

400-519

06/25/2007

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Acramite®-75WG

Miticide For Agricultural Use Only

Net Contents:

Active Ingredient: (% by weight)
 bifenazate: hydrazine carboxylic acid, 2-(4-methoxy-
 [1,1'-biphenyl] 3 yl) 1-methylethyl ester 75%
 Inert Ingredients: 25%
 Total 100%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

- IF SWALLOWED:**
- Call a poison control center or doctor immediately for treatment advice.
 - Have person sip a glass of water if able to swallow.
 - Do not induce vomiting unless told to do so by a poison control center or doctor.
 - Do not give anything by mouth to an unconscious person.
- IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call the following telephone numbers for emergency medical treatment.

EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	866-430-2775
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

ACCEPTED

JUN 25 2007

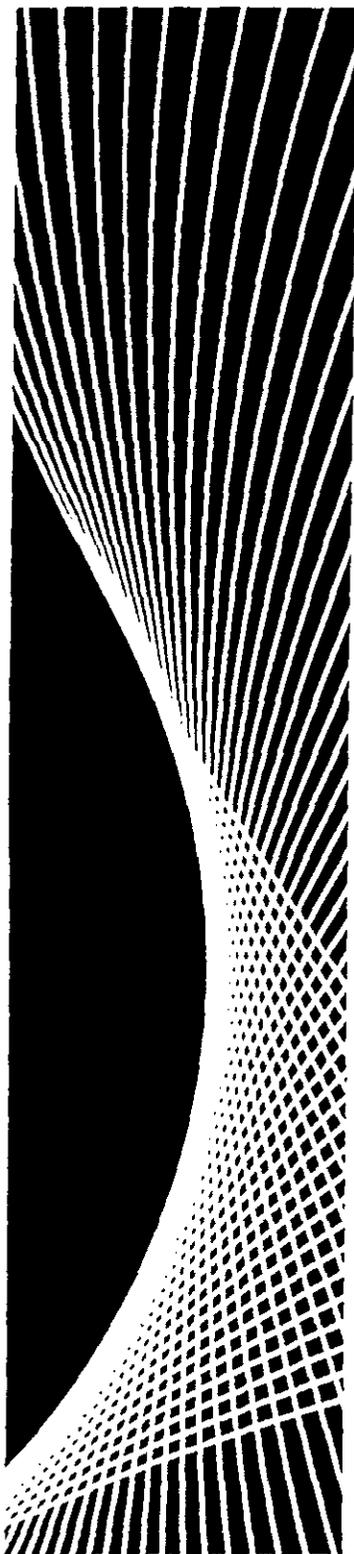
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-519



EPA REG NO. 400-519
EPA EST NO
005

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling or before eating, drinking, chewing gum, or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and Other Handlers Must Wear: Long-sleeved shirt & long pants; shoes plus socks; 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.

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, estuarine/marine invertebrates and fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the **restricted entry interval (REI) of 12 hours**. The REI and exceptions are listed under the Use Rates and Recommendations associated with each crop. Notify workers of the exception (including when entry is permitted for each of the tasks named in the exception).

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls; shoes plus socks; chemical-resistant gloves made of any waterproof material.

GENERAL INFORMATION

ACRAMITE-75WG is a water dispersible granule. ACRAMITE-75WG is a selective miticide for the control of a variety of mite pests on the crops listed on this label. When used as directed and applied to the foliage, it provides quick knockdown through contact activity, and long residual control. Due to its unique chemistry, mode of action and selective nature, ACRAMITE-75WG is relatively inactive against beneficial/predaceous mites and insects and therefore is compatible with IPM and resistance management programs.

ACRAMITE-75WG is not systemic in action; therefore complete coverage of both upper and lower leaf surfaces and of fruit is necessary for effective control.

MIXING INSTRUCTIONS

Fill spray tank with 1/2 the desired amount of water. Then add the required amount of ACRAMITE-75WG with agitation running to fully disperse the product. Then fill the tank with the remaining amount of required water.

When tank mixing, thoroughly mix the ACRAMITE-75WG before adding other products in the following order: water soluble bags, wettable powders, dry flowables, liquid flowables, liquids and emulsifiable concentrates. Always allow each tank mix partner to disperse fully before adding the next product.

ACRAMITE-75WG has been shown to degrade rapidly when mixed and stored with alkaline water of high temperature (122°F). Water hardness should be reduced with any ammonium sulfate containing water treatment before adding any adjuvant or ACRAMITE-75WG. Then adjust the pH to acidic range if needed.

Restrictions: Tank mixtures are permitted only in those states where the tank mix partner is registered. When tank mixing, follow the label directions for most restrictive of label precautions and limitations.

Compatibility: To obtain broad spectrum insect control, ACRAMITE-75WG can be tank-mixed with other insecticide products. However, due to variations in water quality, e.g., hardness and pH, it is required that users conduct small scale trials under local conditions to ensure compatibility prior to any large scale use.

USE RATES AND RECOMMENDATIONS

For ground application, apply a minimum of 20 gal. spray solution per acre (GPA) using equipment such as, but not limited to, compressed air, hydraulic ground boom or air-blast sprayers. **For aerial application on cotton,** apply a minimum of 5 gallons of water per acre, (or the minimum permitted by your state) using either a fixed wing aircraft or helicopter. Use a nozzle configuration that will provide a median droplet size of 200-300 microns. Higher gallonage will provide better coverage and performance. Observe the minimum safe application height - not greater than 12 feet above crop canopy. Boom length must be less than 75% of wingspan and swath markers, flagging or GPS system should be used during application. Applications should be made when wind speed is between 2 and 10 mph. Do not make applications when wind speed exceeds 10 mph. Under low humidity and high temperatures, spray volume should be adjusted upward to compensate for evaporation of spray droplets. Do not apply when temperature inversions exist.

To provide maximum residual control, application should be made as soon as mites appear. Use the low rate where mite infestations are light. The higher rate may be required for heavy infestations or for extended residual control.

When used as directed, ACRAMITE-75WG is effective for the control of a variety of mites species, especially spider mites, red mites and grass mites. NOTE: It is not effective against rust mites, broad mites and flat mites. ACRAMITE-75WG is primarily active on the motile stage of mites, but also has ovicidal activity against spider mites (*Tetranychus* species).

Restrictions: Do not plant another crop within 30 days after last ACRAMITE application due to chances of bifentazate residues showing up in rotational crops.

MITES CONTROLLED

Banks grass	Pacific spider
Brown almond	Pecan leaf scorch
Clover	Strawberry spider
European red (use maximum rate)	Two-spotted spider
McDaniel	Willamette

**BEARING CROPS
DOSAGE INSTRUCTIONS**

CROP*	AMOUNT ACRAMITE-7SWG PER ACRE ^(A)	MINIMUM GALLONS PER ACRE		TOTAL NUMBER OF SPRAYS PER SEASON	HARVEST DAYS AFTER APPLICATION (PHI DAYS)	RESTRICTED ENTRY INTERVAL (REI)
		GROUND	AIR			
COTTON	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	20	5**	1	60	12 hours
CUCURBIT VEGETABLES (See footnote B for crops in addition to those listed below) CUCUMBERS EDIBLE GOURDS ^(C) MUSKMELON ^(D) PUMPKIN SQUASH (summer ^(E) & winter ^(F)) WATERMELON	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50		1	3	12 hours
FRUITING VEGETABLES (See footnote G for crops in addition to those listed below) EGGPLANT PEPPERS (all varieties of <i>Capsicum</i> spp.) ^(H) TOMATOES (field grown) ^(I)	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50		1	3	12 hours
GRAPES ^(J)	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50		1	14	12 hours except 5 days for cane turning, tying and girdling of table grapes.
HOPS	0.5 - 1.0 lbs ($\frac{1}{2}$ - 1 lb)	50		1	14	12 hours
MINT	0.5 - 1.0 lbs ($\frac{1}{2}$ - 1 lb)	50		1	7	12 hours
OKRA	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50		1	3	12 hours
POME FRUITS (See footnote K for crops in addition to those listed below) APPLES CRABAPPLES PEARS QUINCE	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50		1	7	12 hours
STRAWBERRIES ^(L)	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	100		2	1	12 hours
STONE FRUIT: (See footnote M for crops in addition to those listed below) APRICOTS CHERRIES (sweet & tart) NECTARINES PEACHES PLUMS/PRUNES	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50		1	3	12 hours
TREE NUTS (See footnote N for crops in addition to those listed below) ALMOND	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50		1	7	12 hours
FILBERT (Hazelnut) PISTACHIOS WALNUT (Black & English)	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50		1	14	12 hours

*Use the higher rate under heavy mite pressure.

**Use a minimum of 5 gallons per acre or the minimum permitted by your state

- (A) ACRAMITE-75WG is in a 1 lb. resealable pouch.
- (B) CUCURBIT VEGETABLES: Other crops which may be treated with ACRAMITE-75WG with the same use instructions are: chayote (fruit) (*Sechium edule*), Chinese waxgourd (Chinese preserving melon) (*Benincasa hispida*), citrus melon (*Citrullus lanatus* var. *citroides*), gherkin (*Cucumis anguria*), and Momordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber).
- (C) EDIBLE GOURD (*Lagenaria* spp.) (includes *hyotan* and *cucuzza*). Also (*Luffa acutangula* and *L. cylindrica*) which includes hechima and Chinese okra.
- (D) MUSKMELON (hybrids and/or cultivars of *Cucumis melo*) includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon.
- (E) SQUASH, SUMMER (*Cucurbita pepo* var. *meloepo*) includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini.
- (F) SQUASH, WINTER (*Cucurbita maxima*: *C. moschata*) includes butternut squash, calabaza, hubbard squash; (*C. mixta*; *C. pepo*) includes acorn squash, spaghetti squash.
- (G) FRUITING VEGETABLES: Other crops which may be treated with ACRAMITE-75WG with the same instructions are: ground cherry (*Physalis* spp.), pepino (*Solanum muricatum*), and tomatillo (*Physalis ixocarpa*, *P. philadelphica*)
- (H) PEPPER (*Capsicum* spp.) includes bell peppers, chili peppers, cooking peppers, pimento, and sweet peppers.
- (I) TOMATOES: Use only on plants that will produce tomatoes greater than 1 inch in diameter when mature.
- (J) GRAPES — Exception: In addition to the early entry exceptions allowed by WPS, you may enter or allow workers to enter treated areas to perform all tasks other than tying, turning and girdling after 12 hours following applications, as long as at least long pants, long-sleeved shirts, shoes and socks are worn. Notify workers of the exception (including when entry is permitted for each of the tasks named in the exception).
- (K) POME FRUIT: Other crops which may be treated with ACRAMITE-75WG with the same instructions are: loquat (*Eriobotrya japonica*), mayhaw (*Crataegus aestivalis*, *C. opaca*, and *Crufula*), and oriental pear (*Pyrus pyrifolia*).
- (L) STRAWBERRIES: Minimum period between applications is 21 days.
- (M) STONE FRUIT: Other crops which may be treated with ACRAMITE-75WG with the same instructions are: Plum (*Prunus domestica*, *Prunus* spp.), Chickasaw Plum (*Prunus angustifolia*), Damson Plum (*Prunus domestica* spp.) (*Instititia*), Japanese Plum (*Prunus salicina*) and Plumcot (*Prunus armeniaca* X *P. domestica*).
- (N) TREE NUTS: Other crops which may be treated with ACRAMITE-75WG with the same use instructions (14 day PHI) are: Beechnut, Brazilnut, Butternut, Cashew, Chestnut, Chinquapin, Hickory nut, and Macadamia nut (bush nut).

**NON-BEARING CROPS
DOSAGE INSTRUCTION**

ACRAMITE-75WG use on non-bearing crops, i.e. those crops which will not bear fruit within one year of application, includes all the crops listed in the bearing crops dosage instructions plus crops listed below. These include fruit trees and berries in both commercial plantings and nurseries, including transplant uses but excluding residential areas. The listed non-bearing crops all have a 12 hour restricted entry interval (REI). Application is by ground equipment only. Additional non-bearing crops that may be so treated are:

CROP	MITES CONTROLLED	AMOUNT ACRAMITE-75WG PER ACRE	MINIMUM GALLONS SPRAY SOLUTION PER ACRE	TOTAL NUMBER OF SPRAYS PER YEAR
Berries (boysenberries, raspberries, etc.) Citrus (grapefruit, lemons, limes, oranges, tangerines, etc.) Currants Dates, Figs Persimmons	European red Two-spotted spider Pacific spider McDaniel Strawberry spider Citrus red Southern red	0.5 - 0.67 lbs ($\frac{1}{2}$ - $\frac{2}{3}$ lbs)	50	1

STRATEGIES FOR RESISTANCE PREVENTION

When used as directed, ACRAMITE-75WG combines high activity on mites with safety to beneficial/predaceous mites and insects. In addition, the unique chemistry of ACRAMITE-75WG provides a means of controlling mites which have developed resistance to commonly used products. These properties can result in fewer miticide/insecticide applications as well as general reduction in the problems caused by resistance.

The following mite control strategies are recommended:

- Incorporate IPM techniques into your insect control program.
- Ensure thorough spray coverage to all foliage.
- Scout regularly and apply ACRAMITE-75WG as soon as infestations are observed. Do not wait until large populations have established.
- Always apply ACRAMITE-75WG at the recommended rates and according to label recommendations.
- Because of its selectivity, ACRAMITE-75WG can be used in conjunction with most biological control organisms available for mite control. ACRAMITE-75WG, when used as directed, does not adversely affect populations of beneficial/predaceous mites and insects including:

Common Name	Scientific Name
Predatory mite	<i>Amblyseius fallacis</i>
Predatory mite	<i>Phytoseiulus persimilis</i>
Western predatory mite	<i>Typhlodromus occidentalis</i>
Predatory mite	<i>Typhlodromus pyri</i>
Predatory mite	<i>Zetzellia mali</i>
Seven-spotted lady beetle	<i>Coccinella septempunctata</i>
Spider mite destroyer	<i>Stethorus punctum</i>
Common lacewing	<i>Chrysopa carnea</i>
Insidious flower bug	<i>Orius insidiosus</i>
Six-spotted thrips	<i>Scolothrips sexmaculatus</i>
Western flower thrip	<i>Frankliniella occidentalis</i>

The use of these organisms in conjunction with ACRAMITE-75WG is encouraged as a means of reducing the number of chemical applications.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a secure place that is temperate and dry.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT NOTICE Sellers warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and to the extent consistent with applicable law, the buyer assumes the risk of any such use.

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