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EXTENSION DIVISION
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Control Series 51

STRAWBERRY INSECT CONTROL

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BLACKSBURG, VIRGINIA

Pests	Insecticide and Formulation	How to Mix and Apply	Remarks, Precautions, and Days Between Last Application and Harvest
First Season Sprays			
Foliage feeders, including mites (Make applications every 2 weeks or as needed)	Malathion 25% WP plus methoxychlor 50% WP	3 lbs. 25% malathion WP + 2 lbs. 50% methoxychlor in 100 gal. of water. OR 3 tablespoons of malathion + 2 tablespoons of methoxychlor in 1 gal. of water. Apply as a spray (100 gal. or more per acre). Add dicofol (Kelthane) as recommended on container label, if mites become a problem.	3 - malathion, 14 - methoxychlor (14 days for mixture) 2 - dicofol
Second Season Sprays			
Strawberry weevils, Spittlebugs, Aphids (Apply sprays at 7 to 10-day intervals)	Malathion and methoxychlor mixture as above but carbaryl (Sevin) should be substituted for methoxychlor where strawberry weevil is a problem.	As above or use 2 lb. of 50% WP carbaryl in 100 gals. of water or 2 tablespoons in 1 gal. of water in place of methoxychlor. Begin treatments when new growth begins and continue until 3 days of harvest. Add dicofol if mites become a problem.	1 - carbaryl (See waiting period above for malathion, methoxychlor and dicofol.)
			
Post Harvest Spray			
Leafrollers, Foliage feeders and soil insects (as needed)	Malathion and methoxychlor mixture as above. (Substitute carbaryl [Sevin] if Japanese beetles are a problem)	As indicated above. (Add dicofol to spray mixture if mites become a problem.) See above mixing instructions for carbaryl. Apply spray as indicated above (100 gals. or more per acre for sprays).	See waiting periods above.

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AG - Indicates the proper EC formulation for agricultural uses; AI - Active Ingredient; AI/Gal. - Active Ingredient per Gallon; D - Dust; E - Emulsifiable; EC - Emulsifiable Concentrate; EL - Emulsifiable Liquid; F - Flowable; fl. oz. - fluid ounce; G - Granular; gal. - gallon; gal/100 - gallon per 100; in. - inch; IU - International Unit; lb. - pound; lb./gal. - pounds per gallon; LC - Liquid Concentrate; liq. sol. - liquid solution; LS - Liquid Solution or Suspension; MG - Milligram; oz. - ounce; pt. - pint; qts. - quarts; S - Soluble or Sprayable; SC - Soluble Concentrate; SP - Sprayable or Soluble Powder; sq. ft. - square ft.; tbsp. - tablespoon; tsp. - teaspoon; W - Wettable; WP - Wettable Powder

Trade and brand names are used only for the purpose of information and the Virginia Cooperative Extension Service does not guarantee nor warrant the standard of the product, nor does it imply approval of the product to the exclusion of others which may also be suitable.

KEYS TO PROPER USE OF PESTICIDES

1. Read the label on each pesticide container before each use. Follow instructions to the letter; heed all cautions and warnings, and note precautions about residues.
2. Keep pesticides in the containers in which you bought them. Put them where children or animals cannot get to them, preferably under lock and away from food, feed, seed, or other material that may become harmful if contaminated.
3. Dispose of empty containers in the manner specified on the label.

SEE YOUR DOCTOR IF SYMPTOMS OF ILLNESS OCCUR DURING OR AFTER USE OF PESTICIDES.