

ACCEPTED
 SEP 28 2005
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 66222-98

RESTRICTED USE PESTICIDE
 Toxic to fish and aquatic organisms
 For retail sale to and use only by certified applicators or persons under their direct supervision and only for the uses covered by the certified applicator's certification.

**FANFARE™ 2EC-CAL
 INSECTICIDE/MITICIDE**

ACTIVE INGREDIENT:	% BY WT.
Bifenthrin: (2 methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate*	25.1%
OTHER INGREDIENTS:**	74.9%
	TOTAL 100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.
 **Contains petroleum distillates.
 This product contains 2 pounds active ingredient per gallon.

**KEEP OUT OF REACH OF CHILDREN
 WARNING-AVISO**

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

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person.
IF IN EYES:	<ul style="list-style-type: none"> • Do not give anything by mouth to an unconscious person. • 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 a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • 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 INHALED:	<ul style="list-style-type: none"> • 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-250-9291 for emergency medical treatment information.

NOTE TO PHYSICIAN: This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and should be avoided. This product contains a petroleum distillate; vomiting may cause aspiration pneumonia.

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

May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses.) Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

NET CONTENTS: 1 GALLON

EPA Reg. No. 66222-98
 EPA Est. No. 5905-GA-001, 11678-IS-001, 11678-ISR-001

Makhteshim Agan of North America, Inc.
 4515 Falls of Neuse Road, Suite 300
 Raleigh, NC 27609

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Handlers who may be exposed to the dilute through application or other tasks must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or Viton
- Shoes plus socks

Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or Viton
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/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 extremely toxic to fish and aquatic invertebrates. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not make applications when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

PHYSICAL/CHEMICAL HAZARDS

COMBUSTIBLE. 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 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) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. For applications to sites with restricted entry intervals (REIs) of 7 days or more, notify workers of applications by warning them orally and by posting warning signs at entrances of treated areas. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) listed in the chart below.

AGRICULTURAL USE REQUIREMENTS (continued)

CROP	ACTIVITY	REI
Artichokes	All	5 days
Beans (for fresh market)	All	9 days
Beans (for processing only)	All	24 hours
Caneberries (mechanically harvested)	All	24 hours
Caneberries (all others)	All	4 days
Cotton	Scouting	7 days
Cotton	Other Activities	24 hours
Eggplant	All	9 days
Field Corn (grown for seed)	Detasseling	18 days
Field Corn (grown for seed)	Rouging	18 days
Field Corn (grown for seed)	Other Activities	24 hours
Head/Stem Brassica	All	5 days
Other Crops	All	24 hours
Peas (for fresh market)	All	9 days
Peas (for processing only)	All	24 hours
Sweet Corn (for processing only)	All	24 hours
Sweet Corn (for fresh market)	All	18 days

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
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or Viton
- Shoes plus socks

CHEMIGATION USE DIRECTIONS

Apply this product only through sprinkler 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.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.

Crop injury, lack of effectiveness, or illegal residues in the crop can result from non-uniform distribution of treated water. Contact your State Agricultural Extension Service specialists, equipment manufacturers, or other experts for consultation on the suitability of the equipment set up to obtain effective control of the target insect pests.

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. Failure to cease application during a mechanical stoppage may result in undesirable residues to adjacent areas.

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.

Results from utilizing chemigation have been variable and depend upon the set up and calibration of equipment. Fanfare 2EC-CAL should be applied continuously for the duration of the water application. Fanfare 2EC-CAL should be diluted in sufficient volume to ensure accurate application over the area to be treated. A minimum of 0.5 inch per acre of irrigation water is recommended when chemigation is used except that for Low Energy Precision Application (LEPA) irrigation, a minimum of 0.75 inch of water per acre is recommended. Use 1 to 2 pints per acre when non-emulsified oils are used as the diluent. Agitation generally is not required when a suitable diluent is used. A diluent test should be conducted to ensure that phase separation will not occur during dilution and application. Failure to achieve a uniform dilution throughout the time of application may result in undesirable residues or less than desirable control.

RESISTANCE MANAGEMENT

Fanfare 2EC-CAL is effective in controlling insect pests and minimizing the development of resistance when used in rotation with other insecticides and miticides in an IPM program. To reduce selection pressure for resistant pests:

- Fanfare 2EC-CAL use should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.
- Always apply Fanfare 2EC-CAL at the recommended rates and according to label directions. Do not use less than recommended label rates alone or in tank mixtures unless directed otherwise in supplemental labeling supplied by Makhteshim Agan of North America, Inc. (MANA).
- Use Fanfare as part of an insect management program that includes cultural and biological control where possible. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. Immediately consult your local MANA representative or agricultural advisor for the best alternative method of control for your area.

ROTATIONAL CROPS

Crops for which bifenthrin tolerances exist may be rotated at any time. All other crops may be rotated 30 days following the final application of Fanfare 2EC-CAL.

MIXING INSTRUCTIONS

The spray tank must be clean, thoroughly rinsed, and decontaminated before adding either Fanfare 2EC-CAL alone or with tank mix combinations (see Fanfare 2EC-CAL in Tank Mixtures section below). If water is used as the carrier, use clean water.

Note: The registration of this product in California requires that the product be used in a closed system that meets the criteria for closed systems established by the California Department of Pesticide Regulation.

Fanfare 2EC-CAL Used Alone: When Fanfare 2EC-CAL is used alone, add the recommended amount to the spray tank when the tank is half filled with water or other carrier, then add the rest of the water or other carrier (as permitted on this label). Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

Fanfare 2EC-CAL in Tank Mixtures: If a tank mixture is used, it is recommended that a compatibility test be done before actual tank mixing. A jar test for physical compatibility is recommended for untried mixtures using proper ratios and mixing sequences of all ingredients to be included in the mixture. Once compatibility is confirmed for the tank mix, fill the tank half full with water or other carrier. Start and continue agitation throughout mixing following conventional mixing order practices. Fanfare 2EC-CAL may be applied in tank mixtures with other products approved for use on registered crops. Observe all restrictions and precautions which appear on the labels of these products.

APPLICATION INSTRUCTIONS AND SPRAY DRIFT PRECAUTIONS

The amount of Fanfare 2EC-CAL applied will vary according to pest pressure and timing of application. Use lower rates under light to moderate infestations and higher rates under heavy insect pressure and for mite control. Arid climates generally require higher rates.

Use of Fanfare 2EC-CAL is prohibited in all coastal counties.

Spray Drift Precautions: All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, ESTUARIES, AND COMMERCIAL FISH FARM PONDS: Do not apply by ground equipment within 25 feet, or by air within 150 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultra low volume (ULV) application is made in cotton. Use of ultra low volume (ULV) application on corn and hops is prohibited. Cultivation within 10

feet of a water body is prohibited to allow for the growth of a vegetated filter strip. In New York State, this product may not be applied within 100 feet (using ground equipment) to 300 feet (using aerial equipment) of coastal marshes or streams that drain into coastal marshes.

For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.

Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.

Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.

Make aerial or ground applications when the wind velocity favors on target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.

Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.

Do not make aerial or ground applications during temperature inversions. Do not make aerial or ground applications to corn if heavy rainfall is imminent. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

PREHARVEST INTERVAL

The required days to wait between the last application and harvest are given in () after each crop name.

**CROP USE INSTRUCTIONS
ARTICHOKE (5)**

PEST	DOSAGE		COMMENTS
	LB A/A	FL OZ/A	
Artichoke Plume Moth, Cribrate Weevil	0.10	6.4	Application by ground: Apply a full cover spray in a minimum of 75 gallons of finished spray per acre. Application by air: Apply specified dosage in a minimum of 10 gallons per acre. Apply when pest population reaches damaging threshold and repeat as necessary to maintain control, but not apply more often than 15 day intervals nor exceed the maximum seasonal application rate listed below.
<ul style="list-style-type: none"> Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per season. 			

BRASSICAS (7)

Head and Stem Brassica Vegetables including: Broccoli, Chinese Broccoli (gailon, white flowering broccoli), Brussels sprouts, Cauliflower, Cavalo broccolo, Kohlrabi, Cabbage, Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy)

PEST	DOSAGE		COMMENTS
	LB A/A	FL OZ/A	
Aphids, Armyworms, Cutworms, Corn Earworm, Crickets, Cucumber Beetle, Cutworms, Diamondback Moth, Flea Beetle, Ground Beetles, Imported Cabbageworm, Leafhoppers, Loopers, Saltmarsh Caterpillar, Stink Bugs, Thrips, Tobacco Budworm, Whitefly, Wireworm (adults)	0.033-0.10	2.1-6.4	Application by ground: Apply in a minimum of 10 gallons per acre. Application by air: Apply in a minimum of 2 gallons per acre. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Lygus spp.	0.08-0.10	5.12-6.4	

- Do not apply more than 0.5 lb. active ingredient (1 quart) per acre per season.
- Do not make more than 5 applications after bloom.
- Do not make applications less than 7 days apart.

CANEBERRIES (See text for PHI)

Caneberries including: Blackberries, Bingleberries, Dewberries, Loganberries, Lowberries, Marionberries, Olallieberries, Raspberries, Youngberries

PEST	DOSAGE		COMMENTS
	LB A/A	FL OZ/A	
Leafrollers, Orange Tortrix, Root Weevils	0.05-0.10	3.2-6.4	Apply in water as necessary for insect control using a minimum of 50 gallons of finished spray per acre with ground equipment and 10 gallons per acre by air. One application may be made pre-bloom and a second application may be made post bloom.
Spider Mites	0.10	6.4	

- Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated) per acre per season.
- Do not apply within 4 days of harvest for hand harvested berries nor 3 days of harvest for all other methods of harvest.

CANOLA, CRAMBE, RAPESEED (35)

PEST	DOSAGE		COMMENTS
	LB A/A	FL OZ/A	
Aphids, Armyworms, Cutworms, Diamondback Moth, Flea Beetles, Flea Hoppers, Grasshoppers, Loopers, Lygus Bugs, Other Lepidopterous Larvae, Plant Bugs, Seedpod Weevil, Stink Bugs, Thrips, Whitefly	0.033-0.04	2.1-2.6	Apply in a minimum of 2 gallons of finished spray per acre by air, or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.

- Do not apply more than 0.08 lb. active ingredient (5.12 ounces) per acre per season.
- Do not make applications less than 14 days apart.

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**CORN: FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED
(AT PLANTING)(30)**

PEST	DOSAGE		COMMENTS
	LB. AI	FL OZ	
Corn Rootworm Larvae (Western)	.0046 pound active per 1,000 linear feet of row	0.30 fluid ounces per 1,000 linear feet of row	Apply as a 5- to 7-inch T-band treatment over an open seed furrow. Position the spray nozzle behind the planter shoe in front of the press wheel centered over the row. Use the table below to determine the product needs per acre. Apply in a minimum of 3 gallons of finished spray per acre. Mix Fanfare 2EC-CAL with water or fertilizer in the following manner. Fill the spray tank approximately one half full with water or liquid fertilizer, add the proper amount of Fanfare 2EC-CAL, then add the rest of the water or fertilizer. Provide sufficient agitation during mixing and application to maintain a uniform spray mixture. Applications of Fanfare 2EC-CAL alone or in recommended tank mixtures, in conjunction with in-furrow pop-up fertilizers may be used. A jar compatibility test should be performed with the appropriate ratio of Fanfare 2EC-CAL and fertilizer to ensure mixture will stay in solution. Constant agitation should be maintained during mixing and application.
Cutworm Species, Grubs, Seedcorn Beetle, Seedcorn Maggot, True Armyworm or Armyworm Species, Wireworms	.0023 to .0046 pound active per 1,000 linear feet of row	0.15 to 0.30 fluid ounces per 1,000 linear feet of row	

- Do not apply to soil where there is greater than 30% cover of crop residue remaining.
- Do not graze livestock in treated area or cut treated crops for feed within 30 days of treatment.
- Do not apply more than 0.1 pound active ingredient per acre per season as an at-plant application.

Row spacings (inches)	40	38	36	30
Fanfare 2EC-CAL (pounds ai per acre)	0.060	0.064	0.069	0.080
Fanfare 2EC-CAL (formulated ounces per acre)	3.9	4.1	4.4	5.12

**CORN: FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED
(FOLIAR)(30)**

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Beet Armyworm, Chinch Bug, Corn Earworm, Corn Rootworm Adult, Cucumber Beetle Adult, Cutworm Species, Fall Armyworm, Flea Beetles, Grasshoppers, Greenbugs, Leafhoppers, Stinkbugs, Thrips, True Armyworm or Armyworm Species, Webworms, Yellowstriped Armyworm	0.033-0.10	2.1-6.4	Apply in a minimum of 2 to 5 gallons of finished spray per acre by aircraft or in a minimum of 10 gallons per acre with ground equipment. To improve control by aircraft, use 5 gallons of finished spray per acre particularly when initial populations are heavier than normal. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. To control ear-attacking pests: Apply just before silking and repeat as necessary to maintain control

<p>Banks Grass Mite, Carmine Mite, Twospotted Spider Mite</p>	<p>0.08-0.10</p>	<p>5.12-6.4</p>	<p>but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section. For control of other insect pests: Apply when pests first appear and repeat as necessary but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section. For Control of Mites: Apply for Banks Grass Mite control when colonies first form prior to leaf damage or discoloration and before dispersal above the bottom third of the plant. For Twospotted Spider Mite and Carmine Mite control, apply when colonies first form prior to leaf damage or discoloration and before widespread mite dispersal throughout the canopy. Higher rates will be necessary for heavier initial populations and corn under heat or drought stress. Field experience with dimethoate at 0.5 lb. active per acre in tank mixture has demonstrated good control under these conditions.</p>
<ul style="list-style-type: none"> • Do not apply more than 0.2 pound active ingredient per acre per season for foliar applications. • Do not apply more than 0.3 pound active ingredient per acre per season including at-plant plus foliar applications. • Do not graze livestock in treated areas or cut treated crops for feed within 30 days of the last application. • Use of ultra low volume (ULV) application on corn is prohibited. • Do not make aerial or ground applications to corn if heavy rainfall is imminent. 			

CORN: SWEET CORN (GRAIN AND SILAGE), SWEET CORN GROWN FOR SEED (AT PLANTING)(30)

PEST	DOSAGE		COMMENTS
	LB AI	FL OZ	
<p>Corn Rootworm Larvae (Western)</p>	<p>.0046 pound active per 1,000 linear feet of row</p>	<p>0.30 fluid ounces per 1,000 linear feet of row</p>	<p>Apply as a 5- to 7-inch T-band treatment over an open seed furrow. Position the spray nozzle behind the planter shoe, in front of the press wheel centered over the row. Use the table below to determine the product needs per acre. Apply in a minimum of 3 gallons of finished spray per acre.</p>
<p>Cutworm Species, Grubs, Seedcorn Maggot, True Armyworm or Armyworm Species, Wireworms</p>	<p>.0023 to .0046 pound active per 1,000 linear feet of row</p>	<p>0.15 to 0.30 fluid ounces per 1,000 linear feet of row</p>	<p>Mix Fanfare 2EC-CAL with water or fertilizer in the following manner. Fill the spray tank approximately one-half full with water or liquid fertilizer, add the proper amount of Fanfare 2EC-CAL, then add the rest of the water or fertilizer. Provide sufficient agitation during mixing and application to maintain a uniform spray mixture. Applications of Fanfare 2EC-CAL alone or in recommended tank mixtures, in conjunction with in-furrow pop-up fertilizers may be used. A jar compatibility test should be performed with appropriate ratio of Fanfare 2EC-CAL and fertilizer to ensure mixture will stay in solution. Constant agitation should be maintained during mixing and application.</p>
<ul style="list-style-type: none"> • Do not apply to soil where there is greater than 30% cover of crop residue remaining. • Do not graze livestock in treated area or cut treated crops for feed within 30 days of treatment. • Do not apply more than 0.1 pound active ingredient (6.4 ounces formulated) per acre per season as an at planting application. 			

Row spacings (inches)	40	38	36	30
Fanfare 2EC-CAL (pounds ai per acre)	0.080	0.064	0.069	0.080
Fanfare 2EC-CAL (formulated ounces per acre)	3.9	4.1	4.4	5.12

CORN: SWEET CORN (GRAIN AND SILAGE), SWEET CORN GROWN FOR SEED (FOLIAR)(1)

PEST	DOSAGE		COMMENTS
	LB AI	FL OZ	
Aphids, Army Cutworm, Beet Armyworm, Chinch Bug, Corn Earworm, Corn Rootworm Adult, Cucumber Beetle Adult, Cutworm Species, Fall Armyworm, Flea Beetle, Grasshoppers, Greenbugs, Leafhoppers, Stinkbugs, Thrips, True Armyworm or Armyworm Species, Webworms, Yellowstriped Armyworm	0.033-0.10	2.1-6.4	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. To control ear-attacking pests: Apply when silking begins and repeat as necessary to maintain control but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section.
Banks Grass Mite, Carmine Mite, Twospotted Spider Mite	0.08-0.10	5.12-6.4	For control of other insect pests: Apply when pests first appear and repeat as necessary but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section. For Control of Mites: Apply for Banks Grass Mite control when colonies first form prior to leaf damage or discoloration and before dispersal above the bottom third of the plant. For Twospotted Spider Mite and Carmine Mite control, apply when colonies first form prior to leaf damage or discoloration and before widespread mite dispersal throughout the canopy. Higher rates will be necessary for heavier initial populations and corn under heat or drought stress.
<ul style="list-style-type: none"> Do not apply more than 0.2 pound active ingredient (12.8 ounces formulated) per acre per season. Do not graze livestock in treated areas or cut treated crops for feed within 1 day of last application. Use of ultra low volume (ULV) application on corn is prohibited. Do not make aerial or ground applications to corn if heavy rainfall is imminent. 			

COTTON (14)

PEST	DOSAGE		COMMENTS
	LB. AI/A	FL. OZ/A	
European Corn Borer, Soybean (Banded) Thrips, Tobacco Thrips	0.02-0.10	1.3-6.4	Fanfare 2EC-CAL may be applied in water or refined vegetable oil (soybean/cottonseed). Application in Water: Apply in a minimum of 5 gallons per acre with ground equipment or 1 gallon per acre by aircraft. When applying by air, 1 quart of emulsified oil may be substituted for one quart of water in the finished spray.
Boll Weevil, Bollworm, Cabbage Looper, Cotton Aphid, Cotton Fleahopper, Cotton Leafperforator, Cutworms, Fall Armyworm, Lygus spp., Plant Bugs, Saltmarsh Caterpillar, Southern Garden Leafhopper, Stink Bugs, Tobacco Budworm, Whitefly, Yellow Striped Armyworm	0.04-0.10	2.6-6.4	To Control Boll Weevil: Apply at an interval of 3 to 4 days until pest numbers are reduced to acceptable levels. To Control Mites and Aphids: Apply when pests first appear. Repeat as necessary to maintain control but do not exceed maximum application rates and reapplication intervals listed elsewhere

Beet Armyworm, Carmine Spider Mite, Pink Bollworm, Twospotted Spider Mite	0.06-0.10	3.8-6.4	in this section. Higher rates will be required once a damaging threshold is established.
<ul style="list-style-type: none"> Do not apply more than 0.3 pound active ingredient (19.2 ounces formulated) per acre per season. Do not make more than 3 applications per season. Do not graze livestock in treated areas or cut treated crops for feed. Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip. Do not make more than 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include Ambush[®], Ammo[®], Asana[®] XL, Baythroid[®], Capture[®], Danitol[®], Karate[®], Mustang[®], and Scout X-TRA[®]. 			

CUCURBITS (3)

Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Gourd, edible (includes hyotan, cucuzza); (*Luffa* spp.) (includes hechima, Chinese okra), *Momordica* spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), 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), Pumpkin (*Cucurbita* spp.), Squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), Squash, winter (includes butternut squash, calabaza, hubbard squash (*C. mixta*; *C. pepo*))(includes acorn squash, spaghetti squash), Watermelon (includes hybrids and/or varieties of *Citrullus* spp.).

PEST	DOSAGE		COMMENTS
	LB A/A	FL OZ/A	
Aphids, Armyworms, Cabbage Looper, Corn Earworm, Cucumber Beetles, Cutworms, Grasshoppers, Leafhoppers, Melonworms, Pickleworms, Plant Bugs Rindworms, Squash Bugs, Squash Vine Borer, Stink Bugs, Tobacco Budworm	0.04-0.10	2.6-6.4	Apply in a minimum of 5 gallons of finished spray per acre by air or in a minimum of 20 gallons per acre with ground equipment. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Banks Grass Mite, Carmine Mite, Lygus spp., Twospotted Spider Mite, Whitefly	0.08-0.10	5.12-6.4	
<ul style="list-style-type: none"> Do not apply more than 0.3 lb. active ingredient (19.2 ounces formulated) per acre per season. Do not make more than two applications after bloom. Do not make applications less than 7 days apart. 			

EGGPLANT (7)

PEST	DOSAGE		COMMENTS
	LB A/A	FL OZ/A	
Amyworms, Cabbage Loopers, Colorado Potato Beetle, Corn Earworm, Cucumber Beetles, European Corn Borer, Flea Beetles, Plant Bugs, Stink Bugs, Thrips, Tomato Hornworm, Tomato Pinworm, Vegetable Leafminer, Whitefly	0.033-0.10	2.1-6.4	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Banks Grass Mite, Carmine Mite, Lygus spp., Pacific Spider Mite, Twospotted Spider Mite	0.08-0.10	5.12-6.4	
<ul style="list-style-type: none"> Do not make applications less than 7 days apart. Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated) per acre per season. 			

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LETTUCE, HEAD (7)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms, Cabbage Maggot, Corn Earworm, Cucumber Beetles, Cutworms, Diamondback Moth, Flea Beetles, Imported Cabbageworm, Leafhoppers, Loopers, Salt Marsh Caterpillar, Stink Bug spp., Thrips, Tobacco Budworm, Whitefly	0.033-0.10	2.1-6.4	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Carmine Mite, Lygus spp., Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not make applications less than 7 days apart.
- Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per season.

PEARS (14)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Codling Moth, Cutworms, Green Fruitworm, Leafhoppers, Leafminers, Leafrollers, Lygus spp., Plant bugs, Plum Curculio, San Jose Scale (Crawlers), Stink Bugs, Tarnished Plant Bug	0.04 to 0.2	2.6 to 12.8	Application by ground: Apply as a dilute (minimum of 200 gallons of finished spray per acre) or concentrate (minimum of 50 gallons of finished spray per acre) spray in sufficient water to provide thorough coverage. Application by air: Apply the specified dosage in a minimum of 10 gallons per acre by air. Apply as necessary to maintain control using a minimum of a 30 day spray interval.
Twospotted Spider Mite, Yellow Mite	0.06 to 0.2	3.8 to 12.8	
European Red Mite	0.08 to 0.2	5.12 to 12.8	

- Do not apply more than 0.5 pound active (32 ounces formulated) per acre per season with no more than 0.45 (28.8 ounces formulated) pound active per acre applied after petal fall.
- Apply up to 14 days prior to harvest.
- Do not graze livestock in treated orchards or cut treated cover crops for feed.

PEPPERS, BELL AND NON-BELL (7)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms, Corn Earworm, Cucumber Beetle, Cutworms, Flea Beetles, Leafhoppers, Leafminers, Loopers, Pepper Weevil, Stink Bug spp., Thrips, Tobacco Budworm, Whitefly	0.033-0.10	2.1-6.4	Apply using sufficient water to obtain uniform coverage. Apply as needed with ground equipment using a minimum of 10 gallons of finished spray per acre or a minimum of 2 gallons per acre by aircraft.
Carmine Mite, Lygus spp., Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not make applications less than 7 days apart.
- Do not apply more than 0.20 lb. active ingredient (12.8 ounces formulated) per acre per season.

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SPINACH (40)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Amyworms, Colorado Potato Beetle, Corn Earworm, Cucumber Beetles, Cutworms, European Corn Borer, Flea Beetles, Leafminers, Loopers, Pepper Weevil, Thrips, Tomato Hornworm, Tomato Pinworm, Whitefly	0.033-0.10	2.1-6.4	Apply the specified dosage in 5-50 gallons of finished spray per acre by air or 10-50 gallons of finished spray per acre by ground. For control of whiteflies, apply foliar treatments of Fanfare 2EC-CAL insecticide by ground or air at rates of up to 0.4 pt. of formulated product (0.1 lb active) per acre at minimum of 7 day intervals up to a maximum of 4 applications.
Banks Grass Mite, Broad Mite, Carmine Mite, Lygus spp., Pacific Spider Mite, Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not make applications less than 7 days apart.
- Do not apply more than 0.4 lb. active ingredient (25.6 ounces formulated) per acre per season.

LIMA BEANS (See text for PHI)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Flea Beetle, Leafhoppers	0.025-0.10	1.6-6.4	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Corn Earworm, Loopers, Plant Bugs, Stink Bugs, Whitefly	0.033-0.10	2.1-6.4	
Banks Grass Mite, Carmine Mite, Lygus spp., Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated) per acre per season.
- Do not apply within 3 days of harvest nor within 9 days of harvest for beans that are hand harvested.

TOMATOES (1)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms (including Beet Armyworm, Fall Armyworm, Western Yellowstriped Armyworm Bean Leaf Beetle, Carmine Mite, Corn Earworm, Corn Rootworm, Cucumber Beetle, Cutworms, Diamondback Moth, Flea Beetles, Flea Hoppers, Grasshoppers, Leafhoppers, Loopers, Lygus spp., Melonworms, Plant Bugs, Salt Marsh Caterpillar, Squash Bugs, Stink Bug spp., Tobacco Budworm, Thrips, Two Spotted Spider Mite, Whitefly	0.033-0.08	2.1-5.2	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control.

- Do not make applications less than 10 days apart.
- Do not make more than 4 applications per season.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: DO NOT ALLOW PRODUCT TO FREEZE. Do not store below 40° F. If crystals are observed, warm material to above 60° F by placing container in warm location. Shake or roll container periodically to redissolve solids. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

In case of spill or leak on floor or paved surfaces, soak up with sand earth, or synthetic absorbent. Remove to chemical waste area.

WARRANTY STATEMENT

MAKHTESHIM AGAN OF NORTH AMERICA, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of MAKHTESHIM AGAN OF NORTH AMERICA, Inc. To the extent allowed by law, MAKHTESHIM AGAN OF NORTH AMERICA, Inc. shall not be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein, MAKHTESHIM AGAN OF NORTH AMERICA, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at MAKHTESHIM AGAN OF NORTH AMERICA Inc's election, the replacement of this product.

Ammo, Capture, Mustang, U-Turn—trademarks of FMC Corporation

Ambush, Karate—Trademarks of Zeneca, Inc.

Asana—trademark of E.I. duPont de Nemours & Company

Baythroid—trademark of Bayer Aktiengesellschaft

Danitol—trademark of Sumitomo Chemical Company, Ltd.

Scout Xtra—trademark of Hoechst Schering Agrevo A.A.

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RESTRICTED USE PESTICIDE
Toxic to fish and aquatic organisms
 For retail sale to and use only by certified applicators or persons under their direct supervision and only for the uses covered by the certified applicator's certification.

FANFARE™ 2EC-CAL INSECTICIDE/MITICIDE

EPA Reg. No. 66222-98

ACTIVE INGREDIENT:	% BY WT.
Bifenthrin: (2 methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate*	25.1%
OTHER INGREDIENTS:**	74.9%
	TOTAL 100.0%

SUPPLEMENTAL LABELING

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product inconsistent with its labeling.
- This supplemental labeling must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

SUCCULENT PEAS AND BEANS (SEE TEXT FOR PHI)

Pea (*Pisum spp.*): Dwarf pea, Edible-pod pea, English pea, Garden pea, Green pea, Snow pea, Sugar snap pea, Pigeon pea

Bean (*Phaseolus spp.*): Broadbean (succulent), Lima bean (green), Runner bean, Snap bean, Wax bean

Bean (*Vigna spp.*): Asparagus bean, Blackeyed pea, Chinese longbean, Cowpea, Moth bean, Southern pea, Yardlong bean, Jackbean, Soybean (immature seed), Sword bean

PEST	DOSAGE		COMMENTS
	LB A/A	FL OZ/A	
Aster Leafhopper, Flea Beetle, Grasshoppers, Leafhoppers	0.025-0.10	1.6-6.4	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Alfalfa Caterpillar, Aphids, Bean Leaf Beetle, Beet Armyworm, Cloverworm, Corn Earworm, Corn Rootworm Adult, Cucumber Beetle, Cutworms, European Corn Borer, Fall Armyworm, Japanese Beetle Adult, Loopers, Pea Leaf Weevil, Pea Weevil, Plant Bugs, Sap Beetle, Southern Armyworm, Stink Bugs, Thrips, Webworms, Western Bean Cutworm, Whitefly, Yellowstriped Armyworm	0.033-0.10	2.1-6.4	
Banks Grass Mite, Carmine Mite, Lygus spp., Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated) per acre per season.
- Do not apply within 3 days of harvest nor within 9 days of harvest for peas/beans that are hand harvested.