Spot	Spring bud break
Oak (only red group)	Taphrina Blister, Actinopelte Leaf Spot, Anthracnose	Dormant bud swell
Oregon-Grape (Mahonia)	Rust	Spring bud break
Photinia	Fabraea (Entomosporium) Leaf Spot	Spring bud break
Pieris (Andromeda)	Phytophthora Die-Back	New leaf emergence
Poplar	Marssonina Leaf Spot	Spring bud break
Privet	Cercospora Leaf Spot	Prolonged wet conditions
Sycamore (Planetree)	Anthracnose	Spring bud break
Viburnum	Powdery Mildew	Mid-summer
	[Bulbs and Flowering Plants]	
Carnation	Alternaria Leaf Spot, Branch Rot, Botrytis	Transplant of cuttings; cool,
	· · · · · · · · · · · · · · · · · · ·	moist conditions
Chrysanthemum (Daisy)	Mycosphaerella Ray Blight, Septoria Leaf Spot	Transplant of cuttings
Geranium	Botrytis Flower Blight (Gray Mold), Rust	Pre-bloom; cool, moist conditions
Gladiolus	Curvularia Leaf/Flower Spot,	Early propagation
	Botrytis Leaf/Flower Spot	
Hollyhock	Rust	Early seedling stage
Hydranga* (only foliage)	Cercospora and Septoria Leaf Spots, Rust	Early propagation
Iris	Botrytis Blossom Blight, Didymellina Leaf Spot	Cool, moist conditions
Lily	Botrytis Gray Mold (foliar phase),	Pre-bloom
·	Phytophthora Blight	
Petunia*	Botrytis Gray Mold (foliar phase),	Pre-bloom
·	Phytophthora Blight, Botrytis Blight	
Rose – Use 11/4 fl oz (21/2	Black Spot, Botrytis Blight	Spring bud break
Tbs)		
per 4 gallons of water		· · · · · · · · · · · · · · · · · · ·
Statice	Anthracnose, Cercospora, Alternaria Leaf Spots, Botrytis Leaf Blight	Spring bud break
Zinnia	Powdery Mildew	First sign of disease
	[Foliage Plants]	
Dracaena	Fusarium Leaf Spot	Pre-transplant
Pachysandra – Use 5 tsp	Volutella Leaf Blight	Spring bud break
per gallon of water		
Leatherleaf fern	Ascochyta Blight, Cercospora Leaf Spot,	Spring bud break
	Cylindrocladium Leaf Spot, Rhizoctonia Blight	
Parlor Palm	Bipolaris Leaf Spot (Helminthosporium)	Cool, moist conditions
(Chamaedorea)		
Prayer Plant (Maranta)	Helminthosporium Leaf Spot	Early propagation
Oyster Plant (Rhoeo)	Tan Leaf Spot	Early propagation
Philodendron	Phytophthora Blight, Dactylaria Leaf Spot	Moist conditions
Syngonium	Cephalosporium Leaf Spot	Warm, moist conditions
yngonium	Cephalosponum Lear Spot	

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*Discoloration of blooms has been noted on certain varieties when applications are made during flowering.

7/8

Conifer Diseases

Tree	Diseases Controlled	Amount of Concentrate	Application Notes
Pine	Scleroderris Canker, Lophodermium Needlecast	1½ tsp per gallon of water	Start spraying in spring when new shoots are $\frac{1}{2}$ to 2 inches long. Spray every 3 to
	Schirrhia Brown Spot	3 Tbs per gallon of water	4 weeks until dry weather returns. For
Douglas Fir	Needlecast, Rhabdocline, Swiss Needlecast, Lophodermium Needlecast	1½ tsp per gallon of water	Lophodermium Needlecast in Northcentral and Northeastern states: Start spraying in mid-July to early August
Spruce	Lophodermium Needlecast Rhizosphaera Needlecast	1½ tsp per gallon of water 3 Tbs per gallon of water	before disease occurs; spray every 3 to 4 weeks until dry weather returns.

Storage and Disposal

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

Pesticide Storage: Store in a cool dry (preferably locked) place inaccessible to children and pets. **Pesticide Disposal:** Nonrefillable container; do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. **Container Disposal:** Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap; shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Batch Code:** See bottom of container.

PRECAUTIONARY STATEMENTS Hazards to Humans & Domestic Animals

WARNING: Causes substantial but temporary eye irritation. Causes skin irritation. Harmful if inhaled, swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse. Wear goggles or face shield, coveralls over a short-sleeve shirt and pants, and rubber globes when mixing and applying this product.

Note to User: CPI Chlorothalonil Multipurpose Fungicide [This product] may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash in exposed skin areas. Persons having an allergic reaction should contact a physician.

	ict container or label with you when calling a poison control center or doctor, or going for
treatment. You	may also contact {appropriate 800 number} for emergency medical treatment information.]
If in Eyes	 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	Take off contaminated clothing.
or Clothing	 Immediately rinse skin with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
If Inhaled	Move person to fresh air.

First Aid

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	 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.
If Swallowed	 Immediately call a poison control center or doctor 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.

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

Environmental Hazards

This product is toxic to aquatic invertebrates and wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. This chemical can contaminate surface water through spray drift. Under some conditions it may also have high potential for runoff into surface water for several days to weeks after application; these include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips and areas overlaying tile draining systems that drain to surface water.

Buyer assumes all risk of use, storage or handling of this product not in strict accordance with this label. {Code}

If you have a medical emergency, need consultation on diagnosis, therapy and analysis please call (800) 420-9347

If you have guestions relating to product use or application, please call (800) 969-7200

If you have a product spill or transportation emergency call (800) 424-9300

For Material Safety Data Sheets please go to www.gardentech.com, or call (800) 969-7200

[] Denotes optional/alternate language

{ } Denotes language that does not appear on the market label