

For Agricultural Use Only

ACTIVE INGREDIENT:	(% by weight)
bifenazate: hydrazine carboxylic acid, 2-(4-methoxy-[1,1'-biphenyl]-3-yl) 1-methylethyl ester	50%
OTHER INGREDIENTS	50%
TOTAL	
Contains 0.50 pounds active ingredient bifenazate per pound of product.	

EPA Reg. No. 70506-316

CAUTION

	FIRST AID				
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. Call a poison control center or doctor for treatment advice. 				
If on skin	• 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.				
EMERGENCY CONTACT NUMBERS					
	duct container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical all the Rocky Mountain Poison Control Center at 1-866-673-6671.				

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident, call CHEMTREC at 1-800-424-9300.

INSECTICIDE	NET WEIGHT:	POUNDS	(l) UPI

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and Other Handlers Must Wear:

- Protective eyewear,
- · Long-sleeved shirt and long pants,
- · Shoes plus socks, and
- Waterproof gloves made of barrier laminate, polyethylene, butyl rubber (≥ 14 mils), nitrile rubber (≥ 14 mils), neoprene rubber (≥ 14 mils), natural rubber (≥ 14 mils), polyvinyl chloride (≥ 14 mils), or Viton (≥ 14 mils).

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, 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/PPE immediately if pesticide gets inside. Then wash thoroughly and change into clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash thoroughly and change into 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 wash waters or rinsate. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are foraging the treatment area.

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 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 (WPS), 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. Exceptions are listed under the USE INSTRUCTIONS associated for 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.

PRODUCT USE INFORMATION

BANTER WDG is a selective miticide which controls a variety of mites in the crops specified on this label. It provides quick knockdown through contact activity, and long residual control when used as directed and applied to foliage.

BANTER WDG Miticide is relatively inactive against beneficial, predaceous mites and insects because of its selectivity, carbazate chemistry, and mode of action. It is compatible with IPM and resistance management programs.

Because BANTER WDG Miticide is not systemic in action, thorough coverage of both the upper and lower leaf surfaces and fruit is required for effective control.

MIXING INSTRUCTIONS

Fill spray tank with 1/2 the desired amount of water. With agitation running, add the required amount of BANTER WDG Miticide until product is fully dispersed. Follow with wettable powders, dry flowables, liquid flowables, liquids and emulsifiable concentrates, and then surfactants. Then fill the tank with the remaining amount of required water.

As with other pesticide products, BANTER WDG Miticide stability can be affected by high pH and high temperature. Spray mixtures containing BANTER WDG Miticide should be maintained within a range of pH 5.5 to 6.5 for best performance.

Tank mixtures are only permitted in States where all of pesticide products used as tank-mix partners are registered. When tank-mixing, follow the most restrictive of all of the labeled use directions, use restrictions, and use limitations for the tank-mix partners.

Compatibility: BANTER WDG Miticide can be tank-mixed with other insecticide products to achieve broad-spectrum insect control. Users must conduct small-scale trials under local conditions to ensure compatibility prior to any large-scale use because of differences in water quality (ie., hardness and pH).

PRODUCT USE RATES AND DIRECTIONS

Refer to the USE INSTRUCTIONS BEARING CROPS table for application rates, application number, and pre-harvest interval (PHI) for labeled crops.

For ground application:

Refer to the USE INSTRUCTIONS tables for minimum numbers of gallons of spray solution to apply per acre using the following types of equipment: compressed air, hydraulic ground boom or air-blast sprayers.

For aerial application:

Refer to the USE INSTRUCTIONS table for minimum numbers of gallons of spray solution to apply per acre (or the minimum gallons/acre allowed by your State, which may not be less than the minimum gallons/acre shown on this label) using either a fixed-wing aircraft or helicopter. Always use an adequate spray volume to ensure complete coverage of the crop canopy.

For chemigation application:

Refer to the instructions for CHEMIGATION USE PRECAUTIONS FOR CRANBERRY AND MINT. Refer to the USE INSTRUCTIONS BEARING CROPS table for the ranges in application rates permitted for these crops. Only one application may be made per year. Sprinkler systems must be operated at 80 to 100% during treatment application to apply the minimum amount of water possible.

Application must be made as soon as mites appear for maximum residual control. When mite infestations are light, use the lowest rate specified. For heavier mite infestations or for extended residual control, the highest specified rate may be required.

BANTER WDG Miticide is effective control for a variety of mites species, especially spider mites, red mites and grass mites when used as directed. It is NOT effective against rust mites, broad mites and flat mites. BANTER WDG Miticide is primarily active on the motile stage of mites, but also has ovicidal activity against spider mites (*Tetranychus* species).

Restrictions:

- Do not tank-mix oil with BANTER WDG Miticide when applying to Golden Delicious apples.
- Rotational Crops: BANTER WDG Miticide has a plantback restriction of 30 days. Do not plant another crop within 30 days after last application of BANTER WDG Miticide due to chances of bifenazate residues showing up in rotational crops.
- Do not exceed the maximum amount of bifenazate allowed per crop per season, regardless of the bifenazate-containing product(s) used.

MITES CONTROLLED

Avocado red spider Pecan leaf scorch Banks grass Persea Brown almond Six-spotted Citrus red Southern red mite Clover Spruce spider mite European red (use maximum rate) Strawberry spider McDaniel Two-spotted spider Pacific spider Willamette

USE INSTRUCTIONS

BEARING CROPS

	Amount Banter WDG Miticide	Minin Gallo Per A	ons	Chemigation Acre Inches	Total Number of Sprays	Minimum Days Between	Harvest Days After Application
Crop	Per Acre*	Ground	Air**	of Water	Per Season	Applications***	(PHI Days)
AVOCADO	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	-	-	2 (maximum 1.0 lbs ai/A)	21	7
CANEBERRY (within Crop Sub-Group 13-07A) Blackberry Loganberry Raspberry (red, black, wild) & Cultivars and/or hybrids of these	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	-	-	2 (maximum 1.0 lbs ai/A)	30	1
CUCURBIT (within Crop Group 9) Chayote (fruit) Chinese waxgourd Citrus melon Cucumber Gherkin Gourd (edible) Balsam apple Balsam pear Bitter melon Chinese cucumber Muskmelon (Mormordica spp.) (hybrids and/or cultivars of Cucumis melo including cantaloupe, true cantaloupe, casaba, crenshaw, golden pershaw, honeydew, honey ball melon, mango, Persian, pineapple, Santa Claus, snake) Pumpkin Squash (summer and winter, includes crookneck, scallop, straight neck, vegetable marrow, zucchini, butternut, Calabaza, hubbard squash, acorn squash, and spaghetti squash) Watermelon	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	10		1 (maximum 0.50 lbs ai/A)		3

(continued)

BEARING CROPS

	Amount Banter WDG Miticide	Minin Gallo Per A	ons	Chemigation Acre Inches	Total Number of Sprays	Minimum Days Between	Harvest Days After Application
Crop	Per Acre*	Ground	Air**	of Water	Per Season	Applications***	(PHI Days)
FRUITING VEGETABLES (within Crop Group 8-10) Eggplant (including African, pea, scarlet), Cocona Garden huckleberry Goji berry Groundcherry Martynia Naranjilla Okra Pepino Pepper (bell, non-bell, chili, cooking, hot, pimento, sweet) Roselle Sunberry Tomato (including bush, currant, tree) Tomatillo & Cultivars, varieties and/or hybrids of these	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	10	-	1 (maximum 0.50 lbs ai/A)	_	3
GRAPES AND OTHER CLIMBING VINE SMALL FRUIT (EXCEPT FUZZY KIWIFRUIT) (within Crop Sub-Group 13-07F) Amur river grape Gooseberry Kiwifruit (hardy) Maypop Schisandra berry & Cultivars, varieties and/or hybrids of these	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	_	-	1 (maximum 0.50 lbs ai/A)	-	14
HOPS	0.75 - 1.5 lbs (0.375-0.75 lbs ai/A)	50	_	-	1 (maximum 0.75 lbs ai/A)	-	14
EDIBLE PODDED LEGUME VEGETABLES (within Crop Sub-Group 6A) and SUCCULENT SHELLED PEAS AND BEANS (within Crop Sub-Group 6B) Bean (Lupinous spp.) (includes grain lupin, sweet lupin, white lupin, white sweet lupin) Bean (Phaseolus spp.) (includes field, kidney, navy, pinto, runner, snap, tepary, wax, lima (green)) Bean (Vigna spp.) (includes adzuki, asparagus bean, broadbean (fava), catjang, chickpea (garbanzo), Chinese longbean, cowpea, guar, jack, lablab, lentil, moth, mung, rice, yardlong, blackeyed pea, Southern pea) Jackbean Broad bean (succulent) Pea (Pisum spp.) (including dwarf, edible-pod, snowpea, sugar snap, field, English, garden, green) Soybean (immature seed) Sword Bean Pigeon Pea	1.0 - 1.5 lbs (0.50-0.75 lbs ai/A)	20	10		2 (maximum 1.50 lbs ai/A)	14	3

(continued)

BEARING CROPS

	Amount Banter WDG	Minimum Gallons Per Acre		Chemigation	Total Number	Minimum Days	Harvest Days After
Crop	Miticide Per Acre*	Ground	Air**	Acre Inches of Water	of Sprays Per Season	Between Applications***	Application (PHI Days)
MINT	0.75 - 1.5 lbs (0.375-0.75 lbs ai/A)	50	10	0.1 - 0.2 See separate Chemigation Use Instructions	1 (0.75 lbs ai/A)	-	7
POME FRUITS (within Crop Group 11-10) Apple Ararole Crabapple Medlar Pear (including Asian, Oriental) Quince (including Chinese, Japanese) Tejocote & Cultivars, varieties and/or hybrids of these	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	-	_	1 (0.50 lbs ai/A)	-	7
STRAWBERRY AND OTHER LOW GROWING BERRY (within Crop Sub-Group 13-07G) Bearberry Bilberry Lowbush blueberry Cloudberry Cranberry Lingonberry Muntries Partridgeberry & Cultivars, varieties and/or hybrids of these	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	100	-	0.1 - 0.2 See separate Chemigation Use Instructions	2 (maximum 1.0 lbs ai/A)	21	1
STONE FRUIT Apricot Cherry (sweet, tart) Nectarine Peach Plum (Chickasaw, damson, Japanese) Plumcot Prune (fresh)	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	-	-	1 (maximum 0.50 lbs ai/A)	-	3
TREE NUTS (within Crop Group 14) (including Pistachio) Almond Beech nut Brazil nut Butternut Cashew Chestnut Chinquapin Hickory nut Macadamia (bush nut)	0.75 - 1.5 lbs (0.375-0.75 lbs ai/A)	50	-	_	1 (maximum 0.75 lbs ai/A)	-	7
Filbert (hazelnut) Pecans Pistachios Walnut (black and English (Persian))							14

(continued)

BEARING CROPS

	Amount Banter WDG		Minin Gallo Per A	ons	Chemigation Acre Inches	Total Number of Sprays	Minimum Days Between	Harvest Days After Application
Crop	Per Acre*	Ground	Air**	of Water	Per Season	Applications***	(PHI Days)	
TROPICAL FRUIT Papaya, Star Apple, Black Sapote, Mango, Sapodilla, Canistel, Mamey Sapote, Lychee, Longan, Spanish Lime, Rambutan, Pulasan, Guava, Feijoa, Jaboticaba, Wax Jambu, Starfruit (Carambola), Passionfruit, Acerola, Sugar Apple, Cherimoya, Atemoya, Custard Apple, Ilama, Soursap, Birida	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	_	-	2 (maximum 1.0 lbs ai/A)	21	1	

^{*}Use the highest specified rate under heavier mite pressure.

NON-BEARING CROPS

DOSAGE INSTRUCTION

BANTER WDG Miticide 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 in the table below.

Fruit trees and berries in both commercial plantings and nurseries, which includes transplant uses but excludes residential areas.

All listed non-bearing crops have a 12 hour restricted entry interval (REI).

Application is by ground equipment only.

Additional non-bearing crops that may be treated are:

Crop	Mites Controlled	Amount Banter WDG Miticide Per Acre	Minimum Gallons Spray Solution Per Acre	Total Number of Sprays Per Season
Berries (blueberry, highbush; elderberry; huckleberry) Citrus (grapefruit, lemons, limes, oranges, tangerines, etc.) Currants; Dates; Figs Persimmons	Banks grass Brown almond Citrus red Clover European red (use maximum rate) McDaniel Pacific spider Pecan leaf scorch Strawberry spider Southern red mite Spruce spider mite Two-spotted spider Willamette	0.75 - 1.0 lbs (0.375-0.50 lbs ai/A)	50	1 (maximum 0.50 lbs ai/A)

^{**}Minimum gallonage per acre permitted by state, but not less than lowest range shown.

^{***}Use a miticide with a different mode-of-action between any two (2) applications of Banter WDG.

CHEMIGATION USE PRECAUTIONS FOR CRANBERRY AND MINT

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

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform 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 the necessary adjustments should the need arise.

The system 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.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

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. 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.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Constant agitation must be maintained in the chemical supply tank during the entire period of miticide application.

Inject the product with a positive replacement pump into the main line ahead of a right angle turn, to insure adequate mixing.

Application of more than label recommended quantities of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness.

Do not apply when system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.

Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of more dilute mixture per hour. Pesticide should be applied continuously for the duration of the water addition.

Where sprinkler irrigation patterns do not overlap sufficiently unacceptable mite control may result. Where sprinkler distribution patterns overlap excessively crop injury may result.

Check with state lead agencies for state specific chemigation requirements.

RESISTANCE MANAGEMENT STRATEGIES

BANTER WDG Miticide when used as directed combines a high activity on mites with safety to beneficial/predaceous mites and insects. The carbazate chemistry of BANTER WDG Miticide offers control of mites which have developed a resistance to commonly used products. These properties can result in fewer miticide/insecticide applications as well as a reduction in the general problems which are caused by resistance.

BANTER WDG Miticide has demonstrated no cross resistance with other commercial miticides. BANTER WDG Miticide contains an active ingredient classified as a Group un acaricide.

BANTER WDG Miticide is suitable to be used as a rotational partner with other miticides.

Follow the mite control strategies below:

- IPM techniques should be incorporated into your insect control program.
- Thorough spray coverage on all foliage must be ensured.
- Scout regularly and apply BANTER WDG Miticide as soon as infestations are observed. Do not wait until large populations have established.
- Always apply BANTER WDG Miticide according to label directions and at specified rates.
- Unless otherwise specified, use only one application of BANTER WDG Miticide per year, and rotate to a product with a different mode-ofaction grouping.
- Because of its selectivity, BANTER WDG Miticide can be used in conjunction with most biological control organisms available for mite control.
 BANTER WDG Miticide, when used as directed, does not adversely affect populations of beneficial/predaceous mites and insects including:

Common Name	Scientific Name
Predatory mite	Amblyseius fallacis
Predatory mite	Phytoseiulus persimilis
Western predatory mite	Typhlodromus occidentalis
Predatory mite	Typhlodromus pyri
Predatory mite	Zetzellia mali
Sevenspotted lady beetle	Coccinella septempunctata
Spider mite destroyer	Stethorus punctum
Common lacewing	Chrysopa carnea
Insidious flower bug	Orius insidiosus
Sixspotted thrips	Scolothrips sexmaculatus
Western flower thrips	Frankliniella occidentalis

The use of these organisms in conjunction with BANTER WDG Miticide 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 dry location.

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

CONTAINER HANDLING:

Nonrefillable containers equal to or less than 5 gallons. Do not reuse or refill this container.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container full with water and recap. Shake container for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer container for recycling, reconditioning, or puncture and dispose of container in a sanitary landfill, by incineration. Do not burn, unless allowed by state and local ordinances.

Nonrefillable containers greater than 5 gallons. Do not reuse or refill this container.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer container for recycling, reconditioning, or puncture and dispose of container in a sanitary landfill, by incineration. Do not burn, unless allowed by state and local ordinances.

IMPORTANT INFORMATION READ BEFORE USING PRODUCT

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of United Phosphorus, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus. Inc. and Seller harmless for any claims relating to such factors.

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