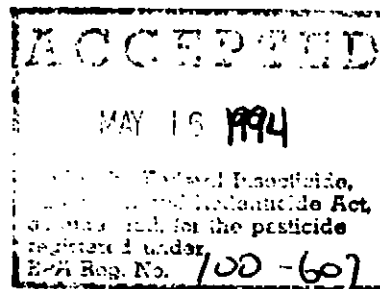


PM 25 100-607

10/17

Ridomil PC® Liquid
Marketing Label Booklet



Twin Pak™

Ridomil® PC Liquid

FUNGICIDE

For control of damping-off, seed and seedling rot diseases of beans and cotton.

Total 345 fl. oz.
U.S. Standard Measure

Ciba (logo)

Ridomil® 2E Fungicide

Active Ingredient:

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester 25.1%

Inert Ingredients: 74.9%

Total 100.0%

Ridomil 2E contains 2 lbs. active ingredient per gallon.

25 fl. oz.
U.S. Standard Measure

EPA REG. NO. 100-607
EPA Est. 100-AL-1

KEEP OUT OF REACH OF CHILDREN.

BEST AVAILABLE COPY

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.)

PCNB 2-E LIQUID Emulsifiable Concentrate

Active Ingredient:

Pentachloronitrobenzene (PCNB) 24.0%

Inert Ingredients:* 76.0%

Total 100.0%

* Contains Aromatic Petroleum Solvent

Contains 2 pounds of PCNB per gallon

2017

320 fl. oz.
U.S. Standard Measure

EPA Reg. No. 5481-212
EPA Est. 100-AL-1

KEEP OUT OF REACH OF CHILDREN.

DANGER - PELIGRO

Statement of Practical Treatment

If in eyes: Immediately flush eyes with plenty of water. Get medical attention immediately.

If on skin: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

If swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting unless under the supervision of a physician.
*Vomiting may cause aspiration pneumonia. This product contains an aromatic solvent.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

See additional precautionary statements and directions for use inside booklet.

Using label instructions, apply the entire contents of this container to the target crop once the container is opened.

CGA 65L29

Ciba Plant Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are unacceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

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DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Ridomil PC® Liquid:

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allow workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or viton
- Chemical-resistant footwear plus shoes plus socks
- Protective eyewear

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

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General Information

Ridomil PC Liquid is a combination of fungicides for the control of certain damping-off, seed and seedling rot diseases in cotton caused by Pythium spp. and Rhizoctonia solani. For the best results, use high quality seed and plant into a properly prepared seedbed.

THIS PRODUCT IS NOT TO BE USED IN FOLIAR APPLICATIONS UNLESS SPECIFIED ON THIS LABEL OR IN SOLUTIONS USED TO DIP PLANTS. DO NOT USE IN NURSERIES, TURF, OR LANDSCAPE PLANTINGS UNLESS SPECIFIED IN THIS LABEL.

Note: Ridomil is a systemic fungicide having a specific mode of action and could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Ciba-Geigy cannot assume liability for crop damage resulting from insensitive strains of fungi. If treatment is not effective following the use of Ridomil as recommended, an insensitive strain of fungi may be present. If the treatment is ineffective due to the presence of a Ridomil insensitive strain of fungi, neither Ridomil nor any other fungicide with similar action will effectively control that disease. Consideration should then be given to the prompt use of other types of suitable fungicides. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance on your particular crop and disease control situation. Do not use Ridomil PC Liquid for disease control in crops grown in greenhouses, lath houses, hydroponics, float houses, or in bedding plant structures.

To avoid spray drift, do not apply when conditions favor drift beyond the target area. Avoid spray overlap, as crop injury may occur.

Mixing Instructions

Prepare no more spray mixture than is required for the immediate operation. When the container is opened, immediately pour the entire contents of this container into the spray tank. Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

Ridomil PC Liquid Alone: Add 1/4 to 1/2 of the required amount of water to the spray tank, add all of the contents of both chambers of the Ridomil PC Liquid container, then add the rest of the water.

Ridomil PC Liquid + Tank Mixtures: Consult your dealer or Ciba Plant Protection sales representative for information concerning the compatibility with other tank mix partners. Note: When using Ridomil PC Liquid in mixture, any product in water soluble packaging should be added to the tank prior to adding Ridomil PC Liquid. Allow water soluble packaging to completely dissolve and the mixture product to completely disperse before adding Ridomil PC Liquid to the tank.

Add 1/4 to 1/2 of the required amount of water to the spray tank. In general, tank mix partners should be added in this order: wettable powders, dry flowable formulations, liquid flowable formulations, and emulsifiable concentrations such as Ridomil PC Liquid. Always allow each tank mix partner to become fully dispersed before adding the next product. Provide sufficient agitation

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while adding the remainder of the water and the Ridomil PC Liquid to the spray tank. Add all of the contents of both chambers of the Ridomil PC Liquid container to the tank at once. Allow the Ridomil PC Liquid to become completely dispersed into the mix water. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

BEFORE TANK MIXING Ridomil PC Liquid WITH OTHER REGISTERED PRODUCTS FOR ANY USE ON THIS LABEL, READ THE LABEL OF THE TANK MIX PARTNER TO BE CERTAIN IT IS LABELED FOR USE ON THE PARTICULAR CROP AND THAT USE PATTERNS ARE COMPATIBLE WITH THOSE OF Ridomil PC Liquid. If using Ridomil PC Liquid in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix partner label. No label dosage rate should be exceeded and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the products are registered.

For banded applications, the area actually is the area covered by the band, not total cropland area planted. Some row-crop recommendations are based on treating in-the-row and these rates generally are specified as amounts (fl. oz.) of product per certain row length (often 1,000 ft.). Others express rates as amount per treated acre which means the total area treated with the pesticide. If rates are expressed as amount per treated acre and banded applications are used, the amount of pesticide used per acre will be proportionately less. The following formula can be used to calculate the amount of Ridomil PC Liquid needed per acre of crop when banded applications are made.

Calculate the amount of Ridomil PC Liquid needed for band treatment by the formula:

$$\frac{\text{band width in inches}}{\text{row spacing in inches}} \times \text{broadcast rate per acre} = \text{amount needed per acre of field}$$

Application Instructions

Ground Application: Apply Ridomil PC Liquid by ground in sufficient water or liquid fertilizer to provide uniform coverage of the soil surface. Apply in a minimum of 20 gals./A for ground applications. Refer to the specific crop directions for use for application recommendations.

Aerial Application: Do not apply Ridomil PC Liquid by aerial application.

Chemigation: Do not apply this product through any type of irrigation system.

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Cotton

For the control of seed and seedling diseases, use the entire contents of this container to treat 5 A of cotton (40-inch row or 13,000 linear ft./A). Apply to furrow and surrounding soil at planting time in 5-15 gals. of water/13,000 linear ft. of row. Mount the spray nozzle so that the spray is directed into the furrow over the seed just before the seeds are covered.

Note: Do not allow the feeding or grazing of cotton foliage by livestock.

Rotational Crops

Do not plant root crops in PCNB treated fields within 12 months of broadcast or banding applications unless PCNB is registered for use on those crops. Note: Root crops where PCNB is registered include peanuts and potatoes.

Do not plant any crop which is not registered for use with metalaxyl in metalaxyl-treated soil for a period of 12 months, with the exception of wheat, barley and oats. See following list.

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<u>Rotation Crop</u>	<u>Planting Time from Last Ridomil PC Liquid Application</u>
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Alfalfa (inc. birdsfoot trefoil)	-0- days
Almonds	-0- days
Apples	-0- days
Asparagus	-0- days
Avocados	-0- days
Blueberries	-0- days
Broccoli	-0- days
Cabbage	-0- days
Cauliflower	-0- days
Chinese Broccoli (gai ion, white flowering broccoli)	-0- days
Chinese Cabbage (tight-heading varieties only)	-0- days
Citrus	-0- days
Cotton	-0- days
Cranberries	-0- days
Cucurbit Vegetables	-0- days
Deciduous Fruits and Nuts	-0- days
Eggplant	-0- days
Head Lettuce	-0- days
Hops	-0- days
Legume Vegetables	-0- days
Papayas	-0- days
Peanuts	-0- days
Peppers	-0- days
Pineapples	-0- days
Potatoes	-0- days
Raspberries	-0- days
Soybeans	-0- days
Spinach	-0- days
Stone Fruits	-0- days
Strawberries	-0- days
Tobacco	-0- days
Tomatoes	-0- days
Walnuts	-0- days
Wheat, Barley, Oats	14 days
Corn	9 months
Crops Not Intended for Food or Feed	-0- days
All Other Crops Intended for Food or Feed	12 months

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Storage and Disposal

Storage Instructions: Store in original container at temperatures above 40°F. Crystals may form at lower storage temperatures. If this occurs, place the product in a warm room (68°F or above) and roll or shake the container at frequent intervals until all crystals are dissolved.

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Pesticide Disposal

Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product are acutely toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used 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 in proper disposal methods.

Container Disposal

Do not reuse empty container. Triple rinse container (or equivalent) and then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. Stay out of smoke from burning containers.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372 day or night.

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Precautionary Statements

Ridomil® 2E:

Hazards to Humans and Domestic Animals

WARNING/AVISO

Causes eye injury. Do not get in eyes. Avoid contact with skin or clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing vapors or spray mist.

Statement of Practical Treatment

If in eyes: Immediately flush with plenty of water. Get medical attention.

If on skin: Wash thoroughly with soap and water. Get medical attention if irritation occurs.

If swallowed: Immediately contact a physician, hospital, or local Poison Control Center. Do not induce vomiting.

If inhaled: Move victim to fresh air. If not breathing, give artificial respiration (preferably mouth to mouth) and get medical attention.

Note to Physician: If Ridomil 2E is ingested, lavage stomach. A slurry of activated charcoal in water can be left in the stomach. Give a saline laxative and supportive therapy.

PCNB 2-E LIQUID:

Hazards to Humans and Domestic Animals

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DANGER - PELIGRO

Corrosive, causes irreversible eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Use with adequate ventilation. Do not contaminate feed or foodstuffs.

Ridomil PC® Liquid:

Personal Protective Equipment :

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing, or loading.
- a Dust/Mist filtering respirator (MSHA/NIOSH) approval number prefix TC-21C.

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

Engineering Control Statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 - Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
-

Environmental Hazards

Ridomil 2E:

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Apply only as specified on this label. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

PCNB 2-E LIQUID:

This pesticide is toxic to fish and aquatic organisms. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Do not apply directly adjacent to potable water supplies.

Physical and Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

Ridomil®, Ridomil PC® and Twin Pak™ are trademarks of Ciba-Geigy Corporation
U. S. Patent No. 4,079,062

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Ciba Plant Protection
Ciba-Geigy Corporation
Greensboro, NC 27419

CGA 65L29

Product ID.

130117

Back Page of Booklet

Twin Pak™

Ridomil® PC Liquid

FUNGICIDE

For control of damping-off, seed and seedling rot diseases of beans and cotton.

Ridomil® 2E Fungicide

Active Ingredient:

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester 25.1%

Inert Ingredients: 74.9%

Total 100.0%

Ridomil 2E contains 2 lbs. active ingredient per gallon.

See directions for use in attached booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA REG. NO. 100-607

EPA Est. 100-AL-1

Ridomil®, Ridomil PC® and Twin Pak™ are trademarks of Ciba-Geigy Corporation

U. S. Patent No. 4,079,062

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25 fl. oz.

U.S. Standard Measure

PCNB 2-E LIQUID Emulsifiable Concentrate

Active Ingredient:

Pentachloronitrobenzene (PCNB) 24.0%

Inert Ingredients: 76.0%

Total: 100.0%

* Contains Aromatic Petroleum Solvent

14017

Contains 2 pounds of PCNB per gallon

320 fl. oz.

U.S. Standard Measure

EPA Reg. No. 5481-212

EPA Est. 100-AL-1

Ciba Plant Protection

Ciba-Geigy Corporation

Greensboro, NC 27419

CGA 65L29

Ridomil PC Liquid
Base Label - Opposite Side Of Container

Ridomil® 2E:

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.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes eye injury. Do not get in eyes. Avoid contact with skin or clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing vapors or spray mist.

Statement of Practical Treatment

- If in eyes:** Immediately flush with plenty of water. Get medical attention.
- If on skin:** Wash thoroughly with soap and water. Get medical attention if irritation occurs.
- If swallowed:** Immediately contact a physician, hospital, or local Poison Control Center. Do not induce vomiting.
- If inhaled:** Move victim to fresh air. If not breathing, give artificial respiration (preferably mouth to mouth) and get medical attention.

Note to Physician: If Ridomil 2E is ingested, lavage stomach. A slurry of activated charcoal in water can be left in the stomach. Give a saline laxative and supportive therapy.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Apply only as specified on this label. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

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Physical and Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

Chemigation: Do not apply this product through any type of irrigation system.

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PCNB 2-E LIQUID

KEEP OUT OF REACH OF CHILDREN.

DANGER - PELIGRO

Hazards to Humans and Domestic Animals

Corrosive, causes irreversible eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Use with adequate ventilation. Do not contaminate feed or foodstuffs.

Statement of Practical Treatment

If in eyes: Immediately flush eyes with plenty of water. Get medical attention immediately.

If on skin: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

If swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting unless under the supervision of a physician. Vomiting may cause aspiration pneumonia. This product contains an aromatic solvent.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

Environmental Hazards

This pesticide is toxic to fish and aquatic organisms. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Do not apply directly adjacent to potable water supplies.

Physical and Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

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Chemigation: Do not apply this product through any type of irrigation system.

Storage and Disposal

Storage Instructions: Store in original container at temperatures above 40°F. Crystals may form at lower storage temperatures. If this occurs, place the product in a warm room (68°F or above) and roll or shake the container at frequent intervals until all crystals are dissolved.

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Pesticide Disposal

See later booklet for proper disposal of pesticide wastes.

Container Disposal

Do not reuse empty container. Triple rinse container (or equivalent) and then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. Stay out of smoke from burning containers.

Ciba Plant Protection
Ciba-Geigy Corporation
Greensboro, NC 27419

CGA 65L29

[GANNC; C.LABEL; R.LBL-R-MS; RDMLPCTP] - CCG - 3/22/94