

100-801

03/18/2002

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



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR 18 2002

Mr. Larry Zang
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

Subject: Ridomil Gold EC Fungicide (Supplemental label)
EPA Reg. No. 100-801
Submission dated October 22, 2001 adding the new uses: Herbs (fresh and dried);
Artichoke, globe; Starfruit; Kiwifruit; Papaya; Black Sapote; Star Apple; Canistel;
Mamey; Sapote; Mango; Sapodilla; Sugar Apple; Atemoya; Custard Apple, and
Lingonberry

Dear Mr. Zang:

The revised product labeling referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided the following conditions are met.

As a condition of registration for the active ingredient mefenoxam, the following data must be conducted using "Ridomil" as the test material:

- 1) KIWIFRUIT. An additional field trial (soil drench use) on kiwifruit in California at 1X application rate. due March 30, 2004.
- 2) PAPAYA. To support the soil drench use, an EC formulation with either 3 trials with two treated (1X) samples per trial or 2 trials with four treated samples per trial (two treated samples at the 1X use rate and two treated samples at the 2X rate per trial) must be conducted. The additional trials must be conducted with at least 2 trials in Hawaii and 1 in Florida. The studies must be submitted to the Agency by March 30, 2004.

The Agency notes that tolerances were approved for these commodities with the requirement that additional confirmatory residue field trial data be submitted (see 40 CFR 47994, September 17, 2001). Although IR-4 will be conducting the additional residues trials cited in that Federal Register Notice, the registrant must work with IR-4 to make sure the additional data are submitted to the Agency within the time frame specified in this letter.

It has come to our attention that the master label needs revision. Please revise the master label as follows and submit it for review:


- 1) Add the ground water advisory statement to the "Environmental Hazards" section of the "master label" (page 4): "This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contaminations."

- 2) Revise and reorganize the Storage and Disposal Section of the label as follows:

Storage and Disposal

- Do not contaminate water, food or feed by storage and disposal.
- Storage: (instructions need to be provided concerning temperature and other factors?)
- Pesticide Disposal:
- Container Disposal:

A stamped "supplemental label" is enclosed for your records. Submit one copy of your final printed label and incorporate the supplemental labeling into the main label within 18 months. If you have questions about this label review, please contact Dennis McNeilly at (703) 308-6742 or electronically at mneilly.dennis@epa.gov.

Sincerely,

Mary L. Waller
Product Manager 21
Fungicide Branch
Registration Division (7505C)

Enclosure

PRODUCT INFORMATION



Syngenta Crop Protection, Inc.
Greensboro, NC 27409
www.syngenta-us.com

SUPPLEMENTAL LABEL FOR RIDOMIL GOLD® EC

FUNGICIDE

EPA Reg. No. 100-801

Contains 4 lbs. active ingredient per gallon.

For activity against root rots caused by *Pythium* spp., and *Phytophthora* spp., and damping-off caused by *Pythium* spp.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.

This labeling must be in the possession of the user at the time of pesticide application.

SCP 801B-S1 1001

**ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 18 2002**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.**

100-801

DIRECTIONS FOR APPLICATIONS

Herbs (Fresh and Dried)

(Includes angelica; balm; basil; borage; burnet; camomile; catnip; chervil (dried) chive; chive, Chinese; clary; coriander (leaf); costmary; cilantro (leaf); curry (leaf); dillweed; horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marjoram; nasturtium; parsley (dried); pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay; tansy; tarragon; thyme; wintergreen; woodruff; wormwood)

Ridomil Gold EC applied to the soil will control damping-off caused by *Pythium* spp. in herbs. The early season application may be made banded over the row or applied broadcast, when used prior to new growth of perennials or prior to emergence of new plantings.

Preplant Incorporated Application: Apply 1-2 pts. (0.5-1.0 lb. a.i.) of Ridomil Gold EC per treated acre as a soil application in sufficient water to provide uniform coverage and incorporate into the top 2 inches of soil

For banded applications, a minimum of a 7-inch band is recommended. Use the formula in the General Information section of the label to calculate the amount of Ridomil Gold EC needed per acre.

Surface Application: Apply 1-2 pts. (0.5-1.0 lb. a.i.) of Ridomil Gold EC per treated acre at planting in sufficient water to provide uniform coverage. If natural rainfall is not expected within 24 hrs, incorporate mechanically before planting or move into the seed zone after planting with ½-1-inch sprinkler irrigation.

Supplemental applications: In addition to the preplant incorporated or surface application described above, apply 1-2 pts. (0.5-1.0 lb a.i.) of Ridomil Gold EC per acre of crop, as a basally directed spray at 28 days after planting or after the first cutting. The spray should be directed toward the base of the plants and cover 6-8 inches on each side of the plants (i.e., 12-16 inch band width/row). Such application must be incorporated mechanically or by sprinkler irrigation to move the Ridomil Gold EC into the root-zone. Use the formula in the General Information section of the label to calculate the amount of Ridomil Gold EC needed per acre.

Do not apply within 21 days of harvest (21-day PHI).

Do not apply more than 4 pts. (2.0 lb. a.i.) of Ridomil Gold EC per acre per year .

Artichoke, globe

For the control of root rots caused by *Pythium* and *Phytophthora*: Make one application to the soil just prior to transplanting.

Apply at the rate of 1-2 pts. (0.5-1.0 lb. a.i.) Ridomil Gold EC per acre on a broadcast basis.

Apply to the soil surface and incorporate into the top 2 inches of soil either mechanically or with sprinkler irrigation if rain does not occur within 24 hrs. of application.

Do not apply within 200 days of harvest (200-day PHI).

Starfruit

Use for the control of root rots caused by *Pythium* species.

Apply 1.5-3 pts. (0.75-1.5 lbs. a.i.) of Ridomil Gold EC per acre as a soil drench under the tree canopy. Use a sufficient water volume to move the product into the soil profile.

Make two applications. The first application should be made in the spring when root growth begins. The second application should be made in the fall.

Do not apply within 30 days before harvest (30-day PHI).

Kiwifruit

Use for the control of *Phytophthora* root and crown rot of kiwifruit.

Apply 5.6-11.2 oz. (0.175-0.35 lb. a. i.) Ridomil Gold EC in 40 gallons of water. Apply 1 quart, of this solution, as a soil drench in a one square foot area around the base of each vine.

At the above mixing rate, this will apply 0.175 lb.-0.35 lb. active ingredient per acre if the planting density is 160 vines per acre.

Make the first application in the fall after harvest is complete or in February or early March. Make a second application in spring or approximately 60 days after the February to early March application.

Do not apply within 200 days of harvest.

Do not apply more than 1.4 pts. (0.7 lb. a.i.) Ridomil Gold EC per acre per growing season.

Papaya, Black Sapote, Star Apple, Canistel, Mamey Sapote, Mango, Sapodilla

Ridomil Gold EC aids in the control of *Phytophthora* root rot of papaya in nurseries, new plantings in the field, and on bearing plants.

Apply 1.5-3 pts. (0.75-1.5 lbs. a.i.) Ridomil Gold EC per acre in sufficient water or liquid fertilizer to provide an adequate soil drench. Apply to the base of plants in a 1 square foot area. Two applications may be made per growing season. The first application should be made at transplanting or in the spring at root growth flush. A second application may be made up to 30 days prior to first harvest.

Do not apply Ridomil Gold EC as a soil drench if Ridomil Gold Copper will be used as a trunk and foliage spray.

Sugar Apple, Atemoya, Custard Apple

Use for the control of root rot caused by *Pythium* spp.

Apply 1.5-3 pts. (0.75-1.5 lbs. a.i.) of Ridomil Gold EC per acre as a soil drench. Use a sufficient water volume to move the product into the soil profile. Make 1 application in the spring when root growth begins and a second application in the fall. Direct the applications to the soil surface under the canopy of the trees. Apply in sufficient water to provide uniform coverage.

Do not apply within 30 days of harvest (30-day PHI).

Lingonberry

Use for the control of root rot caused by *Phytophthora* spp.

Established Plantings: Apply ¼ pt. (0.125 lb. a.i.) per 1000 linear ft. of row (1.8 lbs. a.i. per acre broadcast) in a 3-ft. band over the row before the plants start growth in the spring. If natural rainfall is not expected within 24 hrs, incorporate mechanically before planting or move into the root zone after planting with 0.5-1 inch sprinkler irrigation. One additional application may be made to coincide with periods most favorable for root rot development.

New Plantings: Apply 3.6 pts. (1.8 lbs. a.i.) per acre broadcast to the soil at or after the time of planting. A second application should be made to coincide with periods most favorable for root rot development. For banded applications, an 18 inch band over the row is recommended. If natural rainfall is not expected within 24 hrs, incorporate mechanically before planting or move into the root zone after planting with 0.5-1 inch sprinkler irrigation. Use the formula in the General Information section of the label to calculate the amount needed per acre.

Note: On new plantings, do not apply more than 0.9 gals. (3.6 lbs. a.i.) per acre broadcast during the 12 months before bearing harvestable fruit, or possible illegal residues may result.

In both new and established plantings, Ridomil Gold EC may be applied up to and including the day of harvest, 0 day PHI.

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SCP 801B-S1

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