

60063-16

4/9/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDE PROGRAMS

Joseph W. Burley, Ph.D.
Regulatory Manager
Sipcam Agro USA, Inc.
2520 Meridian Parkway, Suite 525
Durham, NC 27713

APR 9 2010

SUBJECT: Applications for Pesticide Notification – Label Change per PR Notice 2007-4
Echo® Home Garden Fungicide EPA Reg. No. 60063-16
Sipcam Metolachlor Technical EPA Reg. No. 60063-17
Sipcam Prodiamine Technical EPA Reg. No. 60063-21
Echo® RTU EPA Reg. No. 60063-30
Applications Dated August 25, 2009

Dear Dr. Burley:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 for the above products. The Registration Division (RD) has conducted a review of these requests for their applicability under 2007-4 and finds that the actions requested fall within the scope of PRN 2007-4. The labels submitted with the applications have been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-6249, or Terri Stowe of my staff at 703-305-6117.

Sincerely,

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

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Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval Expires 05-31-98.



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 60063-16	2. EPA Product Manager Tony Kish	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product Name Echo Home Garden Fungicide	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Sipcam Agro USA, Inc. 2520 Meridian Parkway, Suite 525 Durham, NC 27713 <input checked="" 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.

NOTIFICATION

APR 9 - 2010

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

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Unit Packaging wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2 pints, 250 gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" 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 Joseph W. Burley	Title Regulatory Manager	Telephone No. (Include Area Code) (919) 226 1297
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 Regulatory Manager	
4. Typed Name Joseph W. Burley	5. Date 08/25/2009	

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SIPCAM AGRO USA, INC.

NOTIFICATION

APR 9 - 2010

ECHO[®] Home Garden Fungicide

Active Ingredient: Chlorothalonil (tetrachloroisophthalonitrile)	12.5%
Other Ingredients:	87.5%
Total:	100.0%

Contains 1.12 Pounds Chlorothalonil Per Gallon

Keep Out of Reach of Children

WARNING-AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF 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 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 SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have affected person sip a glass of water if able to swallow. • Do not induce vomiting unless told by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Emergency phone numbers	(800) 858-7378 NPIC (human and animal health) (800) 424-9300 CHEMTREC (transportation and spills)
NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Persons having a temporary allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.	

Manufactured for
Sipcam Agro USA, Inc.
2520 Meridian Parkway, Suite 525
Durham, NC 27713

EPA Reg. No. 60063-16

EPA Est. No. _____

Net Contents: _____ pint(s)

Echo is a registered trademark of Sipcam Agro USA, Inc.

[label date code]

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING-AVISO

May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Do not breathe spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE):

Mixers and applicators must wear:

- Long-sleeved shirt and long pants;
- Shoes and socks;
- Chemical-resistant gloves made of any waterproof material.

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates and wildlife. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

Chlorothalonil can contaminate surface water through spray drift. DO NOT apply when weather conditions favor drift from treated areas. Under some conditions, it may also have a 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 in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

Chlorothalonil degradates are known to leach through soil into ground water under certain conditions as a result of label use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

DIRECTIONS FOR USE

General Precautions and Restrictions

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 other persons or pets, either directly or through drift. Do not enter or allow people or pets to enter the treated area until sprays have dried.

Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, recreational park athletic fields, athletic fields located on or next to schools (ie., elementary, middle and high schools), campgrounds, churches, and theme parks.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes, such as exterior plantscapes and ornamental gardens, or small-area vegetable and fruit gardens.

READ ENTIRE LABEL AND USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Integrated Pest Management

ECHO HOME GARDEN FUNGICIDE is an excellent disease control agent when used according to label directions for control of a broad spectrum of plant diseases. ECHO HOME GARDEN FUNGICIDE is recommended for use in programs that are compatible with the principles of Integrated Pest Management (IPM), including the use of disease resistant crop varieties, cultural practices, pest scouting and disease forecasting systems which reduce unnecessary applications of pesticides.

Fungicide Resistance Management

ECHO HOME GARDEN FUNGICIDE is effective for strategic use in programs that attempt to minimize disease resistance to fungicides. Some other fungicides which are at risk from disease resistance exhibit a single-site mode of fungicidal action. ECHO HOME GARDEN FUNGICIDE, with a multi-site mode of action, may be used to delay or prevent the development of resistance to single-site fungicides. Consult with your federal or state Cooperative Extension Service representatives for guidance on the proper use of ECHO HOME GARDEN FUNGICIDE in programs which seek to minimize the occurrence of disease resistance to other fungicides.

Mixing, Loading and Applying

ECHO HOME GARDEN FUNGICIDE is a liquid concentrate that readily mixes with water and can be used in a tank-type or power sprayer.

ECHO HOME GARDEN FUNGICIDE is highly effective for the control of a broad spectrum of vegetable, fruit and ornamental plant diseases when it is used according to the directions on this label. Thorough uniform coverage of plant surfaces is essential for good disease control.

Shake well before using. Mix appropriate amount with water and use at once.

GARDEN VEGETABLE DISEASES

Apply ECHO HOME GARDEN FUNGICIDE at the rate indicated for each garden crop for the disease to be controlled, by mixing in one gallon of water to cover approximately 200 square feet (10 ft. x 20 ft.) of planted crop. Repeat applications at intervals specified. Use the 7 day schedule during severe disease conditions or wet weather. Do not apply closer to harvest than the indicated **Preharvest Interval (PHI)** for each type of crop. Do not apply more than the specified amount of ECHO HOME GARDEN FUNGICIDE per 200 sq.ft. of garden area per year for each crop type.

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 livestock.

tsp. = teaspoonful (1/6 fluid ounce)

CROP	PHI (DAYS)	DISEASES	RATE PER 200 SQ. FT.	APPLICATION DIRECTIONS
Bean (Snap)	7	Rust Botrytis blight (gray mold)	8 tsp. Per Application, 48 tsp. Per Year	Begin applications during early bloom stage or when disease first threatens and repeat at 7 day intervals.
Beans (Dry)	14	Rust, Anthracnose, Downy mildew, Cercospora leaf spot (blackeye only), Ascochyta blight	5 tsp. Per Application, 20 tsp. Per Year	Begin applications during early bloom stage and repeat at 7 to 10 day intervals. For use only on beans to be harvested dry with pods removed.
Cabbage, Chinese Cabbage (tight-headed varieties only), Cauliflower, Broccoli, Chinese Broccoli, Brussels Sprouts	7	Alternaria leaf spot, Downy mildew, Ring spot	5 tsp. Per Application, 40 tsp. Per Year	Begin applications after transplants are set in field, or shortly after emergence of field-seeded crop, or when conditions favor disease development. Repeat at 7 to 10 day intervals.
Carrot	0	Cercospora (Early) blight, Alternaria (Late) blight	5 tsp. Per Application, 50 tsp. Per Year	Start applications when disease threatens and repeat at 7 to 10 day intervals.

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Celery	7	Cercospora (Early) blight, Septoria (Late) blight, Basal stalk rot (<i>Rhizoctonia solani</i>)	8 tsp. Per Application, 64 tsp. Per Year	Start applications shortly after crop emergence or when transplants are set in the field. Re-apply at 7 day intervals.
Corn (sweet)	14	Helminthosporium leaf blights, Rust	5 tsp. Per Application, 30 tsp. Per Year	Begin applications when conditions favor disease development and repeat at 7 day intervals.
Cucurbits: Cucumber, Cantaloupe, Muskmelon, Honeydew melon, Watermelon, Squash, Pumpkin	0	Anthracnose, Downy mildew, Target spot Cercospora leaf spot, Gummy stem blight (black rot), Alternaria leaf blight, Scab, Powdery mildew (<i>Sphaerotheca</i> only)	8 tsp. Per Application, 56 tsp. Per Year	Begin applications when plants are in first true leaf stage or when conditions are favorable for disease development. Repeat applications at 7 day intervals. Note: Spraying mature watermelons may result in sunburn of the upper surface of the fruit. DO NOT apply ECHO HOME GARDEN FUNGICIDE to watermelons when any of the following conditions are present: 1. Intense heat and sunlight; 2. Drought conditions; 3. Poor vine canopy; 4. Other crop and environmental conditions which may be conducive to increased natural sunburn. DO NOT combine ECHO HOME GARDEN FUNGICIDE with anything except water for application to watermelons unless your prior use has shown the combination to be non-injurious to watermelons under your conditions of use.

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Onion (dry bulb), Garlic	7	Botrytis leaf blight or blast, Purple blotch	8 tsp. Per Application, 56 tsp. Per Year	ECHO HOME GARDEN FUNGICIDE is recommended for use with disease monitoring systems which adjust fungicide rates and frequency of application according to disease hazard. Apply as follows:				
					Low Disease Hazard & Prior to Infection	Low Disease Hazard & Some Disease Present	High Disease Hazard	
				Rate per Acre:	2 ½ tsp.	4 tsp.	5 tsp.	
				Frequency:	10 days	7 to 10 days	7 days	
		Neck rot		For suppression of neck rot (Botrytis spp.) during storage, make a minimum of three weekly applications prior to lifting.				
Onion (green bunching), Leek, Shallot	14 (green onion, leek, shallot)	Botrytis leaf blight or blast, Purple blotch, Downy mildew (suppression)	8 tsp. Per Application, 24 tsp. Per Year	Begin applications prior to favorable infection periods, and repeat at 7 to 10 day intervals for as long as conditions favor disease. Use the high rate and a 7 day schedule of applications when heavy dew or rain persist. Do not apply more than 3 times per season. If additional disease control is needed before harvest, use another registered fungicide.				
Parsnip	10	Alternaria leaf spot, Downy mildew, Anthracnose, Botrytis blight (gray mold), Bottom rot (Rhizoctonia)	5 tsp. Per Application, 20 tsp. Per Year	Make the first application at the first sign of disease or when conditions are favorable for infection. Continue applications on a 7 to 10 day schedule.				
Potato	7	Late blight, Early blight, Botrytis vine rot	4 tsp. Per Application, 40 tsp. Per Year	Begin applications at the low rate when vines are first exposed and leaf wetness occurs. Repeat applications at 7 to 10 day intervals. Use the highest rate and shortest interval when plants are rapidly growing and disease conditions are severe.				

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<p>Tomato</p>	<p>0</p>	<p>FOLIAGE (apply every 7-10 days): Early blight, Late blight, Gray leaf spot, Gray leaf mold, Septoria leaf spot, Target spot</p> <p>FRUIT (apply every 7-14 days beginning at fruit set): Anthracnose, Alternaria fruit rot (black mold), Botrytis gray mold, Late blight fruit rot, Rhizoctonia fruit rot</p>	<p>6 tsp. Per Application, 42 tsp. Per Year</p>	<p>Begin applications when dew or rain occur and disease threatens. Use the highest rate and shortest interval specified when disease conditions are severe. ECHO HOME GARDEN FUNGICIDE may be combined in the spray tank with EPA-registered pesticide products that claim copper as the active ingredient and are labeled for control of bacterial diseases of tomatoes. Check the copper manufacturer's label for specific instructions, precautions and limitations prior to mixing with ECHO HOME GARDEN FUNGICIDE.</p>
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FRUIT AND NUT TREE DISEASES

Apply this product in sufficient water to obtain uniform coverage of tree canopy, including the undersides of leaves, to the point of spray runoff. Mix the indicated rate of ECHO Home Garden Fungicide into each 4 gallons of water to be used for each application, generally sufficient to treat 200 square feet.

Do not apply closer to harvest than the indicated **Preharvest Interval (PHI)** for each type of crop.

Note: Avoid spraying plants during extremely hot and sunny weather. **DO NOT apply ECHO Home Garden Fungicide within one week before or after application of oil or an oil-based pesticide.** Do not graze treated areas or feed treated plant parts to livestock.

tsp. = teaspoonful (1/6 fluid ounce)

Crop	PHI (days)	Diseases	RATE PER 4 GALLONS	Application Directions
Blueberry	42	Mummy Berry, Anthracnose	9 tsp. Per Application, 27 tsp. Per Year	Begin applications at budbreak (green tip). Repeat applications until early bloom at 10 day intervals. DO NOT apply after early bloom, otherwise phytotoxicity may occur to the developing fruit.
Filberts (Hazelnuts)	120	Eastern filbert blight	9 tsp. Per Application, 27 tsp. Per Year	Begin applications at leaf bud break and repeat at 2 to 4 week intervals. Based on available residue data, use of this product on filberts is restricted to Oregon.
Papaya	14	Alternaria fruit spot, Anthracnose, Stem end rot	7 tsp. Per Application, 21 tsp. Per Year	Apply with ground equipment only. Begin treatment when conditions favor development of disease and continue treatments at 14 day intervals until weather conditions no longer favor disease development.
Passion Fruit (Hawaii only)	7	Alternaria fruit and leaf spot (brown spot)	5 tsp. Per Application, 25 tsp. Per Year	Apply with ground equipment in sufficient water to obtain adequate coverage of fruit and leaves. Begin applications before fruit spots appear (April to July) and re-apply at 14 day intervals until weather conditions no longer favor disease development.
Stone Fruits: Peach, Nectarine, Apricot, Cherry, Plum, Prune	Do not apply after shuck split	Leaf curl	10 tsp. Per Application, 50 tsp. Per Year	Apply at leaf fall in late autumn. When conditions favor high disease levels apply once or twice more in mid to late winter before budswell.
		Shothole, Brown rot blossom blight, Lacy (russet) scab on prune, Cherry leaf spot, Scab		Make one application at budbreak or popcorn (pink, red or early white bud). If weather conditions favor disease, make a second application 10 days later (full bloom to petal fall). Apply at shuck split to prevent infections on young fruit. If additional disease control is needed after shuck split and before harvest, use another registered fungicide.

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ORNAMENTAL GARDEN PLANTS

Apply ECHO HOME GARDEN FUNGICIDE at a rate of 6 teaspoons per gallon, or 8 Tablespoons (4 fluid ounces) per 4 gallons of water unless other directions are given in the tables below. Apply enough diluted spray per acre to provide thorough coverage of all plant parts that are intended to be protected from disease, generally ranging from ½ to 3 gallons per 1,000 square feet of garden area. Repeat applications at 7 to 14 day intervals until conditions are no longer favorable for disease. During periods when conditions favor severe disease incidence, generally cloudy or wet weather, apply ECHO HOME GARDEN FUNGICIDE at 7 day intervals. **DO NOT apply more than a total of 96 fluid ounces of ECHO HOME GARDEN FUNGICIDE (0.84 lbs chlorothalonil active ingredient) per 1,000 sq.ft. per growing season on field-grown ornamentals.**

Fruits and other structures which may be borne on treated plants **MUST NOT BE EATEN.**

This product may be used in greenhouses. DO NOT use mistblowers or high pressure spray equipment when making applications of this product in greenhouses.

ECHO HOME GARDEN FUNGICIDE is recommended for control of fungal diseases referred to by numbers in parentheses following each type of ornamental plant. The user should test for possible phytotoxic responses, using recommended rates on each type of ornamental plant on a small area prior to widespread use. Applications made during bloom may damage flowers and/or fruits.

ORNAMENTALS RECOMMENDED FOR TREATMENT WITH ECHO HOME GARDEN FUNGICIDE

Broadleaf Shrubs and Trees	
Andromeda (<i>Pieris</i>) (4)	Holly (1)
Ash (<i>Fraxinus</i>) (1)	Lilac (5)
Aspen (1)	Magnolia (1)
Azalea (1,2,4)	Maple (1)
Buckeye, Horsechestnut (1)	Mountain laurel (1)
Camellia (2)	Oak (red group only) (1,7)
Cherry-laurel (1)	Oregon-grape (<i>Mahonia</i>) (6)
Crabapple (1,6)	Red-tip (<i>Photinia</i>) (1)
Dogwood (1)	Poplar (1)
Eucalyptus (3)	Privet (<i>Ligustrum</i>) (1)
Euonymus (1)	Rhododendron (1,2,4)
Firethorn (<i>Pyracantha</i>) (1)	Sand cherry (1,2)
Flowering almond (1,2)	Sequoia (1)
Flowering cherry (1,2)	Spirea (1)
Flowering peach (1,2)	Sycamore, Planetree (1)
Flowering plum (1,2)	Viburnum (5)
Flowering quince (1,2)	Walnut (<i>Juglans</i>) (1)
Hawthorn (1,6)	

Flowering ^a Plants and Bulbs	
Arabian violet (2)	Lily (1)
Begonia (1)	Marigold (1)
Carnation (1,2)	Narcissus (1)
Chrysanthemum (1,2)	Pansy (1)
Crocus (1)	Petunia (1,4)
Daffodil (1)	Phlox (1)
Daisy (1)	Poinsettia ^b (1)
Geranium (1,6)	Rose ^c (1)
Gladiolus (1,2)	Statice (1)
Hollyhock (6)	Tulip (1)
Hydrangea (foliage only) (1,6)	Zinnia (1,5)
Iris (1,2)	

a/ Avoid applications during bloom period on plants where flower injury is unacceptable.

b/ Discontinue applications prior to bract formation; phytotoxicity is possible on the bracts.

c/ Use 3 Tbs. of ECHO HOME GARDEN FUNGICIDE per 4 gallons of water.

Foliage Plants	
Aglaonema (1)	Lipstick plant (1)
Areca palm (1)	Ming aralia (1)
Artemesia (1)	Oyster plant (<i>Rhoeo</i>) (1)
Boston fern (<i>Nephrolepis</i>) (1)	Pachysandra ^d (1)
Dracaena (1)	Parlor palm (<i>Chamaedorea</i>) (1)
Dumbcane (<i>Dieffenbachia</i>) (1)	Peperomia (1)
Fatsia (<i>Aralia</i>) (1)	Philodendron (1,4)
Ficus (1)	Prayer plant (<i>Maranta</i>) (1)
Florida ruffle fern (1)	Syngonium (1)
Leatherleaf fern (1)	Zebra plant (<i>Aphelandra</i>) (1)

d/ Use 8 Tbs. of ECHO HOME GARDEN FUNGICIDE per 4 gallons of water.

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Diseases controlled with ECHO HOME GARDEN FUNGICIDE:

1. Leafspots & Foliar Blights:	
Actinopelte leafspot Alternaria leafspot or leaf blight Anthracnose (<i>Gnomonia, Glomerella, Colletotrichum, Discula</i>) blights Black spot (<i>Diplocarpon</i>) Botrytis blights Cephalosporium leafspot Cercospora leafspot Cercosporidium leafspot Shothole (<i>Stigmina</i>) Corynespora stem & leafspots Curvularia leafspot Dactylaria leafspot Didymellina leafspot Drechslera (<i>Bipolaris</i>) leafspots, inkspot	Fabraea (Entomosporium) leafspot Fusarium (<i>Gibberella</i>) leafspot Gloeosporium black leafspot Marssonina leafspot Monilinia blossom blight, twig blight Mycosphaerella ray blight Myrothecium leafspot, brown rot Phyllosticta leafspot Ramularia leafspot Rhizoctonia web blight Scab (<i>Venturia</i>) Septoria leafspot Sphaeropsis leafspot Stagonospora leaf scorch Tan leafspot (<i>Curvularia</i>) Volutella leaf blight
2. Flower Spots & Blights:	
Botrytis flower spot, flower blight Curvularia flower spot Monilinia blossom blight	Ovulinia flower blight Rhizopus blossom blight Sclerotinia flower blight
3. Cylindrocladium stem canker	
4. Phytophthora leaf blight, dieback	
5. Powdery mildews:	
<i>Erysiphe cichoracearum</i> <i>Sphaerotheca fuliginea</i>	<i>Microsphaera</i> spp.
6. Rusts:	
<i>Gymnosporangium</i> spp. <i>Pucciniastrum hydrangeae</i>	<i>Puccinia</i> spp.
7. Taphrina blister	

CONIFER DISEASES

Apply this product in sufficient water to obtain uniform coverage of tree canopy, including the undersides of leaves, to the point of spray runoff. Mix the indicated rate of ECHO HOME GARDEN FUNGICIDE into each 4 gallons of water to be used for each application, generally sufficient to treat 200 square feet.

Do not apply more than 42 fluid ounces of ECHO HOME GARDEN FUNGICIDE per 1,000 square feet per year.

Note: Avoid spraying plants during extremely hot and sunny weather. **DO NOT apply ECHO Home Garden Fungicide within one week before or after application of oil or an oil-based pesticide.** Do not graze treated areas or feed treated plant parts to livestock.

tsp. = teaspoonful (1/6 fluid ounce)

Diseases	RATE PER 4 GALLONS	Application Directions
Scleroderris canker (pines), Swiss needlecast, Sirococcus tip blight, Rhizosphaera needlecast (spruces), Scirrhia brown spot (pines)	14 tsp. Per Application	Make the first application in spring when new shoot growth is 1/2 to 2 inches in length. Make additional applications at 3 to 4 week intervals until conditions no longer favor disease development. For use in nursery beds, apply the highest rate specified on a 3 week schedule.
Cyclaneusma and Lophodermium needlecasts (pines)		Apply in early spring prior to budbreak. Repeat applications at approximately 6 to 8 week intervals, until spore release ceases in late fall. Apply monthly during periods of frequent rainfall, and where Lophodermium infections occur during dormancy (Pacific Northwest). During drought periods, applications may be suspended, then resumed upon next occurrence of needle wetness.
Rhabdocline needlecast (Douglas-fir)		Apply at budbreak and repeat at 3 to 4 week intervals until needles are fully elongated and conditions no longer favor disease development. In plantations of mixed provenance, or when irregular budbreak occurs, apply weekly until all trees have broken bud, then every 3 to 4 weeks as specified above. In nursery beds, apply on a 3 week schedule.
Botrytis seedling blight, Phoma twig blight		Begin applications in nursery beds when seedlings are 4 inches tall and when cool, moist conditions favor disease development. Make additional applications at 7 to 14 day intervals as long as disease favorable conditions persist.
Autoecious needle rust (Weir's cushion rust) (spruces)		Begin applications in nursery beds when 10% of buds have broken and repeat twice thereafter at 7-10 day intervals.

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STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage: Store in a cool place. Protect from excessive heat.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray 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:

(For small homeowner-use containers)

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.

(For 250 gallon totes sold to non-homeowners)

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND LIMITATION OF DAMAGES

CONDITIONS OF SALE: To the extent consistent with applicable law, Sipcarn Agro USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Sipcarn Agro USA, Inc.. **SIPCARN AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.** To the extent consistent with applicable law, **SIPCARN AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCARN AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SIPCARN AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**