

DOCUMENT SCAN CONTROL SHEET

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EPA # 4-122

EPA #
For SLN

Product BONIDE A COMPLETE FRUIT TREE SPRAY (NO METHOXYCHLOR
Name FORMULATION)

Accepted
Date 1/26/2007

Document
Type PRILAB

Registration ID 41874

100% Complete

Fruit 'lree Spray

C . o . n . c . e . n . t . r . a . t . e
MAKES UP TO 21 GALLONS

ACTIVE INGREDIENTS

Capryl.....	(CAS No. 133-06-2)	11.76%
Related derivatives.....		0.24%
Malathion.....	(CAS No. 121-75-5)	6.00%
Carbaryl.....	(CAS No. 63-25-2)	0.30%
OTHER INGREDIENTS		81.70%
TOTAL		100.00%

Contains Petroleum Distillate
EPA Est. No. 4-NY-1
EPA Reg. No. 4-122

KEEP OUT OF REACH OF CHILDREN
WARNING
(See Back Panel for First Aid and Additional Precautionary Statements)
Net Contents 16 FL. OZ. (1 Pt.) (473 ML.)

XXXXXXXX



**Controls Both Insects
& Diseases On...**

- Fruit Trees
- Flowers
- Evergreens
- Strawberries

202

ACCEPTED
FOR REGISTRATION

JAN 26 2007

NYSDEC

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Fruit Tree Spray

ESTABLISHED SINCE 1924
BONIDE

Controls Both Insects
& Diseases On:
Fruit Trees
Flowers
Evergreens
Strawberries

ACTIVE INGREDIENTS	
Malathion.....	11.75% (CAS No. 133-06-2)
Permethrin.....	1.75%
Metolachlor.....	0.25%
Carbaryl.....	0.00% (CAS No. 121-75-8)
OTHER INGREDIENTS	0.30% (CAS No. 63-25-2)
TOTAL	13.75%
EPA Reg. No. 44971 Concentrated Petroselin Distillate EPA Reg. No. 4-122	

KEEP OUT OF REACH OF CHILDREN
WARNING
(See Back Panel for First Aid and Additional Precautionary Statements)
Net Contents 16 FL. OZ. (1 Pt.) (473 ML.)

XXXXXXXX

A COMPLETE FRUIT TREE SPRAY Concentrate

CONTROLS: Listed insects, such as Japanese beetles, mites, flea beetles, aphids and diseases, such as black spot, downy mildew, brown rot, coryneum blight...

USE: To protect apples, cherries, grapes, strawberries, peaches, roses, evergreens, and flowers. **MIX:** 1½ to 2½ Tbs. per gallon of water as directed in the directions for use. Easy to use; mixes with water instantly, no pre-mixing. **Read and use according to label directions.**

APPLY: Using a hose end or tank sprayer.

Store and transport in an upright position.
EPA Est. No. 4-NY-1 EPA Reg. No. 4-122
Buyers Guarantee Limited to Label Claims.

BONIDE PRODUCTS, INC.
6301 Sutliff Road
Oriskany, NY 13424

Pint



sprayer occasionally or agitate to keep spray particles in suspension during application. Carefully read and follow the spray schedule.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

General Precautions & Restrictions

- **ENTRY RESTRICTIONS:** Do not allow people or pets to enter the treated area until sprays have dried.
- Do not apply this product in a way that will contact any person or pet, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures or rangelands, either directly or through drift. Keep people and pets out of the area during application.
- Apply when air is calm (not more than 10 mph) using largest spray droplet size possible to avoid drift and contact with eyes and skin.
- Do not apply to residential lawns.
- Do not apply this product through any type of irrigation equipment.

Specific 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.

DIRECTIONS FOR USE

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

BONIDE A COMPLETE FRUIT TREE SPRAY Concentrate is a complete concentrate containing insecticide, fungicide, aphicide, miticide, scabicide, and spreadersticker.

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.

SHAKE PRODUCT THOROUGHLY BEFORE USE. Contains micron 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 application rate. When active disease spores are present (warm humid days), shorten spray intervals to 7-10 days at maximum application rate. Apply spray to leaves, fruit branches, trunk and base of tree until lightly dripping. Shake

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 indicated in these directions for use.

APPLES

Insects/Diseases: 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, frog-eye leaf spot, Botryosphera (white rot), botrytis rot, bullseye rot, Brooks fruit spot, flyspeck, cedar rust, quince rust, scab, sooty blotch.

CHERRIES

Insects/Diseases: Plum curculios, cherry fruit flies, cherry fruit worms, black cherry aphid, fruit tree leaf roller, bud moth, Japanese beetle, Botrytis rot, brown rot blossom blight and fruit rot, cherry leaf spot.

GRAPES

Insects/Diseases: Flea beetles, Japanese beetles, grape leaf skeletonizers, rose chafers, grape berry moth, spider mites, mealybugs, leafhoppers, black rot, downy mildew (berries only), botrytis rot.

PEACHES

Insects/Disease: Plum curculios, Japanese beetle, spider mite, oriental fruit moth; green, peach, black cherry, black peach, rusty plum aphids; brown rot (fruit), rhizopus, scab, brown rot (blossom blight), coryneum blight.

FRUIT TREE STAGES

Dormant: Absence of growth fall, winter or spring.

Green Tip Stage: When branch tips show green tissue.

Pre Bloom Stage: When blossom buds show full color before opening.

Bloom: When blossoms are open. To protect pollinating insects do not spray during blossoming period. Use another product that contains only a fungicide during the blossoming period, if disease control is needed.

Petal Fall Stage: When last petals have fallen from blossoms.

1st Cover: 7-10 days after petal fall.

2nd Cover to Harvest: To cut-off date before harvest.

All rates in chart below are given in tablespoons per gallon. Shake well before using.

SPRAY CHART						
Start and repeat at 10 - 14 day intervals up to 14 days before harvest						
Fruit	Green Tip	Pre Bloom	Fall Pink	Petal Fall	1st Cover	2nd Cover
Apple (1)	1-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.
Cherry (2)	1-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.
Grape (3)	1-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.
Repeat at 10-14 day intervals up to 21 days before harvest						
Peach (1)	1-1/2 Tbs.	1-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.	2-1/2 Tbs.

- (1) Make no more than 8 foliar applications per growing season.
- (2) Make no more than 7 foliar applications per growing season.
- (3) Do not use more than 2 Qts. of spray suspension per 100 sq. ft. of grape vine. Make no more than 7 foliar applications per growing season.

STRAWBERRIES

Insects/Disease: Strawberry weevils, aphids, spider mites, lygus bugs, flea beetles, omnivorous leafhopper, spittle bugs, Japanese beetles, field crickets. Botrytis rot (gray mold), leaf spots. **Use 2 1/2 tablespoons 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

Mix 1 1/2 Tablespoons per gallon of water.

Insects: Aphids, apple maggot, bagworm, black cutworm, bud moth, cherry fruit fly and worm, codling moth, plum curculios, flea beetles, fruit tree leaf roller, gypsy moth, Japanese beetle, leafhoppers, lesser peach tree borer, mealybugs, 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: Specifically - CARNATION (Rust, Alternaria Leaf Spot), CHRYSANTHEMUMS (Botrytis Flower Blight) ROSE (Black spot) - Apply at first sign of disease. Repeat at 7 to 10 day intervals. Use the shorter interval under conditions favorable to infection.

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 fluid ounces = 1/128 gallon.**

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING: Causes substantial but temporary eye injury or skin irritation. Harmful if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Wear coveralls worn over short-sleeved shirt and short pants, socks and chemical resistant footwear, goggles or face shield and chemical resistant gloves (such as Barrier Laminare or Viton, Selection Category G). Overhead Exposure: Wear chemical resistant headgear. For Cleaning Equipment: Add a chemical resistant apron. Remove contaminated clothing and wash clothing before reuse.
USER SAFETY REQUIREMENTS
<ul style="list-style-type: none"> • Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing immediately if pesticide soaks clothing. Change clothing as soon as possible after use. • Wash the outside of gloves before removing. • Do not allow children or pets to contact treated area until spray has dried.
ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. 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 & CHEMICAL HAZARDS
Extremely flammable. Keep away from fire, sparks and heated surfaces.

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.	
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.
If on skin or clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If swallowed	Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. This product may pose an aspiration pneumonia hazard. Contains petroleum distillate. This product may cause cholinesterase inhibition. Atropine is antidotal.	
STORAGE AND DISPOSAL	
Storage: Store in a cool, dry area inaccessible to children or pets. Store and transport in an upright position. Disposal: If empty: Do not reuse empty container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP or www.cleanup.org for disposal instructions. Never place unused product down any indoor or outdoor drain.	