

United States Environmental Protection Agency

February 1, 1999

Mr. John S. Thornton
Bayer Corporation
8400 Hawthorn Road, P.O. Box 4913
Kansas City, MO 64120-0013

Subject: Change in Label Language, Note to Physician, and Application Rates
Vision Tomato & Vegetable Insect Killer Concentrate, EPA Reg. No. 3125-502
Vision Tomato & Vegetable Insect Killer Ready to Use, EPA Reg. No. 3125-503
Vision Lawn Insect Killer Ready-to-Use, EPA Reg. No. 3125-506

Dear Mr. Thornton:

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records. Please submit two (2) copies of your final printed labeling before you release the product for shipment.

For Vision Tomato & Vegetable Insect Killer Concentrate, EPA Reg. No. 3125-502:

Add the statement "Food Utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide" to your Precautionary Statements. We note that you added this statement to your submission of 3/23/98, but you have deleted it from this label.

CONCURRENCES							
SYMBOL ▶	H7505C						
SURNAME ▶	<i>Reigwin</i>						
DATE ▶	Feb 1, 1999						

United States Environmental Protection Agency

Since you have changed the lawn application rate to the amount of product needed per gallon of water to cover 500 square feet we recommend deletion of the statement "Be sure to use plenty of water to apply product evenly over lawn."

For Vision Tomato & Vegetable Insect Killer Ready to Use, EPA Reg. No. 3125-503:

Add the statement "Food Utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide" to your Precautionary Statements. Note that this had been requested previously in our 3/11/98 "Notice of Registration". Please make the change.

If you have any questions regarding this action, please contact Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

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

CONCURRENCES							
SYMBOL ▶	H7505C			2			
SURNAME ▶							
DATE ▶	Feb 1, 1999						

U.S. LABEL

Base Reg Pre-Reg (92423)

Reason to Issue: To revise for consistency based on EPA
comments.

Date of Pre-Reg Draft: 10/29/98 (B)
Supersedes Pre-Reg Draft Dated: 05/12/98

VisionTM Tomato & Vegetable Insect Killer Concentrate

Product Description

- Just one application quickly kills insects.
- Apply to tomatoes up to harvest.
- Protects up to 14 days.

VISION Tomato & Vegetable Insect Killer Concentrate is a highly effective insecticide designed to be mixed with water to kill insect pests on

- lawns
- trees
- shrubs
- flowers
- vegetables

Ingredients**ACTIVE INGREDIENT:**

Cyfluthrin 0.75 %

OTHER INGREDIENTS* 99.25 %
100.00 %

- * Other ingredients include: Purified water, organic solvent (less than 0.1%, to dissolve the active ingredient for mixing) and surfactants (to keep the active ingredient dispersed in water).

Net Contents: 16 oz or 32 oz

EPA Registration Information

EPA Reg. No. 3125-502

EPA Est. No. XXXX-AA-1

IMPORTANT INFORMATION

**STOP - Read This Entire Label Before Use
KEEP OUT OF REACH OF CHILDREN**

FOR OUTDOOR RESIDENTIAL USE ONLY

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

- Harmful if swallowed or inhaled.
- Causes eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.

ACCEPTED
with COMMENTS
in EPA Letter Dated

FEB - 1 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, this product is
registered under EPA Reg. No.

3125-502

VISION Tomato & Vegetable Insect Killer Concentrate

First Aid

The table below describes the first aid procedures for incidents involving VISION Tomato & Vegetable Insect Killer Concentrate Insecticide.

IN THE CASE OF ACCIDENTAL...	IMMEDIATELY...
Swallowing	If the person is able to swallow: <ul style="list-style-type: none"> • Have them sip 1 to 2 glassfuls of water • Call a doctor or poison control center for further treatment advice
Contact with eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water. • Continue to rinse eye for 10 to 15 minutes. • Call a doctor if irritation persists.
Inhalation	<ul style="list-style-type: none"> • If breathing is affected, move person to fresh air • Contact doctor or poison control center for further treatment advice • If not breathing, call an ambulance and give artificial respiration.
NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call 800-414-0244 for medical emergency information. Active Ingredient: Cyfluthrin [CAS #68359-37-5]	

Note to Physician: No specific antidote is available. Treat the patient symptomatically.

Environmental Hazards

- This pesticide is toxic to fish. Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.
- This pesticide is highly toxic to bees. Do not apply VISION Tomato & Vegetable Insect Killer Concentrate when bees are active.
- Apply this product only as specified on this label.

Quick Facts

For outdoor residential use only.

Coverage: Makes up to XX gallons.

Kills: Aphids, Armyworms, Cabbage Loopers, Cutworms, Flea beetles, Stinkbugs, Tomato hornworms, and Whiteflies. Also kills Carrot weevils, Corn earworms, Corn borers, Thrips and others listed.

Where to Use: Vegetables

Re-entry: Re-enter when spray is dry.

EPA Reg. No. 3125-502, EPA Est. No. XXXX-AA-1

Always read entire product label before use.

Information: 1-800-414-0244

Bayer Corporation
Garden & Professional Care
Box 4913, Kansas City, MO 64120-0013

DIRECTIONS FOR USE IMPORTANT: Follow Label Directions

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For best results, read and follow all label directions.

Responsible Use Before Use

To use this product responsibly, follow these guidelines when applying VISION Tomato & Vegetable Insect Killer Concentrate Read and follow these directions when using:

- Apply the product to flowering plants during early morning or late evening, when bees are not present.
- Do not spray the product into fish pools, ponds, streams, or lakes.
- Remove animal feeding dishes prior to application. Keep children and pets away from treated areas until spray has dried.

VISION Tomato & Vegetable Insect Killer Concentrate

How to Apply

- To apply VISION Tomato & Vegetable Insect Killer Concentrate Insecticide
- Apply the product using the appropriate spray equipment, such as tank and hose end sprayers or pump sprayers.

How to Use

- Read chart (in back label booklet) for amount of concentrate to use.
- Open flip-top lid.
- Carefully squeeze bottle until concentrate reaches fill line.
- Mix with water according to label directions.
- **Note:** do not squeeze bottle too hard as the measuring cap may overflow.

NUISANCE PESTS (In Ornamental Areas and Areas Adjacent to Buildings)		
PESTS	HOW MUCH TO USE	APPLICATION GUIDELINES
Ants Boxelder bugs Clover mites Cockroaches Crickets Earwigs Flies Midges Mosquitoes Pillbugs Sowbugs Spiders Wasps	1/2 fl oz (1 Tablespoon) per gallon of water	<ul style="list-style-type: none"> • Apply when pests first appear. • Spray thoroughly onto areas where pests appear, such as: <ul style="list-style-type: none"> - beneath shrubbery - around foundations, and - in tall grass or weeds • Reapply at 7 to 14 days, if needed.

ORNAMENTAL PLANT APPLICATIONS (Trees, Shrubs, Ground Covers, Evergreens, Flowers, and Foliage Plants)		
PESTS	HOW MUCH TO USE	APPLICATION GUIDELINES
Aphids Bagworms Boxelder bugs Clover mites Elm leaf beetles Grasshoppers Gypsy moth larvae Japanese beetles (adult) Lace bugs Leaf-feeding caterpillars Leaf-feeding beetles Leafhoppers Mealybugs Pillbugs Plant bugs Scale insects (crawler stages) Spittlebugs Thrips Whiteflies	1/2 fl oz (1 Tablespoon) per gallon of water	<ul style="list-style-type: none"> • Apply when pests or damage first appear. • Spray area thoroughly. • When spraying hard-to-wet foliage such as holly, pine, or ivy, the addition of a spreader/sticker is recommended. • Reapply at 7 to 14 days, if needed.

LAWN APPLICATIONS		
PESTS	HOW MUCH TO USE	APPLICATION GUIDELINES
Ants Armyworms Bluegrass billbug (adult) Chinch bugs Chiggers Crickets Cutworms Earwigs Fire ants Fleas Grasshoppers Hyperodes weevil (adult) Japanese beetles (adult) Mole crickets Sod webworms Ticks (including deer ticks)	63 fl oz per 1000 gallon of water (covers 500 sq ft)	<ul style="list-style-type: none"> • Set spray equipment to dispense a coarse, large droplet. • Be sure to use plenty of water to apply product evenly over lawn. • Apply when pests first appear. • Do not water or mow the lawn for 24 hours after application. • Reapply if reinfestation occurs. • Remove animal feeding dishes prior to application. Keep children and pets away from treated areas until lawn has completely dried.

VISION Tomato & Vegetable Insect Killer Concentrate

VEGETABLE GARDENS				
Application rate: Mix 1 Tablespoon of VISION Tomato & Vegetable Insect Killer Concentrate per gallon of water. Apply when pests or damage first appear. Spray area thoroughly and reapply as needed, observing days to wait before harvest and total number of applications that can be made.				
VEGETABLE	PESTS		TIME TO WAIT AFTER SPRAYING BEFORE HARVEST	TOTAL NUMBER OF SPRAYS ALLOWED PER SEASON
Carrots Radishes Sweet Corn Tomatoes	Armyworms Aster leafhoppers Cabbage loopers Carrot weevils Chinchbugs Colorado potato beetles Corn borers Corn earworms Corn rootworms (adults) Cutworms	Flea beetles Grasshoppers Leafminers Potato aphids Stinkbugs Tomato Fruitworms Tomato Hornworms Tomato Pinworms Western Flower Thrips	No waiting	5
Peppers	Armyworms Cabbage loopers Celery leaf tiers Corn borers Corn earworms	Garden webworms Leafminers Pepper weevils Potato leafhoppers Thrips	7 days	6
Sunflowers	Banded sunflower moths Budmoths Cutworms Grasshoppers Head clipper weevils	Midges Seed weevils Stem weevil adults Sunflower beetles Sunflower moths	30 days	3

Pump Style Tank Sprayers

1. Measure amount of concentrate from the charts above into sprayer TANK.
2. Dilute with 1 gallon of water.
3. Close sprayer and shake well before applying.

"Concentrate Only" Dial-Style Hose-End Sprayers

1. Fill sprayer jar with enough concentrate to cover area to be treated. Do not add water.
2. Close sprayer and set dial to the setting specified in the charts above.
3. Attach sprayer to hose and apply.
4. Begin treating the areas farthest from the faucet, working backwards to avoid walking over treated areas.

"Concentrate Plus Water" Hose-End Sprayers

1. Use the charts above to determine the amount of concentrate required.
2. Pour concentrate into sprayer jar and measure to the required "fl oz" level.
3. Add the appropriate amount of water to the "gals" level.
4. Replace sprayer top on jar and shake well before applying.

IMPORTANT: Directions for Storage and Disposal

Storage Conditions

Store VISION Tomato & Vegetable Insect Killer Concentrate in an area out of reach of children, preferably a locked storage cabinet. Protect from freezing.

VISION Tomato & Vegetable Insect Killer Concentrate

Disposal

- Do not reuse empty container.
- Rinse the empty product container thoroughly.
- Include rinse water in application.
- Place container in trash.

Important: It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow all state and local guidelines.

NOTICE

Research and testing has determined that the "Directions for Use" are appropriate for the proper use of VISION Tomato & Vegetable Insect Killer Concentrate under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.