

66330-248

02/21/2009

1/23



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Bill Washburn
Regulatory Manager
Arysta LifeScience North America LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

FEB 21 2009

Subject: Label Notification(s) for Pesticide Registration Notices 2007-4 and 98-10

1. Update of company name
2. Update of warranty statements
3. Emergency telephone numbers

Dear Mr. Washburn:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4 and 98-10 dated January 7, 2009 for:

EPA Registration 66330-248 Malathion 8EC

The Registration Division (RD) has conducted a review of this request for applicability under PR Notices 2007-4 and 98-10 and finds that the label changes requested falls within the scope of PR Notices 2007-4 and 98-10. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



EPA

United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 66330-248	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MALATHION 8EC	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(1), my product is similar or identical in composition and labeling to: EPA Reg. No. NOTIFICATION Product Name FEB 21 2009

Check if this is a new address

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 Notification of label change per PR Notices 98-10 and 2007-4. This notification is consistent with the guidance in PR Notices 98-10 and 2007-4 and the requirements of EPA's regulations at 40 CFR §§152.46, 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S. C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§152.46, 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA."

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gal and 5.0 gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Bill Washburn	Title Regulatory Manager	Telephone No. (Include Area Code) 901-432-5118
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Manager	
4. Typed Name Bill Washburn	5. Date 1/7/09	



January 7, 2009

Ms. Venus Eagle, PM 1
Document Processing Desk (NOTIF)
Office of Pesticide Programs – 750PC
U.S. Environmental Protection Agency
One Potomac Yard, Room S-4900
2777 South Crystal Drive
Arlington, VA 22202

**Subject: MALATHION 8EC
EPA Reg. No. 66330-248
Notification of Label Change per PR Notice 2007-4
and PR Notice 98-10**

Dear Ms. Eagle:

Please find the following enclosed:

- Application for Pesticide Registration (Other) dated 01/07/09.
- One highlighted copy of subject label, showing all changes.
- One clean copy of the subject label.

Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

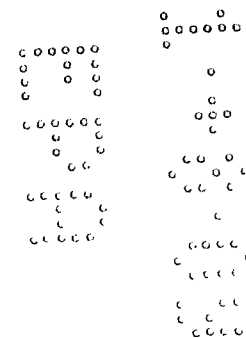
Also in this submission, we are using PR Notice 98-10 to update the name of the company, emergency telephone numbers and warranty. Arysta LifeScience North America Corporation was changed to Arysta LifeScience North America, LLC.

Please acknowledge acceptance of this notification by stamping the extra copy of this letter and returning in the enclosed self-addressed stamped envelope. Should you have any questions or comments, please do not hesitate to contact me at 901-432-5118 or by e-mail at bill.washburn@arystalifescience.com

Sincerely,

Bill Washburn
Regulatory Manager

Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150, Cary, NC 27513 Phone 919-678-4900 Fax 919-678-2194
www.arystalifescience.com



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**MALATHION 8EC
ORGANOPHOSPHATE**

ACTIVE INGREDIENT:

Malathion (O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate) 80.75%

INERT INGREDIENTS: 19.25%
TOTAL 100.00%

(1 gallon contains 8 pounds of Malathion)

NOTIFICATION

FEB 21 2009

KEEP OUT OF REACH OF CHILDREN

WARNING

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

**FIRST AID
Organophosphate**

IF SWALLOWED: Call a physician or poison control center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air immediately. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

NOTE TO PHYSICIAN: Treat symptomatically. Atropine is an antidote. This product is an organophosphorus ester that inhibits cholinesterase.

EPA Reg. No. 66330-248
AD 110801

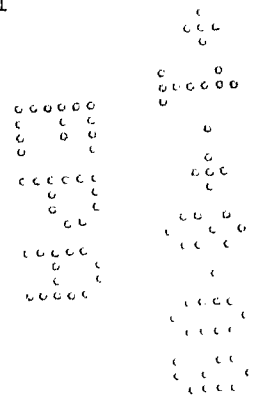
EPA Est. No. 51036-GA-1

Deleted: 51036-214

Manufactured For:
ARYSTA LIFESCIENCE NORTH AMERICA, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

Deleted: By

Deleted: MICRO FLO COMPANY
LLC
P.O. BOX 772099
MEMPHIS, TN 38117



PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

WARNING

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with eyes, skin or clothing.

EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact:

- (800) 424-9300 CHEMTREC (transportation and spills)
- (866) 303-6952 PROSAR (animal and human health)

Deleted: 800
Deleted: 900
Deleted: 4044
Deleted: Poison Control Center
Deleted: (800) 345-4735 ASPCA (animal health)

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 F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

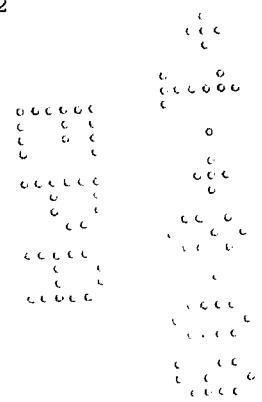
1. Long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton
3. Shoes plus socks
4. Protective eyewear

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

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.



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Pour specified amount of product into nearly filled spray tank. Add balance of water to fill the tank. Keep agitator running during filling and spraying operations. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result.

Do not combine with wettable powders unless previous use of the mixture has proven physically compatible and safe to the plants. Always thoroughly, emulsify this product with at least half of the total water before adding wettable powders.

DIRECTIONS FOR DILUTION

Dilute Application:

Field and Row Crops: Use specified rate in 20 to 60 gallons of water per acre.

Trees and Vines: Use specified rate in 100 to 800 gallons of water per acre.

Concentrate Application:

Field and Row Crops: Use specified rate in not less than 5 gallons of water per acre.

Trees and Vines: Use specified rate in 20 to 100 gallons of water per acre.

Aerial Application:

Field and Row Crops: Use specified rate in 5 to 20 gallons of water per acre.

Trees and Vines: Use specified rate in at least 10 gallons of water per acre.

GENERAL CHEMIGATION INSTRUCTIONS

Apply this product only through one or more of the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation system(s). Do not apply this product through any other type of irrigation system.

Crop injury or lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

A. Center Pivot, Traveler, Big Gun, Motorized Lateral Move, End Tow, and Side (Wheel) Roll Irrigation Equipment: Operate system

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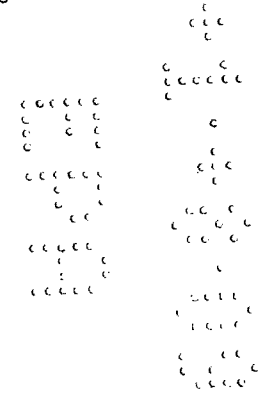
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and injection equipment at normal pressures recommended by the manufacturer of injection equipment used. Fill tank or injection equipment with water. Operate system for one complete circle for center pivot or one complete run for the other recommended equipment, measuring time required, amount of water injected, and acreage contained in circle or run. Mix recommended amount of product for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run, but continue to operate irrigation system until the product has been cleared from last sprinkler head. Spray mixture in the chemical supply tank must be agitated at all times, otherwise settling and uneven application may occur.

B. Solid Set and Hand Move Irrigation Equipment: Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty to forty-five minute period. Mix desired amount of product for acreage to be covered into quantity of water used during calibration and operate entire system at normal pressures recommended by the manufacturer of injection equipment used for amount of time established during calibration. Provide constant mechanical agitation in the mix tank to insure that the product will remain in suspension during the injection cycle. This product can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until pesticide is cleared from last sprinkler head.

SAFETY DEVICES

(1) The systems designated above must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. (2) All pesticide injection pipelines must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. (3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. (4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. (5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. (6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. (7) Do not apply when wind speed favors drift beyond the area intended for treatment.



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SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or, in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

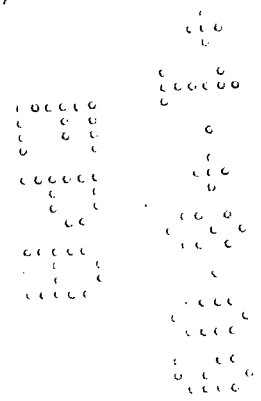
For additional instructions on safety precautions refer to statements (2), (3), (4), (6), and (7) in the section on SAFETY DEVICES.

PHYTOTOXICITY ADVISORY STATEMENT

As is common with most emulsifiable concentrate formulations adverse affects, such as spotting or discoloration of the fruit or foliage can occur. Some conditions known to contribute to phytotoxicity include but are not limited to: high temperatures, poor spray drying conditions, excessive spray runoff, certain spray mixtures, stage of crop development or tank mixes with other pesticides

PREHARVEST INTERVAL

Minimum days between last application and harvest are given in () after each crop name.

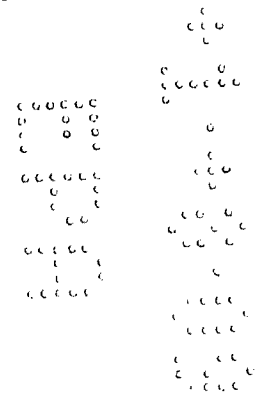


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USE DIRECTIONS

TREES AND VINES

CROP	REI HRS	RATE PTS./ ACRE	PESTS	COMMENTS
APRICOTS (7)	12	4-10	Aphid, Codling moth, European Lecanium scale, Orange tortrix, Soft brown scale, Terrapin scale	
AVOCADOS (7)	12	4-9	Green house thrips, Latania scale, Omnivorous looper, soft brown scale, Orange tortrix	
BLACKBERRIES (1) BOYSENBERRIES (1) DEWBERRIES (1) LOGANBERRIES (1) RASPBERRIES (1)	12	1-4 2-4	Japanese beetle, Leafhopper Mite, Thrips Aphid, Rose scale	
BLUEBERRIES (1)	12	1 ½ 2 ½	Aphids, Blueberry maggot, Blueberry tip borer, Cherry fruitworm, Cranberry fruitworm, Japanese beetle, Plum curculio, Leafrollers, Sharp-nosed leafhopper, White tussock moth	
CHERRIES (3)	12	2 ½ - 8	Black cherry aphid, Bud moth, Cherry fruit fly, Fruittree leafroller, Lesser peach twig borer, Forbes and San Jose scale	For lesser peach twig borer, apply to trunk and scaffold limbs at 21 day intervals beginning with emergence. May cause injury on certain varieties of sweet cherries in the Northeast

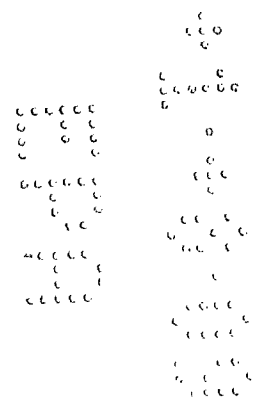


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CROP	REI HRS	RATE PTS./ ACRE	PESTS	COMMENTS
PECANS (0)	12	2 ½ - 12 ½	Aphids, Mites, Pecan bud moth, Pecan leaf casebearer, Pecan phylloxera	
WALNUTS (0)	12	4-12 ½	Aphids, Mites, Walnut husk fly	

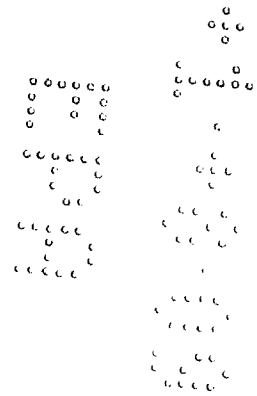
FIELD AND ROW CROPS

CROP	REI HRS	RATE PTS./ ACRE	PESTS	COMMENTS
ALFALFA (7), CLOVER (7), BIRDSFOOT TREFOIL CLOVER (7), LESPEDEZA, LUPINE (7), VETCH (0) If 1 ½ pts. or less. (7) for 2 pt. rate	12	1-2	Alfalfa weevil larvae, Aphids, Armyworms, Clover leaf weevil, Grasshoppers, Lygus bugs, Pea Aphid, Potato leafhoppers, Spider mites, Spittlebug, Vetch bruchid	Use higher rate for Armyworm control. For hard to control insects, use up to 2 pts. per acre. Apply to Alfalfa in bloom only in the evening or early morning when bees are not working in the fields or are not hanging on the outside of hives
SEED CROPS- ALFALFA (0), BIRDSFOOT TREFOIL CLOVER (0), LESPEDEZA (0), LUPINE (0), VETCH (0)	12	1-1 ¼	Aphids, Leafhoppers, Lygus bugs	Apply to plants in bloom only in the evening or early morning when bees are not working in the fields or are not hanging outside the hives
LEAFY VEGETABLES CROP GROUPING: AMARANTH (LEAFY AMARANTH, CHINESE SPINACH, TAMPALA) (7). ARRAGULA (7) (ROQUETTE , CELTUCE, CHERVIL, CHRYSANTHEMUM-EDIBLE LEAFED, GARLAND, CORN SALAD, DANDELIONS, DOCK SORREL, FLORENCE FENNEL, ORACH,	12	1-2	Aphids	



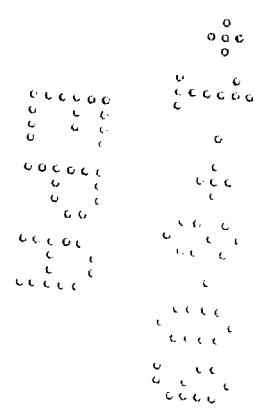
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CROP	REI HRS	RATE PTS/ ACRE	PESTS	COMMENTS
(RAPINI) , BRUSSEL SPROUTS (7) , CABBAGE (7) , CAULIFLOWER (7) , CAVALO BROCCOLO (7) , CHINESE BROCCOLI (7) , CHINESE MUSTARD CABBAGE (7) (BOK CHOY, NAPA) , CHINESE MUSTARD (7) , COLLARDS (7) , KALE (7) , KOHLRABI (7) , MIZUNA (7) , MUSTARD GREENS (7) , MUSTARD SPINACH (7) , RAPE GREENS (7)	12	1½ - 2½	cabbage worms	
CORN- Grain or forage (5)	12	1	Aphids, Corn rootworm adults, Sap beetles, Thrips, Young grasshoppers	* Note: Injury may occur in whorl and silk stages
CORN-Pop (5)	12	1	Aphids, Grasshoppers	• For best grasshopper control, apply when nymphs are in the first through third instar.
COTTON (0)	12	1-4	Aphids, Brown cotton leafworm, cotton leaf perforator, Leafhoppers, Spider mites, Whitefly	• do not graze or feed forage to livestock • NOTE: see footnote at end of table
		1¼-4	Boll Weevil, cotton Fleahoppers, Fall Armyworms, Grasshoppers, Garden webworms and Lygus	
CUCUMBERS (Field and greenhouse) (1), SQUASH (1)	12	1 ¾	Aphids, Cucumber beetles, Cutworms, Darkling ground	* Do not apply unless plants are dry.



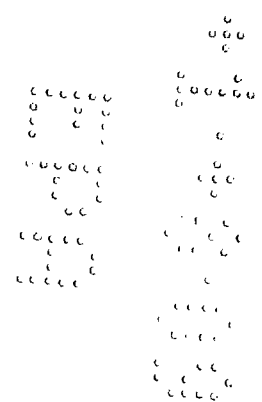
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CROP	REI HRS	RATE PTS/ ACRE	PESTS	COMMENTS
			beetles, Leafhoppers, Pickleworm, Spider mites, Squash vine borer, thrips	For vine borer, apply weekly to stems and vines at base of plant.
EGGPLANT (Field and greenhouse) (3)	12	$\frac{3}{4}$ - 3 $\frac{1}{2}$ 2-3 $\frac{1}{2}$	Aphids, Spider mites Lacebugs	
FLAX (45)	12	$\frac{1}{2}$	Grasshoppers	
GARLIC, LEEKS (3), SHALLOTS (7)	12	1-2	Aphids, Thrips	
GRASSES- PASTURE AND RANGELAND (such as BARN GRASS, BERMUDA, CANARY GRASS, FESCUE, ORCHARD GRASS, RED TOP, TIMOTHY AND YELLOW FOXTAIL (1)	12	1-1 $\frac{1}{4}$	Aphids, Grasshoppers, Leaf hoppers	Apply in sufficient water for good coverage or use 1 $\frac{1}{4}$ pts. plus 1 gallon of diesel fuel oil per acre by means of an airplane or turbine- blower type sprayer.
HOPS (7)	12	$\frac{1}{2}$ -1 $\frac{1}{4}$	Aphids	
HORSERADISH (7) PARSNIPS (7) RADISHES (7) SALSIFY (7)	12	2	Aphids, Diamondbac k moths, Flea beetles, Leafhoppers	
LENTILS (3)	12	1	Aphids	* Do not graze or feed forage to livestock
MUSHROOMS (greenhouse) (1)	12	1 $\frac{1}{2}$	Phorid flies, Scarid flies	Apply in 130 gallons of water per acre, or 1 tablespoon per 3 gallons of water per 1000 square foot bed. Make thorough application as soon as possible after picking. Repeat application as necessary, usually twice per week
OKRA (1)	12	1 $\frac{1}{2}$	Aphids, Japanese beetles	



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CROP	REI HRS	RATE PTS/ ACRE	PESTS	COMMENTS
			Strawberry root weevils, Thrips, Whiteflies	
SWEET CORN (Field or Greenhouse) (5)	12	1	Japanese beetles	Notice: Injury may occur in whorl and silk stages.
SWEET POTATOES (3)	12	1-1 1/4 1 3/4	Leafhoppers Morning glory Leafminers	
TOMATOES (Field and Greenhouse) (1)	12	1 1/2 - 2	Aphids, Spider mites Drosophilla flies	Apply a full coverage application to fruit and foliage
WATERCRESS (7)	12	1-2	Aphids, Spider Mites	



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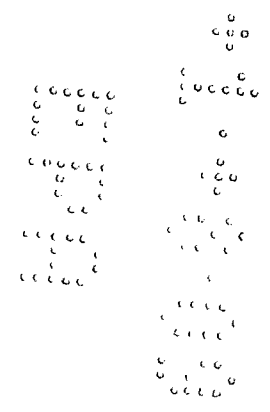
CROP	REI HRS	RATE PTS/ ACRE	PESTS	COMMENTS
COTTON TANK MIX INSTRUCTIONS				
<p>For a complete cotton spray program, this product may be combined with other registered cotton insecticides. Carefully follow all precautions and directions in the labeling of any product used in combination with Malathion 8EC. Do not use registered products at higher dosages than is recommended on the label. Do not use in combination with Malathion 8EC any product that prohibits such use. The use of Malathion 8EC in combination with products containing carbaryl may cause injury to cotton.</p>				
<p>Apply only when weather conditions are favorable. Wind or rising air currents may cause undesirable spray drift and reduce insect control. Cover foliage uniformly. Time treatments and set dosages according to insect populations or damage. Repeat treatments as necessary to maintain control. Consult your local extension service or professional consultant for treatment thresholds.</p>				
<p>Undiluted spray droplets of Malathion 8EC will permanently damage automobile paint. If accidental exposure does occur, the vehicle should be washed immediately. Apply Malathion 8EC uniformly at the volumes and dosage rates above.</p>				
COTTON APPLICATION INSTRUCTIONS				
Aerial Applications:				
<p>If water is used for dilution, apply at least one gallon of finished spray per acre. Some states may require more dilution; consult your appropriate state agency if in doubt. Malathion 8EC can be used in specially designed aircraft capable of applying ultra low volumes for control of cotton insects indicated. When Malathion 8EC is applied ultra low volume, use a sufficient amount of once refined vegetable oil to make at least one quart of finished spray solution per acre.</p>				
Conventional Ground Application:				
<p>Use water for dilution and apply at least 5 gallons of finished spray per acre.</p>				

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ORNAMENTALS

NOTE: Before treating a large number of ornamental plants with Malathion 8 EC alone or as a tank mixture with any other material, make a test application on a few plants and observe for 7-10 days prior to treating large areas to reduce the possibility of plant injury.

CROP	REI HRS	RATE PTS/ ACRE	PESTS	COMMENTS
FLOWERS, SHADE TREES and SHRUBS	12	1 pt in 100 gals of water as a spray	Aphids, Euonymus scales, European pine shhot moths, Four lined leaf bugs, Japanese beetle adults, Lace scales, Mealybugs, Millipedes, Oyster shell scales, Potato Leafhoppers, Rose Leafhoppers, Scurfy scales, Spider Mites, Springtails, Sowbugs, tarnished plant bugs, Thrips, whiteflies	Attention: Avoid use of certain ferns including boston, Maidenhair, and pteris, as well as some species of Crassula ad Canaeteri Juniper. For oyster scale, Fletch, Juniper, Oak Kermes and pine needle scale: apply when scale crawlers have settled on the foliage
		1 3/4 pts in 100 gals. Of water as a spray	Azelea scales, Bagworms, Birch leafminers, Boxwood leafminers, Fletch scales, Florida-red scales, Jumper scales, Magnolia scales, Oak Kermes, Pine leaf scales, tent caterpillars.	
		1 3/5 pts in 100 gals of water	Black scale crawlers, Monterey, pine scales	
		2 1/2 pts in 100 gals of water	Pine needle scales, wax scales	



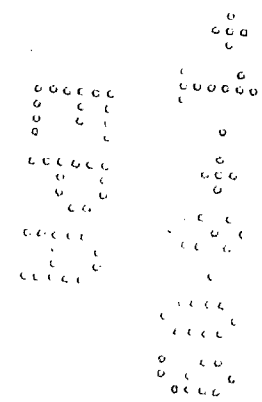
SLASH PINE, PINE SEED ORCHARDS, AND CHRISTMAS TREE PLANTATIONS

CROP	REI HRS	RATE PTS/ ACRE	PESTS	COMMENTS	Formatted Table
SLASH PINE, PINE SEED ORCHARDS, AND CHRISTMAS TREE PLANTATION	12	For ground application mix 3/4 to 4/5 gals. of Marathon 8EC in 100 gals. of water For air application mix 2/5 gals of Malathion 8 EC in at least 5 gals of water	Slash pine flower thrips, European pine sawfly	Apply 3/4 gallon of the mixture per tree on the smallest flowering trees. Mist blowers or airblast sprays may be used Apply a minimum of 5 gallons of mixture per acre. Make two applications, the first when female flowers are in twig bud stage, the second one week prior to maximum flower receptivity to pollen	

MOSQUITO CONTROL

MOSQUITOES, FLIES, AND SMALL FLYING INSECTS: For use by trained personnel as a 2% to 5% Malathion fog, aerosol or space spray. To make a 2% solution dilute 1 part Malathion 8 in 45 parts water, fuel oil or diesel oil. When using a kerosene type solvent as a carrier, dilute 1 part Malathion 8 EC in 45 parts consisting of 4 parts kerosene-type solvent and 1 part aromatic hydrocarbon-type solvent. Apply 0.58- 2.86 gallons finished spray per acre. For a 5% solution, dilute 1 part Malathion 8 EC in 18 parts solvent. Apply 0.24- 1.18 gallons finished spray per acre.

MOSQUITO LARVAE IN STANDING WATER (Only for use in intermittently flooded areas, stagnant water, temporary rail ponds, and log ponds- KEEP OUT OF FISH BEARING WATERS): Apply Malathion 8 EC at the rate of 8 fluid ounces per acre. Mix in sufficient water or oil to obtain even coverage when applied by air or ground equipment. Repeat applications as necessary. Avoid applying oil-based formulations to valuable ornamental plants as injury may occur. Broadcast use only over intermittently flooded areas.



Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially.

AROUND THE OUTSIDE OF BUILDINGS (Around buildings which house domestic animals, around homes, yards, commercial and industrial buildings, agricultural buildings, outdoor garbage cans, compost/compost piles, garbage dumps, and cull fruit and vegetable dumps): Apply 1 gallon of Malathion 8 EC undiluted per 1000 sq. ft. on painted surfaces. Apply 2 gallons of Malathion 8 EC undiluted per 1000 sq. ft. on unpainted surfaces where flies alight or congregate. In most cases, adding molasses or sugar to the spray prolongs the insecticidal activity of Malathion and serves as a fly attractant.

NOTICE: Avoid contamination of milk, milk equipment and water. Avoid contamination of feed and food products, also drinking fountains and feed troughs.

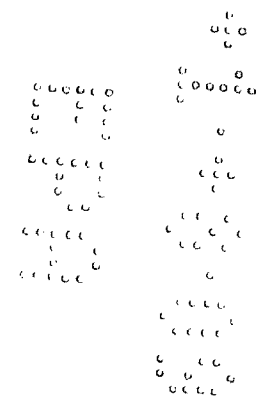
SMALL GRAIN STORAGE FACILITIES (corn, wheat, rye, oats and barley) For a residual wall, floor, and machinery spray in grain elevators, in treating truck beds, boxcars, and ships' holds before loading grain, apply 5 pts. per 25 gallons of water making through application. Before applying spray, clean elevators, boxcars, etc. thoroughly. Remove and burn all sweepings and debris.

DROSOPHILIA FLY AND DRIED FRUIT BEETLE CONTROL

FLY CONTROL

ON OR AROUND CULL FRUIT AND VEGETABLE DUMPS: mix 7 ½ pints in 100 gallons of water. Apply as a drench, using 8 to 10 gallons of spray per 100 sq. ft. For best results, dumps should not be over 18 inches deep. Do not feed treated fruit and vegetables.

SELECT MALATHION SPRAYS		MALATHION BAIT SPRAYS			
AMOUNT OF SPRAY	AMOUNT MALATHION 8EC	AMOUNT OF BAIT SPRY	AMOUNT OF MALATHION 8 EC	SUGAR (OR) UNSULFURIZED MOLASSES/ CORN SYRUP	
2 ½ GAL	¾ cup	2 ½ gal.	¾ cup	1 cup	1 cup
12 gal	1 ¼ pt.	12 gal	1 ¼ pt.	2 ½ lbs.	1 qt.
100 gal.	1 ¼ gal	100 gal.	1 ¼ gal	20 lbs.	2 gal.



23/23

Warranty and Disclaimer Statement

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America Corporation ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer. Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

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NOTIFICATION

FEB 21 2009

