

100-654

06/28/2000

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JUN 28 2000

Dr. Robert E.M. Wurz  
Novartis Crop Protection  
P.O. Box 18300  
Greensboro, NC 27419

Dear Dr. Wurz:

Subject: Label Amendment- add additional crop uses  
Trigard  
EPA Registration Number 100-654  
Your submission dated May 3, 2000

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit three (3) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Please provide residue data for lima beans without the pod.

Sincerely,

George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505C)

Enclosure

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(4/28/00 w/GW Advisory)  
Current Label (Stand-Up Pouch Booklet)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JUN 28 2000  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
100-654

Trigard®

Accu-Pak®

INSECTICIDE

For leafminer control in leafy vegetables (except Brassica vegetables),  
lima beans, peppers, cucurbits, tomatoes, Chinese mustard (Florida Use  
Only), and Chinese cabbage (Florida Use Only).

Active Ingredient:

Cyromazine: (CAS No. 66215-27-8)

2,4,6-triamine ..... 75.0%

Other Ingredients: ..... 25.0%

Total: ..... 100.0%

Trigard is a wettable powder.

EPA Reg. No. 100-654

EPA Est. 67545-AZ-1

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use inside  
booklet.

This outer protective container contains Trigard in 6 small water-soluble  
packets. These packets and their contents dissolve in water. After  
opening outer container, immediately dump the required number of  
unopened packets into the partially filled sprayer or mix tank. Do not  
handle the soluble packets or expose them to moisture, since this may  
cause rupturing.

Product of Great Britain

Formulated in the United States.

6 X 2.66 OUNCE  
Water-Soluble Packets

15.96 OUNCES  
Total Net Weight

NCP 654A-L1(GWA)

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**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 not acceptable, return the unopened product container at once.

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**CONDITIONS OF SALE AND WARRANTY**

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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 Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis 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. **Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Novartis 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 Novartis.

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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.

**Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.**

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
- Waterproof gloves
- Chemical-resistant footwear plus socks

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY AND/OR POOR INSECT CONTROL.**

Trigard is a 75% wettable powder which, when mixed with water according to the directions for use given below, will control certain insect species on designated crops.

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### Mixing Instructions

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate thoroughly before and during application. Good bypass agitation is sufficient to keep Trigard thoroughly mixed. Flush spray tank thoroughly with water daily after use and dispose of pesticide rinsate by application to an already treated area.

**Trigard Alone:** Add  $\frac{2}{3}$  of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of **unopened** soluble packets of Trigard into the tank. (One 2.66 oz. water-soluble packet of Trigard will treat one acre of leafy vegetables, peppers, cucurbits, tomatoes, Chinese mustard (Florida Use Only), or Chinese cabbage (Florida Use Only).) Continue agitation while adding the remainder of the water.

**Note:** Do not let spray mixture stand overnight in the spray tank. Rinse spray tank at the end of the day.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as crop injury may result.

Aerial applications should be used only when conditions exist that prohibit application by ground equipment. Applications by ground equipment should be directed toward crop foliage.

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

**Greenhouses:** Do not use this product in greenhouses.

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### **LEAFY VEGETABLES\* (EXCEPT BRASSICA VEGETABLES)**

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\*Leafy vegetables include: Amaranth, arugula, cardoon, celery, celtuce, chervil, chrysanthemum, corn salad, cress, dandelion, dock, endive, fennel, lettuce, orach, parsley, purslane, radicchio, rhubarb, spinach, and Swiss chard.

For leafminer control, apply  $\frac{1}{6}$  lb. (one packet) of Trigard per acre as a foliar spray when leafminers first appear. Apply by air in a minimum of 5 gals. of water per acre, or by ground in a minimum of 10 gals. of water per acre, using sufficient carrier to achieve adequate coverage. Repeat applications at 7-day intervals or as necessary to maintain control.

**Notes:** (1) Do not make more than 6 applications to one crop of celery or head lettuce. (2) For all other leafy vegetable crops, do not make more

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than 5 applications per crop, and (3) Do not make the last application within 7 days of harvest, or illegal residues may result.

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**CHINESE MUSTARD (FLORIDA USE ONLY) AND CHINESE CABBAGE (FLORIDA USE ONLY)**

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For leafminer control, apply 1/6 lb. (one packet) of Trigard per acre as a foliar spray when leafminers first appear. Apply by air in a minimum of 5 gals. of water per acre, or by ground in a minimum of 10 gals. of water per acre, using sufficient carrier to achieve adequate coverage. Repeat applications at 7-day intervals or as necessary to maintain control.

**Notes:** (1) Do not make more than 6 applications to one crop of Chinese mustard or Chinese cabbage, and (2) Do not make the last application within 7 days of harvest, or illegal residues may result.

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**PEPPERS**

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For leafminer control, apply 1/6 lb. (one packet) of Trigard per acre as a foliar spray when leafminers first appear. Apply by air in a minimum of 5 gals. of water per acre, or by ground in a minimum of 10 gals. of water per acre, using sufficient carrier to achieve adequate coverage. Repeat applications at 7-day intervals or as necessary to maintain control.

**Notes:** (1) Do not make more than 6 applications to one crop of tomatoes, and (2) Tomatoes may be harvested on the same day of the last application.

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**CUCURBITS\***

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\*Cucurbits include balsam pear (bitter melon), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, edible gourds, melons (including hybrids: cantaloupe, casaba, crenshaw, honeydew melons, honey balls, mango melon, muskmelon, Persian melon), pumpkin, summer squash, winter squash, and watermelon (including hybrids).

For leafminer control, apply 1/6 lb. (one packet) of Trigard per acre as a foliar spray when leafminers first appear. Apply by air in a minimum of 5 gals. of water per acre, or by ground in a minimum of 10 gals. of water per acre, using sufficient carrier to achieve adequate coverage. Repeat applications at 7-day intervals or as necessary to maintain control.

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**Notes:** To avoid possible illegal residues, (1) Do not make more than 6 applications per growing season to cucurbits, and (2) Cucurbits may be harvested on the same day of the last application.

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## **TOMATOES**

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For leafminer control, apply  $\frac{1}{8}$  lb. (one packet) of Trigard per acre as a foliar spray when leafminers first appear. Apply by air in a minimum of 5 gals. of water per acre, or by ground in a minimum of 10 gals. of water per acre, using sufficient carrier to achieve adequate coverage. Repeat applications at 7-day intervals or as necessary to maintain control. At the  $\frac{1}{8}$  lb. rate, Trigard will also provide suppression of Colorado Potato Beetle.

**Notes:** (1) Do not make more than 6 applications to one crop of tomatoes, and (2) Tomatoes may be harvested on the same day of the last application.

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## **LIMA BEANS, DRY OR GREEN**

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For leafminer control, apply  $\frac{1}{8}$  lb. (one packet) of Trigard per acre as a foliar spray when leafminers first appear. Apply by air in a minimum of 5 gals. of water per acre, or by ground in a minimum of 10 gals. of water per acre, using sufficient carrier to achieve adequate coverage. Repeat applications at 7-day intervals or as necessary to maintain control.

**Notes:** (1) Do not make more than 6 applications to one crop of lima beans; (2) Do not apply more than 0.88 lb. (0.66 lb. active ingredient) to one crop; and (3) Do not make the last application within 7 days of harvest, or illegal residues may occur.

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### Rotational Crops

The following "plant-back intervals" must be observed when planting rotational crops after an application of Trigard:

Rotational Crop	Planting Time From Last Application of Trigard (Days)
All crops on the Trigard label, onions and potatoes	0 days
Sweet corn, radishes and cotton	30 days
Any other crop	300 days

### STORAGE AND DISPOSAL

Store in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal. Do not use in animal feeds.

**Storage** - Do not store this product under wet conditions. Handle outer container carefully to avoid breakage of water-soluble packets.

**Pesticide Disposal** - Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions, must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

**Container Disposal** - Do not reuse outer container. Dispose of empty outer container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 procedures 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**

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**Hazards to Humans and Domestic Animals****CAUTION**

Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust.

**Statement of Practical Treatment**

**If swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**If on skin:** Wash with plenty of soap and water. If irritation develops or persists, get medical attention.

**If in eyes:** Flush with plenty of water. If irritation develops or persists, get medical attention.

**If inhaled:** Move to fresh air.

**Personal Protective Equipment****Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks

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.

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**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.

**Environmental Hazards**

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 water. Do not apply when weather conditions favor drift from target area.

**Ground Water Advisory**

Melamine has been found in ground water, possibly as a result of agricultural use. Use of this product in areas where soils are permeable and water tables are shallow could result in leaching to ground water. Irrigation could increase the risk of contamination.

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Novartis Crop Protection, Inc.  
Greensboro, North Carolina 27419  
[www.cp.us.novartis.com](http://www.cp.us.novartis.com)

NCP 654A-L1(GWA)

[QUARK/TRIGARD/N-TRGD-BKLT-H] - ccg - 5/1/00

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Base Label

Trigard®

Accu-Pak®

INSECTICIDE

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Active Ingredient:

Cyromazine: (CAS No. 66215-27-8)

2,4,6-triamine .....75.0%

Other Ingredients: .....25.0%

Total: .....100.0%

Trigard is a wettable powder.

EPA Reg. No. 100-654

EPA Est. 67545-AZ-1

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.

6 X 2.66 OUNCE  
Water-Soluble Packets

15.96 OUNCES  
Total Net Weight

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**KEEP OUT OF REACH OF CHILDREN.****CAUTION****Precautionary Statements****Hazards to Humans and Domestic Animals**

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