

60063-16

08/03/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Dr Joseph W Burley
Sipcam Agro USA Inc
2520 Meridian Parkway Suite 525
Durham NC 27713

AUG 03 2012

Subject Application for Pesticide Notification (PRN 98 10)
Echo Home Garden Fungicide
EPA Registration No 60063 16
Decision No 467862
Submission Date 7/11/12

Dear Dr Burley

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98 10. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98 10 and finds that the action requested falls within the scope of PRN 98 10.

The Agency acknowledges the statement "Do not use on forests" in the conifer section.

The label submitted with the application has been stamped "Notification" and will be placed in our records. If you have questions concerning this letter, please contact Dominic Schuler at (703) 347 0260 or via email at schuler.dominic@epa.gov.

Sincerely

A handwritten signature in black ink, appearing to read "Tony Kish".

Tony Kish
Product Manager 22
Fungicide Branch
Registration Division (7504P)



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 None Restricted
4 Company/Product Name Echo Home Garden Fungicide
5 Name and Address of Applicant Sipcarn Agro USA Inc
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 AUG 03 2012
Product Name

Section II

Amendment Explain below
Resubmission in response to Agency letter dated
Notification Explain below
Final printed labels in response to Agency letter dated
Me Too Application
Other Explain below

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

Notification per PR Notice 98 10 to clarify uses on conifers by adding the statement Do not use on forests 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 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
Child Resistant Packaging
Unit Packaging
Water Soluble Packaging
2 Type of Container
3 Location of Net Contents Information
4 Size(s) Retail Container
5 Location of Label Directions
6 Manner in Which Label is Affixed to Product

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 Registration Manager Telephone No (419) 226 1297
Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete
2 Signature Joseph W Burley 3 Title Registration Manager
4 Typed Name Joseph W Burley 5 Date 07/11/12
6 Date Application Received (Stamped)



SipcamAdvan

3/16

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July 11 2012

Mr Tony Kish (PM22)
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U S Environmental Protection Agency
1200 Pennsylvania Avenue N W
Washington D C 20460

**Subject Echo Home Garden Fungicide (EPA Reg No 60063 16)
Notification to Clarify Conifer Language**

Dear Mr Kish

With this correspondence we wish to add a statement restricting the use of this product on conifers Please find enclosed

- Application for pesticide Form 8570 1
- One copy of the revised label incorporating the statement "Do not use on forests"
- One copy of the page with highlighted edits

No other changes have been made to the label

Thank you for your cooperation in this matter If you have any questions please feel free to call me at (919) 226 1297

Sincerely

Joseph W Burley Ph D
Registration Manager
Sipcam Agro USA Inc

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NOTIFICATION

AUG 03 2012



SIPCAM AGRO USA, INC

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 landscapes 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

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 (Sphaerotheca 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

		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		
Onion (dry bulb) Garlic	7	Botrytis leaf blight or blast Purple blotch	Rate per Acre	2 1/2 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	8 tsp Per Application	24 tsp Per Year	56 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	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		
			20 tsp Per Year			
Potato	7	Late blight Early blight Botrytis vine rot	4 tsp Per Application	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		
			40 tsp Per Year			

<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		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	10 tsp Per Application 50 tsp Per Year	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.

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)	

c c

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</i> <i>Colletotrichum Discula</i>) blights Black spot (<i>Diplocarpon</i>) Botrytis blights Cephalosporium leafspot Cercospora leafspot Cercosporidium leafspot Shothole (<i>Stigmia</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. **Do not use on forests.**

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)		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)	14 tsp Per Application	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. 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.
Rhabdocline needlecast (Douglas fir)		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.
Botrytis seedling blight Phoma twig blight		Begin applications in nursery beds when 10% of buds have broken and repeat twice thereafter at 7 to 10 day intervals.
Autoecious needle rust (Weir's cushion rust) (spruces)		

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, Sipcam 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 Sipcam Agro USA, Inc. **SIPCAM AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.** To the extent consistent with applicable law, **SIPCAM AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM 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. **SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**