66222-99 12/19/2013 1/24

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 19, 2013

Ms. Laura Phelps
Makhteshim Agan of North America, Inc.
3120 Highwoods Blvds #100
Raleigh, NC 27604

Subject: Amendment: Adding Bushberries and Leafy Petiole Vegetables
Fanfare® 2EC
EPA Reg. No. 66222-99
Your Submission Dated August 6, 2013

Dear Ms.Phelps :

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. The supplemental labels must be incorporated into the master label at the next printing of the product label (final printed label) or within 18 months of the date of this letter, whichever comes first. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander at Alexander.bewanda@epa.gov or (703) 305-7460.

Sincerely,

BeWanda Alexander for

Richard Gebken
Product Manager Team 10
Insecticide Branch
Registration Division (7505P)

Enclosure

2/24

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.

"GROUP 3 INSECTICIDE" symbol

FANFARE® 2EC
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.

EPA Reg. No. 66222-99 EPA Est. No. [redacted]

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).

How can we help? 1-866-406-MANA (6262).

EPA Reg. No. 66222-99 EPA Est. No. [redacted]

NET CONTENTS: ___ GALS

FIRST AID	
IF SWALLOWED:	• 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. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15-20 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:	• 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:	• 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 PROSAR at 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.	

ACCEPTED
DEC 19 2013
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide Registered under EPA Reg. No. 66222-99

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.

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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
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.

For sprinkler irrigation, meter Fanfare 2EC at a continuous uniform rate during the entire irrigation period. To ensure accurate application over the treated area, apply in sufficient volume of water or other diluent. If non-emulsified oil is used as the diluent, use 1 to 2 pints per acre. Maintain continuous agitation of the pesticide supply tank for the duration of the application period. When chemigation systems are used, 0.5 inch per acre of irrigation water is suggested except that for Low Energy Precision Application (LEPA) irrigation, a minimum of 0.75 inch of water per acre is suggested.

RESISTANCE MANAGEMENT

Fanfare 2EC contains a Group 3 insecticide. With repeated use of Group 3 insecticides as the primary method of control in the same field or in successive years, insect/mite populations can develop resistant biotypes. If this occurs, insect/mite biotypes with acquired resistance to Group 3 insecticides may eventually dominate the insect/mite

population. This may result in partial or total loss of control of those species by Fanfare 2EC or other Group 3 insecticides.

To delay development of insecticide resistance, the following practices are suggested:

- Base insecticide applications on comprehensive IPM programs. This program should include an insect management program that includes cultural and biological control where possible.
- Use good resistance management strategies established for the use area. This may include the use of insecticide rotations or tank mixes with other groups of insecticide and miticides in an IPM program.
- Always apply Fanfare 2EC at the labeled rates and according to label directions. Do not use less than label rates alone or in tank mixtures unless directed otherwise in supplemental labeling supplied by Makhteshim Agan of North America, Inc. (MANA).
- Monitor treated populations in the field for loss of control. 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.
- Do not treat seedling plants grown for transplant in greenhouse, shade houses, or field plots.
- Consult your local extension specialist, certified crop advisor, and/or manufacturer for insecticide resistance management and/or IPM guidance for the specific site and resistant pest problems.

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.

MIXING INSTRUCTIONS

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

For aerial applications made on brassicas (see **CROPS** section of the label below for full list of approved brassicas), canola, crambe, rapeseed, foliar applications on corn, cucurbits (see **CROPS** section of the label below for full list of approved cucurbits), eggplant, grapes, head lettuce, and succulent peas and beans (see **CROPS** section of the label below for full list of approved succulent peas and beans), 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. For aerial applications made on cotton, 1 quart of emulsified oil may be substituted for one quart of water in the finished spray. Thorough coverage is essential to achieve control.

Fanfare 2EC Used Alone: When Fanfare 2EC is used alone, add the labeled 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 with Fertilizer: Fill the spray tank approximately one-half full with water and/or liquid fertilizer, add the proper amount of Fanfare 2EC, and then add the rest of the water and/or fertilizer. Provide sufficient agitation during mixing and application to maintain a uniform spray mixture.

Perform a jar compatibility test with the appropriate ratio of Fanfare 2EC and fertilizer to ensure the mixture will stay in solution. Maintain constant agitation during mixing and application.

Fanfare 2EC in Tank Mixtures: If a tank mixture is used, perform a compatibility test before actual tank mixing. Test all 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 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

The rate of Fanfare 2EC 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.

Unless otherwise specified for a specific crop, apply when pest population reaches economic (damaging) threshold and repeat as necessary to maintain control. Thorough coverage is essential to achieve control.

In the **COMMENTS** section of the label for each crop, the application rate when applied by ground and/or air is listed as an amount of spray per acre. In all cases, this refers to finished spray per acre.

SPRAY DRIFT REQUIREMENTS

Wind Direction and Speed
Only apply this product if the wind direction favors on-target deposition. Do not apply when the wind velocity exceeds 15 mph.

Temperature Inversion
Do not make aerial or ground applications into temperature inversions. 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.

Droplet Size
Use only Medium or coarser spray nozzles (for ground and non-ULV aerial application) according to ASAE (S572) definition for standard nozzles. In conditions of low humidity and high temperatures, applicators should use a coarser droplet size.

Additional Requirements for Ground Applications
Wind speed must be measured adjacent to the application site on the upwind side immediately prior to application. For ground boom applications, apply using a nozzle height of no more than 4 feet above the ground or crop canopy. For airblast applications, turn off outward-pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

Additional Requirements for Aerial Applications
Mount the spray boom on the aircraft as to minimize drift caused by wingtip or rotor vortices. Use the minimum practical boom length which must not exceed 75% of the wing span or rotor diameter.
Flight speed and nozzle orientation must be considered in determining droplet size.
Spray must be released at the lowest height consistent with pest control and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

BUFFER ZONES

Vegetative Buffer Strip
Construct and maintain a minimum 10-foot-wide vegetative filter strip of grass or other permanent vegetation between the field edge and down-gradient aquatic habitat (such as but not limited to lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds).
Only apply products containing bifenthrin onto fields where a maintained vegetative buffer strip of at least 10 feet exists between the field and down-gradient aquatic habitat.
For guidance, refer to the following publication for information on constructing and maintaining effective buffers: *Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services.* USDA, NRCS. 2000. Fort Worth, Texas. 21 pp. http://www.in.csusda/v/technical/agronom/newconbuf.pdf
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.

Buffer Zone for Ground Application (ground boom, overhead chemigation, or airblast)
Do not apply within 25 feet of aquatic habitats (such as but not limited to lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds).

Buffer Zone for ULV Aerial Application
Do not apply within 450 feet of aquatic habitats (such as but not limited to lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds).

Buffer Zone for Non-ULV Aerial Application
Do not apply within 150 feet of aquatic habitats (such as but not limited to lakes, reservoirs, rivers streams, marshes, natural ponds, estuaries, and commercial fish ponds).

CROPS

ARTICHOKE

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Artichoke Plume Moth, Cribrate Weevil	0.10	6.4	**Ground application:** Apply in water in a minimum of 75 gallons per acre as a full cover spray. **Air application:** Apply in water in a minimum of 10 gallons per acre.
• Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per season. • Repeat applications if needed to maintain control, but do not make applications less than 15 days apart. • Preharvest interval 5 days.			

BRASSICAS

7/24

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 AI/A	FL OZ/A	
Aphids, Armyworms, 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	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water.
Banks Grass Mite, Carmine Mite, Lygus spp., Pacific Spider Mite, Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per season.
- Do not make more than 5 applications after bloom.
- Repeat applications if needed to maintain control, but do not make applications less than 7 days apart.
- Preharvest interval 7 days.

BUSHBERRIES

Blueberry (highbush and lowbush), Currant, Elderberry, Gooseberry, Huckleberry

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Blueberry Maggot, Fruitworms, Plum Curculio, Leaf Rollers, Spanworm, Leafhoppers, Japanese Beetle, Aphids	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Do not make applications less than 7 days apart.
Twospotted Spider Mite, Carmine Mite, Pacific Spider Mite, *Lygus* spp.	0.08-0.10	5.12-6.4	

- Do not apply more than 0.5 lb active ingredient (32 fluid ounces formulated) per acre per season.
- Preharvest interval 1 day.

CANEBERRIES

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

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Leafrollers, Orange Tortrix, Root Weevils	0.05-0.10	3.2-6.4	**Ground application:** Apply in water in a minimum of 50 gallons per acre. **Air application:** Apply in water in a minimum of 10 gallons per acre. A total of two applications may be made. Make the first pre-bloom and the second 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.
- Preharvest interval 3 days.

CANOLA, CRAMBE, RAPESEED

PEST	DOSAGE		COMMENTS
	LB AI/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	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water.

- Do not apply more than 0.08 lb. active ingredient (5.12 ounces formulated) per acre per season.
- Repeat applications if needed to maintain control, but do not make applications less than 14 days apart.
- Preharvest interval 35 days.

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CHRISTMAS TREES (For Use Only in Washington and Oregon)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Root Weevil, Spruce Spider Mite	0.06-0.1	3.9-6.4	**Ground application:** Apply in water in a minimum of 20 gallons per acre. **Air application:** Apply in water in a minimum of 5 gallons per acre. Fanfare is generally not phytotoxic to Christmas trees. However, make applications to a small representative group of plants to ensure that a particular variety grown under current conditions is not unusually sensitive to Fanfare 2EC. Maintain a minimum of 21 days between applications.

- Do not apply more than 0.1 lb. active ingredient (6.4 ounces formulated) per acre per treatment.
- Do not make more than 3 applications in a crop year.
- Do not make applications through irrigation systems.

CILANTRO, CORIANDER

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Beet Armyworm, Cabbage Looper, Cutworm, Flea Beetle, Grasshoppers, Leafminer, Saltmarsh Caterpillar, Spotted Cucumber Beetle, Thrips, Whitefly	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Apply in sufficient water to obtain thorough coverage.
Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per season.
- Do not make applications less than 7 days apart.
- Preharvest interval 3 days.

CITRUS (Except Florida)*

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Asian Cockroach, Diaprepes Root Weevil (*Diaprepes abbreviatus*), Fire ants	0.25-0.50	16-32	**Ground application:** Apply in water in a minimum of 30 gallons per acre. Use a handgun or shielded sprayer to apply to individual citrus trees if they are not planted in solid rows. Diaprepes root weevil emergence generally occurs in the spring, but weather conditions can prompt a second emergence in the fall. In areas where only a spring emergence is expected, use 32 ounces of Fanfare 2EC. In areas where a second emergence is expected, use 16 ounces of Fanfare 2EC in the early season and 16 ounces of Fanfare 2EC later in the season. If the length of control of Fanfare 2EC is not sufficient to cover the emergence of the root weevil, use other pest control measures from State Agricultural Extension Specialists or other local experts. *Use in California not permitted unless accompanied by a supplemental label.

- Do not apply through irrigation systems.
- Do not allow any application of Fanfare 2EC to contact fruit or foliage.
- Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per year.
- Do not apply by air.
- Preharvest interval 1 days.

CITRUS (Florida only)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Blue Green Citrus Root Weevil (*Pachnaeus opalus*), Brown Leaf Notcher (*Epicaerus mexicanus*), Diaprepes Root Weevil (*Diaprepes abbreviatus*), Little Leaf Notcher (*Artipus floridanus*), Southern Blue Green Citrus Root Weevil (*Pachnaeus Litus*)	0.25-0.50	16-32	**Ground application:** Apply in water in a minimum of 40 gallons per acre. Greater spray volumes increase uniformity of coverage. Also coverage uniformity may be aided by using a pre- and post-irrigation application. Use a handgun or shielded sprayer to apply to individual citrus trees if they are not planted in solid rows.

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Asian Cockroach, Fire Ants	0.1-0.25	6.4-16	All citrus root weevils have a similar life cycle. They have three immature stages: egg, larva, and pupa. Adult weevils emerge from the soil and lay eggs on host plants above ground, the larvae enter the soil to feed on roots, and the pupae and teneral adult stages are spent below ground. Adults emerge beneath citrus trees throughout the year; it is at this time that Fanfare 2EC applications should be timed. Peak adult emergence varies within and among species and by region. Peak emergence for the blue-green root weevil is normally April and May. Diaprepes adult emergence from the soil appears to be triggered by the onset of regular rainfall events and can have two emergence peaks, in mid-May to mid-July and/or late-August to mid-October. The second peak is variable and may relate to host plant availability. Little leaf notcher has three generations per year. Although there is considerable overlap of generations, adults appear most abundant in April/May, July/August, and October/November. For best control of emerging root weevils, apply Fanfare 2EC to the soil beneath the citrus trees from the trunk to the drip line of the tree. Fanfare 2EC protects citrus tree roots from citrus root weevils by forming a barrier which provides contact activity on neonate larvae when they fall to the ground shortly after hatching from eggs which were oviposited in the citrus tree foliage. Once application is made, be careful not to disturb the treated soil. In areas where only a spring emergence is expected, use 32 ounces of Fanfare 2EC. In areas where a second emergence is expected, use 16 ounces of Fanfare 2EC in the early season and 16 ounces of Fanfare 2EC later in the season. If the length of control of Fanfare 2EC is not sufficient to cover the emergence of the root weevil, use other pest control measures from State Agricultural Extension

- Do not apply through irrigation systems.
- Do not allow any application of Fanfare 2EC to contact fruit or foliage.
- Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per year.
- Do not apply by air.
- Preharvest interval 1 days.

CONIFER SEED ORCHARDS
(For Use Only in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, South Carolina, Tennessee, Texas, Virginia)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Cone Worms, Seed Bugs, Seed Worms	0.1-0.2	6.4-12.8	**Ground application:** Apply in water in a minimum of 100-500 gallons per acre. **Air application:** Apply in water in a minimum of 10 gallons per acre or 0.5 gallon refined vegetable oil per acre. Apply in sufficient water to obtain thorough coverage. Begin applications 7 days after peak pollen flight and continue on 30-day intervals up to a maximum of 0.6 lb. active per acre per season.

- Do not make more than six applications per season or apply more than 0.6 lb. active ingredient (38.4 ounces formulated) per acre per season.

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 (Northern, Southern, Western)	0.0046 pound active per 1000 linear feet of row	0.30 fluid ounces per 1000 linear feet of row	**Ground application:** Apply in water in a minimum of 3 gallons per acre. For use on corn at planting, apply in a 5-inch to 7-inch T-band over the open seed furrow. Center the spray

Army Cutworm, Cutworm Species, Grubs, Seedcorn Beetle, Seedcorn Maggot, True Armyworm or Armyworm Species, Wireworms	0.0023 to 0.0046 pound active per 1000 linear feet of row	0.15 to 0.30 fluid ounces per 1000 linear feet of row	nozzle over the row behind the planter shoe in front of the press wheel. In-furrow pop-up fertilizers may be used alone or in tank mixtures with Fanfare 2EC. See the section entitled **MIXING INSTRUCTIONS, Fanfare 2EC with Fertilizer** for additional instructions and precautions when mixing with fertilizers.

- 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 lb. active ingredient (6.4 ounces formulated) per acre per season as an at-planting application.
- Preharvest interval 30 days.

Row spacings (inches)[1]	**40**	**38**	**36**	**30**
Fanfare 2EC (pounds ai per acre)	0.060	0.064	0.069	0.080
Fanfare 2EC (formulated ounces per acre)	3.9	4.1	4.4	5.12

[1] Use this table to determine the Fanfare 2EC needs per acre.

CORN: FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED (PRE & PPI)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Armyworm spp., Black Cutworm, Seedcorn Maggot, Stalkborer, White Grub, Wireworm	0.047 to 0.062 Pre-Plant Incorporated (PPI)	3 to 4 Pre-plant Incorporated (PPI)	**Ground application:** Apply in water in a minimum of 3 gallons per acre. Use the labeled dosage as a preplant incorporated treatment either alone or in tank mix combination with registered preplant incorporated herbicides. Incorporate Fanfare 2EC to the intended planting depth, but no deeper than 3 inches. The 3 to 4 oz. rate must be applied as PPI and can be tank mixed and applied with PPI herbicides. The 2.56 oz. rate may be applied PRE and can be tank mixed and applied with PRE herbicides.
Armyworm spp., Black Cutworm, Stalkborer	0.040 Pre-Emergence (PRE)	2.56 Pre-Emergence (PRE)	

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

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Army Cutworm, Beet Armyworm, Cereal Leaf Beetle, Chinch Bug, Common Stalk Borer, Corn Earworm, Corn Rootworm Adult, Cucumber Beetle Adult, Cutworm Species, European Corn Borer, Fall Armyworm, Flea Beetle, Grasshoppers, Greenbug, Japanese Beetle Adult, Sap Beetle, Southern Armyworm, Southern Corn Leaf Beetle, Southwestern Corn Borer, Stink Bugs, Tarnished Plant Bug, True Armyworm or Armyworm Species, Webworms, Western Bean Cutworm, Yellowstriped Armyworm	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre, except see specific comment below for TX, NM, OK, and AZ mite control. **Air application:** Apply in water in a minimum of 2 to 5 gallons per acre, except see specific comment below for TX, NM, OK, and AZ mite control. In all states, insect control will be improved by increasing the finished spray per acre to 5 gallons. In Texas, New Mexico, Oklahoma, and Arizona, use a minimum of 10 gallons of water per acre by ground and 5 gallons of water per acre by air when making applications to control mites. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water. Make applications of Fanfare 2EC as necessary to maintain control being careful not exceed reapplication intervals or maximum dosage rates specified in this section. For pests which attack the ear, apply just before silking. For corn borer control, make application just before or at egg hatch. For mite control, apply when colonies first form prior to leaf damage and before they disperse into the canopy (for Banks Grass Mite, before dispersal into the upper 2/3 of the plant). Use higher rates of Fanfare 2EC when pest pressure is severe or crop is under stress from drought and/or heat. When these conditions exist, tank mixtures with dimethoate have shown good control.
Banks Grass Mite, Carmine Mite, Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not apply more than 0.3 lb. active ingredient (19.2 ounces formulated) per acre per season including PRE and PPI, at-planting, 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.
- **Use of Fanfare 2EC on corn is prohibited in all coastal counties.**
- Preharvest interval 30 days.

CORN: SWEET CORN, SWEET CORN GROWN FOR SEED (AT PLANTING)

PEST	DOSAGE		COMMENTS
	LB AI	FL OZ	
Corn Rootworm Larvae (Northern, Southern, Western)	0.0046 pound active per 1000 linear feet of row	0.30 fluid ounces per 1000 linear feet of row	**Ground application:** Apply in water in a minimum of 3 gallons per acre. For use on corn at planting, apply in a 5- inch to 7-inch T-band over the open seed furrow. Center the spray nozzle over the row behind the planter shoe in front of the press wheel. In-furrow pop-up fertilizers may be used alone or in tank mixtures with Fanfare 2EC. See the section entitled **MIXING INSTRUCTIONS, Fanfare 2EC with Fertilizer** for additional instructions and precautions when mixing with fertilizers.
Army Cutworm, Cutworm Species, Grubs, Seedcorn Beetle, Seedcorn Maggot, True Armyworm or Armyworm Species, Wireworms	0.0023 to 0.0046 pound active per 1000 linear feet of row	0.15 to 0.30 fluid ounces per 1000 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 lb. active ingredient (6.4 ounces formulated) per acre per season as an at-plant application.
- Preharvest interval 30 days.

Row spacings (inches)[1]	**40**	**38**	**36**	**30**
Fanfare 2EC (pounds ai per acre)	0.060	0.064	0.069	0.080
Fanfare 2EC (formulated ounces per acre)	3.9	4.1	4.4	5.12

[1] Use this table to determine the Fanfare 2EC needs per acre.

CORN: SWEET CORN, SWEET CORN GROWN FOR SEED (FOLIAR)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Army Cutworm, Beet Armyworm, Cereal Leaf Beetle, Chinch Bug, Common Stalk Borer, Corn Earworm, Corn Rootworm Adult, Cucumber Beetle Adult, Cutworm Species, European Corn Borer, Fall Armyworm, Flea Beetle, Grasshoppers, Greenbugs, Japanese Beetle Adult, Sap Beetle, Southern Armyworm, Southern Corn Leaf Beetle, Southwestern Corn Borer, Stink Bugs, Tarnished Plant Bug, True Armyworm or Armyworm Species, Webworms, Western Bean Cutworm, Yellowstriped Armyworm	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water. Make applications of Fanfare 2EC as necessary to maintain control being careful not to exceed reapplication intervals or maximum dosage rates specified in this section. For pests which attack the ear, apply just before silking. For corn borer control, make application just before or at egg hatch. For mite control, apply when colonies first form prior to leaf damage and before they disperse into the canopy (for Banks Grass Mite, before dispersal into the upper 2/3 of the plant). Use higher rates of Fanfare 2EC when pest pressure is severe or crop is under stress from drought and/or heat. When these conditions exist, tank mixtures with dimethoate have shown acceptable control.
Banks Grass Mite, Carmine Mite, 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 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.
- **Use of Fanfare 2EC on corn is prohibited in all coastal counties.**
- Preharvest interval 1 days.

COTTON

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	**Ground application:** Apply in water in a minimum of 5 gallons per acre. **Air application:** Apply in water in a minimum of 1 gallon per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water. **ULV application:** Apply in a minimum of 1 quart per acre using refined vegetable oil with aircraft calibrated to give adequate coverage. Make applications of Fanfare 2EC as necessary to maintain control being careful not to exceed reapplication intervals or maximum dosage rates specified in this section. **To Control Boll Weevil:** Apply Fanfare 2EC at 3- to 4-day intervals until pest populations are reduced below economic threshold levels. **To Control Mites and Aphids:** Apply when pests first appear. Repeat as necessary to maintain control without exceeding maximum application rates and reapplication intervals. Use higher rates when an economic threshold has been established.
Boll Weevil, Bollworm, Cabbage Looper, Cotton Aphid, Cotton Fleahopper, Cotton Leafperforator, Cutworms, Fall Armyworm, Plant Bugs, Saltmarsh Caterpillar, Southern Garden Leafhopper, Stink Bugs, Tobacco Budworm, Whitefly, Yellow Striped Armyworm	0.04-0.10	2.6-6.4	
Beet Armyworm, Carmine Spider Mite, Lygus Spp. , Pink Bollworm, Twospotted Spider Mite	0.06-0.10	3.8-6.4	

- Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per season.
- Do not graze livestock in treated areas or cut treated crops for feed.
- 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®.
- Preharvest interval 14 days.

CUCURBITS

Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Edible Gourd [(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 AI/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	**Ground application:** Apply in water in a minimum of 20 gallons per acre. **Air application:** Apply in water in a minimum of 5 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water.
Banks Grass Mite, Carmine Mite, Lygus spp., Twospotted Spider Mite, Whitefly	0.08-0.10	5.12-6.4	

- 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.
- Repeat applications if needed to maintain control, but do not make applications less than 7 days apart.
- Preharvest interval 3 days.

DRIED BEANS AND PEAS

Dried cultivars of:

Bean (*Lupinus* spp.): Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin
Bean (*Phaseolus* spp.): Field bean, Kidney Bean, Lima Bean (dry), Navy Bean, Pinto Bean, Tepary Bean
Bean (*Vigna* spp.): Adzuki Bean, Blackeyed Pea, Catjang, Cowpea, Crowder Pea, Moth Bean, Mung Bean, Rice Bean, Southern Pea, Urd Bean; Broad Bean (dry); Chickpea; Guar; Lablab Bean; Lentil; Pea (*Pisum* spp.), Field Pea; Pigeon Pea

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Banks Grass Mite, Twospotted Spider Mite, Carmine Mite, Lygus spp.	0.08-0.10	5.12-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water. Thorough coverage is essential to achieve control.
Aster Leafhopper, Flea Beetle, Grasshoppers, Leafhoppers	0.025-0.10	1.6-6.4	
Aphids, Beet Armyworm, Fall Armyworm, Southern Armyworm, Yellowstriped Armyworm, Bean Leaf Beetle, Cucumber Beetles, Japanese Beetle, Adult Sap Beetle, Plant Bug, Stink Bugs, Tarnished Plant Bug, Alfalfa Caterpillar, Cloverworm, European Corn Borer, Cutworms, Western Bean Cutworm, Corn Earworm, Loopers, Corn Rootworm Adults, Thrips, Webworms, Pea Weevil, Pea Leaf Weevil, Whitefly, Imported Cabbageworm, Saltmarsh Caterpillar, Tobacco Budworm, Leafminer	0.033-0.10	2.1-6.4	

- Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated) to beans per acre per season.
- Do not make applications less than 7 days apart.
- Preharvest interval 14 days.

FRUITING VEGETABLES

Eggplant, Groundcherry, Pepino, Pepper (Bell And Non-Bell)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Armyworms (including Beet Armyworm, Fall Armyworm, Southern Yellowstriped Armyworm), Cabbage Loopers, Colorado Potato Beetle, Corn Earworm, Cucumber Beetles, European Corn Borer, Flea Beetles, Leafminers, Loopers, Pepper Weevil, Plant Bugs, Stink Bugs, Thrips, Tomato Hornworm, Tomato Pinworm, Vegetable Leafminer, Whitefly	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water.
Banks Grass Mite, Broad Mite, Carmine Mite, Lygus spp., Pacific Spider Mite, Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- To maintain a proper spray interval, 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.
- Preharvest interval 7 days.

Tomatoes, Tomatillo (1)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms (including Beet Armyworm, Fall Armyworm, Southern Yellowstriped Armyworm), Bean Leaf Beetle, Cabbageworms, Carmine Mite, Cloverworm, Corn Earworm, Corn Rootworm, Cucumber Beetle, Cutworms, Diamondback Moth, European Corn Borer, Flea Beetles, Flea Hoppers, Grasshoppers, Japanese Beetle (Adult), Leafhoppers, Loopers, Lygus spp., Melonworms, Pea Weevil, Pea Leaf Weevil, Pickleworms, Plant Bugs, Rindworms, Salt Marsh Caterpillar, Sap Beetle, Seedpod Weevil, Squash Bugs, Stink Bug spp., Tobacco Budworm, Tarnished Plant Bug, Thrips, Whitefly	0.033-0.08	2.1-5.2	**Ground application:** Apply in water in a minimum of 15 gallons per acre. **Air application:** Apply in water in a minimum of 3 gallons per acre.
Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- To maintain a proper spray interval, do not make applications less than 10 days apart.
- Do not make more than 4 applications per season.
- Preharvest interval 1 days.

GRAPES

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Eastern Grape Leafhopper, Variegated Leafhopper, Western Grape Leafhopper	0.05-0.10	3.2-6.4	**Ground application:** Apply in water in a minimum of 25 gallons per acre. **Air application:** Apply in water in a minimum of 10 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water. When pest pressure is moderate to severe, use the higher rate.
Black Vine Weevil, Glassywinged Sharpshooter, Twospotted Spider Mite	0.10	6.4	

- Do not apply more than 0.1 lb. active ingredient (6.4 ounces formulated) per acre per season.
- Preharvest interval 30 days.

HOPS

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms, Cutworms, Leafrollers, Loopers	0.06-0.10	3.8-6.4	**Ground application:** Apply in water in a minimum of 100-150 gallons per acre in early season; 200-250 gallons per acre late season. **Air application:** Apply in water in a minimum of 10 gallons per acre. Make a directed spray up the vine 3 feet and the soil surface 1.5 to 2 feet on either side of the plant to control root weevil.
Root Weevils	0.05-0.10	3.2-6.4	
Twospotted Spider Mite	0.10	6.4	

- Do not apply more than 0.1 lb. active ingredient (6.4 ounces formulated) per acre per application.
- Do not apply more than 0.3 lb. active ingredient (19.2 ounces formulated) per acre per season.
- To maintain a proper spray interval, do not make applications less than 21 days apart.
- The use of ultra low volume (ULV) application on hops is prohibited.
- Preharvest interval 14 days.

LEAFY BRASSICAS AND *TURNIP GREENS

Broccoli Raab, Bok Choy, Kale, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens, Turnip Greens*

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms, Corn Earworm, Crickets, Cucumber Beetles, Cutworms, Diamondback Moth, Flea Beetles, Grasshoppers, Ground Beetles, Imported Cabbageworm, Japanese Beetle (Adult), Leafhoppers, Loopers, Saltmarsh Caterpillar, Stink Bugs, Thrips, Tobacco Budworm, Whitefly, Wireworm (Adults)	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water. Thorough coverage is essential to achieve control. *This use not permitted in California unless allowed by an approved supplemental label.
Banks Grass Mite, Carmine Mite, Lygus spp., Pacific Spider Mite, Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- Do not apply more than 0.40 lb. active ingredient (25.6 ounces formulated) per acre per season.
- Repeat applications if needed to maintain control, but do not make applications less than 7 days apart.
- Preharvest interval 7 days.

LEAFY PETIOLE VEGETABLES

Celery, Cardoon, Chinese Celery, Celtuce, Florence Fennel, Rhubarb, Swiss Chard

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Cutworms, Corn Earworm, Leafhoppers, Flea Beetles, Imported Cabbageworm, Cucumber Beetles, Aphids, Armyworms, Loopers, Stink Bugs, Crickets, Ground Beetles, Thrips, Wireworm Adults, Diamondback Moth	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre.
Twospotted Spider Mite, Carmine Mite, Pacific Spider Mite, *Lygus* spp.	0.08-0.10	5.12-6.4	

- Do not apply more than 0.50 lb active ingredient (32 fluid ounces formulated) per acre per season.
- Repeat applications if needed to maintain control, but do not make applications less than 7 days apart.
- Preharvest interval 7 days.

LETTUCE, HEAD

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms, Corn Earworm, Cucumber Beetles, Cutworms, Diamondback Moth, Flea Beetle, Imported Cabbageworm, Leafhoppers, Loopers, Salt Marsh Caterpillar, Stink Bug spp., Tobacco Budworm, Whitefly	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 15 gallons per acre. **Air application:** Apply in water in a minimum of 5 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on the amount of oil to use in the spray tank in lieu of water.
Carmine Mite, Lygus spp., Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- To maintain a proper spray interval, 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.
- Preharvest interval 7 days.

MAYHAW*

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Plum Curculio	0.08-0.10	5.12-6.4	**Ground application:** Apply in water in a minimum of 28 gallons of finished spray per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Apply in sufficient water to obtain uniform coverage as needed.

- Do not apply more than 0.2 pound active ingredient (12.8 ounces formulated) per acre per season.
- To maintain a proper spray interval, do not make applications less than 7 days apart.
- Preharvest interval 7 days.
- *Not registered for use in California unless accompanied by a supplemental label.

OKRA

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms, Corn Earworm, Cucumber Beetles, Cutworms, European Corn Borer, Flea Beetles, Japanese Beetle (Adult), Leafminers, Loopers, Stink Bugs, Thrips, Whitefly	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons of finished spray per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Apply in sufficient water to obtain uniform coverage as needed.
Broad Mite, Carmine Mite, Lygus spp., Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- To maintain a proper spray interval, 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.
- Preharvest interval 7 days.

PEANUT

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Beet Armyworm, Corn Earworm, Cutworm Species, Fall Armyworm, Grasshoppers, Green Cloverworm, Leafhoppers, Lesser Cornstalk Borer, Loopers, Rednecked Peanut Worm, Southern Armyworm, Southern Corn Rootworm, Stink Bugs, Threecornered Alfalfa Hopper, Velvetbean Caterpillar, Yellowstriped Armyworm	0.033-0.1	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons of finished spray per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Apply in sufficient water to obtain uniform coverage as needed.
Aphids, Spider Mites, Thrips, Whitefly	0.06-0.1	5.12-6.4	

- Do not apply more than 0.5 pound active ingredient (32 ounces formulated) per acre per season.
- To maintain a proper spray interval, do not make applications less than 14 days apart.
- Do not feed immature plants and peanut hay to livestock.
- Preharvest interval 14 days.
- Not registered for use in California unless accompanied by a supplemental label.

PEARS

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	0.04-0.2	2.6-12.8	**Ground application:** Apply in water in a minimum of 200 gallons per acre (dilute) and 50 gallons per acre (concentrate). **Air application:** Apply in water in a minimum of 10 gallons per acre.
Twospotted Spider Mite, Yellow Mite	0.06-0.2	3.8-12.8	
European Red Mite	0.08-0.2	5.12-12.8	

- Do not apply more than 0.5 pound active ingredient (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.
- To maintain a proper spray interval, do not make applications less than 30 days apart.
- Do not graze livestock in treated orchards or cut treated cover crops for feed.
- Preharvest interval 14 days.

ROOT CROPS (except Sugar Beets)

Burdock, edible; Carrot; Celeriac; Chervil, turnip rooted; Chicory; Ginseng; Horseradish; Parsley, turnip rooted; Parsnip; Radish; Radish, Oriental; Rutabaga; Salsify; Salsify, Black; Salsify, Spanish; Skirret; Turnip (21)

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Beet Armyworm, Celery Leaftier, Corn Earworm, Cross-striped Cabbageworm, Cutworm Species, Diamondback Moth, European Corn Borer, Fall Armyworm, Fire Ants, Fleabeetles, Green Cloverworm, Hornworms, Imported Cabbageworm, Loopers, Southern Armyworm, Spider Mites, Tobacco Budworm, Velvetbean Caterpillar, Whitefly, Yellowstriped Armyworm	0.08-0.10	5.12-6.4	**Ground application:** Apply in water in a minimum of 25 gallons of finished spray per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Apply in sufficient water to obtain uniform coverage as needed.

- Do not apply more than 0.5 pound active ingredient (32 ounces formulated) per acre per season.
- To maintain a proper spray interval, do not make applications less than 7 days apart.
- Preharvest interval 21 days.

Garden Beet

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Fire Ants, Fleabeetles, Lepidopterous Larvae, Spider Mites, Whitefly	0.08-0.10	5.12-6.4	**Ground application:** Apply in water in a minimum of 25 gallons of finished spray per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Apply in sufficient water to obtain uniform coverage as needed.

- Do not apply more than 0.40 pound active ingredient (25.6 ounces formulated) per acre per season.
- To maintain a proper spray interval, do not make applications less than 7 days apart.
- Preharvest interval 1 days.

SOYBEANS

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Alfalfa Caterpillar, Aphids, Aster Leafhopper, Bean Leaf Beetle, Beet Armyworm*, Cloverworm, Corn Earworm, Corn Rootworm Adult, Cucumber Beetles, Cutworms, European Corn Borer, Fall Armyworm, Flea Beetle, Grasshoppers, Imported Cabbageworm, Japanese Beetle Adult, Leafhoppers, Leafminers, Loopers, Mexican Bean Beetle Adult, Pea Leaf Weevil, Pea Weevil, Plant Bug, Saltmarsh Caterpillar, Sap Beetle, Southern Armyworm, Soybean Aphid , Stink Bugs, Tarnished Plant Bug, Thrips, Tobacco Budworm*, Webworms, Western Bean Cutworm, Whitefly, Yellowstriped Armyworm	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. *Pyrethroid resistance is common for Beet Armyworm and Tobacco Budworm. Consult your local extension specialist, certified crop advisor, and/or manufacturer for insecticide resistance management and/or IPM guidance for the specific site and resistant pest problems.
Lygus spp., Whitefly, Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- To maintain a proper spray interval, do not make applications less than 30 days apart.
- Do not apply more than 0.3 lb. active ingredient (12.8 ounces formulated) per acre per season.
- Preharvest interval 18 days.
- Not registered for use in California unless accompanied by a supplemental label.

SPINACH

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Armyworms, 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	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 5 gallons per acre. For whitefly and fire ant control either at planting or as a foliar treatment, apply up to 6.4 oz. (0.1 lb. active) per acre being careful not to exceed reapplication intervals or maximum dosage rates specified in this section.
Banks Grass Mite, Broad Mite, Carmine Mite, Fire Ants, Lygus spp., Pacific Spider Mite, Twospotted Spider Mite	0.08-0.10	5.12-6.4	

- To maintain a proper spray interval, 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.
- Preharvest interval 40 days.

STRAWBERRIES

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms, Fleabeetles Hehothis spp, Leafrollers, Lygus spp Plant Bugs, Spittlebugs, Stink Bugs Strawberry Clipper, Strawberry Sap Beetle	0.04-0.2	2.56-12.8	Apply when pest populations reach damaging thresholds and repeat as necessary at 7-14 day intervals. **Ground Application:** Apply a full cover spray in a minimum of 50 gallons of finished spray per acre **Air Application:** (Aerial application is prohibited in Florida) Apply specified dosage in a minimum of 5 gallons per acre.
Strawberry Root Weevil Black Vine Weevil	0.05-0.2	3.2-12.8	
Spider mites	0.1-0.2	6.4-12.8	

- Do not apply more than 0.5 lb. active ingredient (ounces formulated) per acre per season.
- No preharvest interval is required.

CALIFORNIA SPECIFIC REQUIREMENTS FOR STRAWBERRY HARVESTERS Harvesters and other personnel performing tasks with all day foliage contact in treated fields within five (5) days of application must wear a long sleeved shirt long pants and shoes plus socks

Following treatment of strawberry fields at rates of Fanfare greater than 0 1 lb ai/acre harvesters must wear gloves for five (5) days following application

SUCCULENT PEAS AND BEANS

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 AI/A	FL OZ/A	
Aster Leafhopper, Flea Beetle, Grasshoppers, Leafhoppers	0.025-0.10	1.6-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre. Emulsified oil may be substituted for water. See section entitled **MIXING INSTRUCTIONS** for details on amount of oil to use in the spray tank.
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, Tarnished Plant Bug, 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.
- Preharvest interval 3 days.

TOBACCO

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Armyworm spp., Cutworm spp., Mole Crickets, Stalkborers, Tobacco Flea Beetle (larvae), White Grubs, Wireworms	0.0625-0.10	4.0-6.4	**Pre-transplant soil applications:** Apply 0.0625-0.1 lb. active ingredient per acre in a minimum of 10 gallons per acre to control soil pests. Use of suitable equipment to incorporate into top 4" of the soil is required to control below-ground pests. **At-transplant water treatment application:** Apply 0.0625-0.1 lb. active ingredient per acre in a water treatment application volume of the 10-200 gallons per acre. May be tank mixed with Command®, Spartan®, and other herbicides approved for tobacco use.
Aphid spp., Armyworm spp., Chinch Bugs, Cutworm spp., Flea Beetle (Adults), Grasshoppers, Green Bugs, Japanese Beetles, Stink Bugs, Tarnished Plant Bugs, Thrips, Whiteflies	0.04-0.10	2.56-6.4	**Foliar applications:** Apply 0.04-0.10 lb. active ingredient per acre foliar application up to and including layby in a minimum of 10 gallons per acre. May be tank mixed with Command, Spartan, and other herbicides approved for tobacco use.
Lygus spp., Spider mites	0.1	6.4	

- For foliar applications, do not make more than 2 applications per season.
- For all applications, do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated) per acre per season.
- Do not apply later than layby.

TREE NUTS CROPS

Tree Nuts Crops including: Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia nut (bush nut), Pecan, Pistachio, and Walnut (Black and English)

PEST	DOSAGE		REMARKS
	LB AI/A	FL OZ/A	
Black Pecan Aphid, Codling Moth, Filbert Worm, Hickory Shuckworm, Leaffooted Bugs, Navel Orangeworm, Oblique Banded Leafroller, Peach Twig Borer, Pecan Leaf Casebearer, Pecan Nut Casebearer, Pecan Phylloxera, Plant Bugs, Stink Bugs, Walnut Aphid, Yellow Pecan Aphid	0.05-0.20	3.2-12.8	**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 of finished spray per acre.
European Red Mite, Spider Mites	0.08-0.20	5.1-12.8	
Fire Ants, Walnut Husk Fly	0.1-0.20	6.4-12.8	

- Minimum spray intervals: Apply Fanfare 2EC as needed to maintain control, but not apply at intervals sooner than 15 days.
- Observe a 21-day Pre-Harvest Interval (PHI) for Pecans and a 7-day Pre-Harvest Interval (PHI) for all other registered tree nut crops.
- Do not exceed 0.2 lb ai per acre per application; do not exceed 0.50 lb ai per acre per season.
- Do not graze livestock in treated orchards or cut treated cover crops for feed.
- Do not apply within 21 days of harvest for pecans and 7 days for all other registered tree nut crops

TUBEROUS AND CORM VEGETABLES

Arracacha; Arrowroot; Chinese Artichoke; Jerusalem Artichoke; Edible Canna; Cassava (bitter and sweet); Chayote (root); Chufa; Dasheen (taro); Ginger; Leren; Potato; Sweet Potato; Tanier; Turmeric; Yam Bean; True Yam

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	

Corn Wireworm, Tobacco Wireworm	0.30 (at-plant)	19.2 (at-plant)	**In-furrow planting time treatment**: Fanfare 2EC may be applied as an in-furrow planting time treatment for the control of wireworms, rootworms, and white grubs. Apply Fanfare 2EC at the rate of 0.3 lb. active ingredient per acre as an in-furrow spray or T-band spray at planting time. **Lay-by treatment:** Fanfare 2EC may be applied as a lay-by treatment for the control of wireworms, rootworms and white grubs. Apply Fanfare 2EC to the drill area and cover with soil utilizing cultivation equipment set to throw soil to the drill area. Apply Fanfare 2EC as a banded spray over the row at a rate of 0.05-0.15 lb. active ingredient per acre (3.2 to 9.6 ounces formulated) in 10 gallons per acre of spray. **Foliar spray:** Fanfare 2EC may be applied as a foliar spray for the control of the adult life stages of flea beetles, click beetles (wireworms), cucumber beetles (rootworms), whitefringed beetles, and May/June beetles (white grubs). Apply Fanfare 2EC at the rate of 0.033 to 0.10 lb. active ingredient per acre (2.1 to 6.4 ounces formulated) in 10 gallons of spray by ground and 3 gallons of spray by air.
Southern Potato Wireworm, Japanese Beetle Grubs, June Beetle	0.05-0.15 (lay-by)	3.2-9.6 (lay-by)	
Sweetpotato Flea Beetle, Cucumber Beetle, Sweetpotato Weevil, Banded Cucumber Beetle, Black Flea Beetle, Whitefringed Beetle, White Grub, Sugarcane Beetle, Rootworms	0.033-0.10 (foliar)	2.1-6.4 (foliar)	

- For foliar applications, do not make more than 2 foliar applications per season and do not make application less than 21 days apart.
- Do not apply more than 0.5 lb. active ingredient (32 ounces formulated) per acre per season, including soil applications.
- Preharvest interval 21 days.

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STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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

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 HANDLING:

Nonrefillable Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake 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. If recycling is not available, puncture or dispose of in a sanitary landfill or incineration or if allowed by state and local authorities, by burning. If burned stay out of smoke.

Nonrefillable Container (greater than five gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. If recycling is not available, puncture or dispose of in a sanitary landfill or incineration or if allowed by state and local authorities, by burning. If burned stay out of smoke.

Refillable Container (greater than 55 gallons): Refillable container. Refill this container with bifenthrin only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS**, **DISCLAIMER OF WARRANTIES** and **LIMITATIONS OF LIABILITY**.

CONDITIONS: 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. 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. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Agan of North America, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Agan of North America, Inc.'s election, the replacement of 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.
Fanfare is a registered trademark of Makhteshim Chemical Works, Ltd.

Fanfare 2EC (66222-99)(EPA app 06-24-11)(Notif to EPA 07-22-11)(Notif to EPA 09-02-11)

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RESTRICTED USE PESTICIDE
TOXIC TO FISH AND AQUATIC ORANISMS
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

EPA REG. NO. 66222-99

SUPPLEMENTAL LABELING

This label expires on XXXX XX, 20XX and must not be distributed or used after that date.

READ THE ENTIRE LABEL FOR **FANFARE® 2EC** BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

"Label" as used in this supplemental labeling refers to the label booklet for Fanfare 2EC and this supplement.

ACTIVE INGREDIENT:	**% BY WT.**
Bifenthrin	25.1%
INERT INGREDIENTS:	74.9%
TOTAL:	100.00%

USE ON BUSHBERRIES AND STRAWBERRIES

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 the label, find someone to explain it to you in detail.)

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.
- These directions can be found on the currently registered EPA Stamped Label.

BUSHBERRIES

Blueberry (highbush and lowbush), Currant, Elderberry, Gooseberry, Huckleberry

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Blueberry Maggot, Fruitworms, Plum Curculio, Leaf Rollers, Spanworm, Leafhoppers, Japanese Beetle, Aphids	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre.
Twospotted Spider Mite, Carmine Mite, Pacific Spider Mite, *Lygus* spp.	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 fluid ounces formulated) per acre per season.
- Preharvest interval 1 day.

ACCEPTED
DEC 19 2013
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide Registered under EPA Reg. No. 66222-99

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STRAWBERRIES

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Aphids, Armyworms, Fleabeetles Hehothis spp, Leafrollers, Lygus spp Plant Bugs, Spittlebugs, Stink Bugs Strawberry Clipper, Strawberry Sap Beetle	0.04-0.2	2.56-12.8	Apply when pest populations reach damaging thresholds and repeat as necessary at 7-14 day intervals. **Ground Application:** Apply a full cover spray in a minimum of 50 gallons of finished spray per acre **Air Application:** (Aerial application is prohibited in Florida) Apply specified dosage in a minimum of 5 gallons per acre.
Strawberry Root Weevil Black Vine Weevil	0.05-0.2	3.2-12.8	
Spider mites	0.1-0.2	6.4-12.8	
Do not apply more than 0.5 lb. active ingredient per acre per season. No preharvest interval is required.			

CALIFORNIA SPECIFIC REQUIREMENTS FOR STRAWBERRY HARVESTERS Harvesters and other personnel performing tasks with all day foliage contact in treated fields within five (5) days of application must wear a long sleeved shirt long pants and shoes plus socks

Following treatment of strawberry fields at rates of Fanfare greater than 0 1 lb ai/acre harvesters must wear gloves for five (5) days following application

Read the **"LIMITATION OF WARRANTY AND LIABILITY"** in the label booklet for Fanfare 2EC before using.

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MANA

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RESTRICTED USE PESTICIDE
TOXIC TO FISH AND AQUATIC ORANISMS
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

EPA REG. NO. 66222-99

SUPPLEMENTAL LABELING

This label expires on XXXX XX, 20XX and must not be distributed or used after that date.

READ THE ENTIRE LABEL FOR **FANFARE® 2EC** BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

"Label" as used in this supplemental labeling refers to the label booklet for Fanfare 2EC and this supplement.

ACTIVE INGREDIENT:	**% BY WT.**
Bifenthrin	25.1%
INERT INGREDIENTS:	74.9%
TOTAL:	100.00%

USE ON LEAFY PETIOLE VEGETABLES

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 the label, find someone to explain it to you in detail.)

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.
- These directions can be found on the currently registered EPA Stamped Label.

LEAFY PETIOLE VEGETABLES

Celery, Cardoon, Chinese Celery, Celtuce, Florence Fennel, Rhubarb, Swiss Chard

PEST	DOSAGE		COMMENTS
	LB AI/A	FL OZ/A	
Cutworms, Corn Earworm, Leafhoppers, Flea Beetles, Imported Cabbageworm, Cucumber Beetles, Aphids, Armyworms, Loopers, Stink Bugs, Crickets, Ground Beetles, Thrips, Wireworm Adults, Diamondback Moth	0.033-0.10	2.1-6.4	**Ground application:** Apply in water in a minimum of 10 gallons per acre. **Air application:** Apply in water in a minimum of 2 gallons per acre.
Twospotted Spider Mite, Carmine Mite, Pacific Spider Mite, *Lygus* spp.	0.08-0.10	5.12-6.4	

- Do not apply more than 0.50 lb active ingredient (32 fluid ounces formulated) per acre per season.
- Repeat applications if needed to maintain control, but do not make applications less than 7 days apart.
- Preharvest interval 7 days.

Read the **"LIMITATION OF WARRANTY AND LIABILITY"** in the label booklet for Fanfare 2EC before using.

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