

PM 23

4-122

1976

NOV 13 1996

Ms. Annabel Olson
Bonide Products, Inc.
2 Wurz Ave.
Yorkville, NY 13495

Dear Ms. Olson:

Subject: Bonide® A Complete Fruit Tree Spray
EPA Registration No. 4-122
Application Dated October 24, 1996, Re: Revised
Label To Comply with Labeling Requirements for
End-Use Products Containing Carbaryl as an Active
Ingredient for Residential Use: EPA Letter Dated
October 1, 1996

The propose amended labeling for the subject pesticide
product is acceptable under the Federal Insecticide, Fungicide
and Rodenticide Act as amended provided that you:

1. Place the "User Safety Requirements" section of the proposed labeling in a box as directed by the subject October 1, 1996 letter.
2. The restrictive statements in the Directions of Use for sites: Don't spray pollinators." and "Fungicide alone may be applied for disease." must be clarified to read: "To protect pollinating insects do not spray during blossoming period." and "Use another product that contains only a fungicide during the blossoming period, if disease control is needed".
3. The statement "Dormant sprays are recommended, use Bonide Horticultural Dormant Oil up to 7 days before green tip application" must be deleted from this label as it is not germane to the directions of use for the subject product. It conflicts with the claim that the product is a "complete" product for the uses claimed.
4. Submit five (2) printed copies of your final printed labeling before you release the product for shipment.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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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 labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

E.Wilson: DisketteABC32:11-13-96

BONIDE

A COMPLETE FRUIT TREE SPRAY

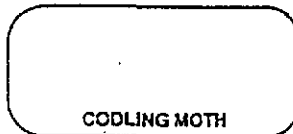
THIS ONE SPRAY WILL PROTECT LISTED FRUIT AND BERRIES AND ROSES, EVERGREENS AND FLOWERS FROM BOTH INSECTS AND DISEASES.



LEAFHOPPER



LEAF SPOT



CODLING MOTH

ACTIVE INGREDIENTS:

EPA Est. No. 4-NY-1

EPA Reg. No. 4-122

*Captan.....	11.76%
Related derivatives.....	.24%
Malathion (0,0-dimethyl dithiophosphate of diethyl mercaptosuccinate).....	6.00%
**Methoxychlor: 1,1,1-trichloro-2, 2-bis (p-methoxyphenyl) ethane.....	12.00%
Carbaryl (1-naphthyl N-methylcarbamate).....	0.30%
INERT INGREDIENTS.....	69.70%
Contains Petroleum Distillate	
*N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide	
**Equivalent to 10.56% 2,2-bis (p-methoxyphenyl)-1,1,1-trichloroethane and 1.44% of other isomers and related compounds.	

DANGER KEEP OUT OF REACH OF CHILDREN
See side panel for additional precautionary statements.

NET CONTENTS

ACCEPTED
with COMMENTS
In EPA Letter Dated
NOV 13 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
4-122

REC'D LEAFHOPPER/PPDI
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BONIDE A COMPLETE FRUIT TREE SPRAY
EPA Reg. No. 4-122

PRECAUTIONARY STATEMENTS—HAZARDS TO HUMANS AND DOMESTIC ANIMALS—DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing.

USER SAFETY REQUIREMENTS

Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing and applying this product.

Wear a hat and eye protection when making overhead applications.

Remove clothing immediately if pesticide soaks clothing. Change clothing as soon as possible after use.

Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.

Do not allow children or pets to contact treated area until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT.

If in eyes: Flush with plenty of water. Call a physician. If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists. If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not clean equipment or dispose of equipment wash waters in a manner that will contaminate water resources. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Extremely flammable. Keep away from fire, sparks and heated surfaces.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Storage: Store in a cool dry area inaccessible to children or pets. Disposal: Do not reuse empty container. Wrap container and put in trash collection. Pesticide Disposal: Wrap original container in several layers of paper and put in trash.

Apply when air is calm to avoid drift and contact with eyes and skin.

Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces. Allow spray to dry in treated areas before reentering.

For trees taller than 10 feet, consider hiring a licensed professional.

Spray thoroughly to wet upper and lower leaf surfaces, stems and branches.

Do not repeat applications more than once a week.

BONIDE FRUIT TREE SPRAY is a complete concentrate containing insecticide, fungicide, aphicide, miticide, scabicide and spreader-sticker. Easy to use; mixes with water instantly; no plugged nozzles; no messy powders to handle, measure or mix; no pre-mixing or straining necessary. Designed especially for home orchards to protect apples, cherries, grapes, peaches, strawberries, roses, evergreens and flowers from the ravages of insects and diseases listed below.

SHAKE PRODUCT THOROUGHLY BEFORE USING. Contains micronic particles which settle upon standing and require reblending by agitation. Choose a cool, calm period, preferably early morning or evening, when trees will not be subjected to hot direct rays of the sun. Do not apply if rain is expected before leaf surfaces dry. It is easier to prevent disease and scale damage than to cure same, therefore a preventative 10-14 day spray schedule is recommended. When insects are present, use maximum dilution. When active disease spores are present (warm humid days), shorten spray intervals to 5-7 days at maximum dilution. Apply spray to leaves, fruit branches, trunk and base of tree until lightly dripping. Shake sprayer occasionally or agitate to keep spray particles in suspension during application. Follow spray schedule given below in kitchen tablespoons per gallon of water. Observe caution statement and cautions for fruit to be treated. Do not apply this product through any type of irrigation equipment.

DIRECTIONS FOR USE: Use 1 to 2 pts. spray suspension on 5 to 8 ft. trees. Use 1 to 2 qts. spray suspension on 8 to 14 ft. trees. On large trees use 1 to 3 gals. spray suspension.

SPRAY CHART

The following chart rates are shown as lbsps. Fruit Tree Spray per gal. water.

Fruit	Insects/Diseases	Dormant	Green Tip	Pre Bloom	Full Pink	Bloom	Petal Fall	1st Cover	2nd Cover to Harvest
Apple**	apple maggots, codling moths, Japanese beetles, leafhoppers, plum curculios, aphids, bud moth, Forbes scale, eastern tent caterpillar, red banded leaf roller, mites, bitter rot, black rot, froggy leaf spot, black pox, botryosphaeria (white rot), botrytis rot, bullseye rot, Brooks fruit spot, flyspeck, cedar rust, quince rust, scab, sooty blotch	Dormant — absence of growth fall, winter or spring. Dormant sprays are recommended. Use Bonide Dormant Oil up to 7 days before Green Tip application.	1 1/2 lbs.	2 1/2 lbs.	2 1/2 lbs.	Bloom — When blossoms are open. Don't spray pollinators. Fungicide alone may be applied for disease.	2 1/2 lbs.	2 1/2 lbs.	2 1/2 lbs.
Cherry***	plum curculios, cherry fruit flies, cherry fruit worms, black cherry aphid, fruit tree leaf roller, bud moth, Japanese beetle, Botrytis rot, brown rot, leaf spot		1 1/2 lbs.	2 1/2 lbs.	2 1/2 lbs.		2 1/2 lbs.	2 1/2 lbs.	2 1/2 lbs.
Grape***	flea beetles, Japanese beetles, grape leaf skeletonizers, rose chalcids, grape berry moths, spider mites, mealy bugs, leafhoppers, black rot, downy mildew (berries only), botrytis rot		1 1/2 lbs.	2 1/2 lbs.	2 1/2 lbs.		2 1/2 lbs.	2 1/2 lbs.	2 1/2 lbs.
Peach**	plum curculio, Japanese beetle, spider mite, oriental fruit moth, green peach, black cherry, black peach rusty plum aphids, brown rot, rhizopus, scab, brown rot (blossom blight), coryneum blight		1 1/2 lbs.	1 1/2 lbs.	2 1/2 lbs.		2 1/2 lbs.	2 1/2 lbs.	2 1/2 lbs.

*For Grapes: Do not use more than 2 Qts. of spray suspension per 100 sq. ft. of grape vine. All rates are per one gallon water. NOTE: Shake well before using.
 **Make no more than 8 foliar applications per growing season.
 ***Make no more than 7 foliar applications per growing season.

BONIDE A COMPLETE FRUIT TREE SPRAY
EPA Reg. No. 4-122

Strawberries — Insects: Strawberry weevils, aphids, spider mites, lygus bugs, flea beetles, omnivorous leafhopper, spittle bugs, Japanese beetles, field crickets. Diseases: Botrytis rot (gray mold), leaf spots. Use 2½ tsp. concentrate per gal. of water. Allow 14 days between last application and harvest. Do not use more than 3 qts. of spray suspension per 100 sq. ft. of strawberries (broadcast spray) or per 100 linear feet of band or row 1 ft. wide (banded or directed) spray per single application. Make no more than 8 foliar applications per growing season.

ROSES, EVERGREENS, AND FLOWERS

Insects: Aphids, apple maggot, bagworm, black cutworm, bud moth, cherry fruit fly and worm, codling moth, plum curculio, flea beetles, fruit tree leaf roller, gypsy moth, Jap beetle, leaf hoppers, lesser peach tree borer, mealy bugs, mites (clover, European red, two spotted and Wilmette), oriental fruit moth, pear slugs, psylla, red banded leaf roller, scale (Forbes, Putman, San Jose), spittle bug, tent caterpillars, unspotted tentiform leaf miner, and yellow neck caterpillar.

Diseases: Bitter rot, black pox, black rot, blossom blight, Botrytisphaeria rot, botrytis blossom end rot, Brooks fruit spot, brown rot, coryneum blight, downy mildew, fly speck, frog eye, fruit rot, leaf spot, scab, and sooty blotch.

MIX 1½ TBS. PER GALLON OF WATER.

Begin applications when pests or disease symptoms first appear or conditions favor their development and repeat at weekly intervals or as necessary to maintain control. Remember, it is easier to prevent damage than to cure it. Therefore, a preventative spray schedule is recommended. Do not use if rain is expected shortly after application. Select still periods for application (early morning or evening) to reduce waste by blow away and blow back applicator. 2 tablespoons = 1 ounce = 1/128 gallon.

Buyer's Guarantee Limited to Label Claims.

Manufactured by

BONIDE PRODUCTS, INC., YORKVILLE, NY 13495