



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 2, 2012

Timothy M Formella
Product Registration Manager
FMC Corporation
1735 Market Street
Philadelphia, PA 19103

Subject Amendment – Removing conflicting application restriction on corn
F6126 EW Insecticide
EPA Reg No 279-3329
Your submission dated July 20, 2012

Dear Mr Formella

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. 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,

A handwritten signature in black ink that reads "BeWanda Alexander for".

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

Enclosure

2/38

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 those uses
covered by the certified applicator's certificate

F6126 EW

Insecticide

EPA Reg No 279-3329

EPA Est 279-

Active Ingredients	By Wt
Zeta-Cypermethrin*	3 24%
Bifenthrin**	9 72%
Other Ingredients***	87 04%
	100 0%

F6126 EW™ contains 1 14 pounds active ingredients per gallon

* *Cis/trans* isomer ratio Max 75% (±) *cis* and Min 25% (±) *trans*

** *Cis* isomers 97% minimum *trans* isomers 3% maximum

*** Contains Petroleum Distillates

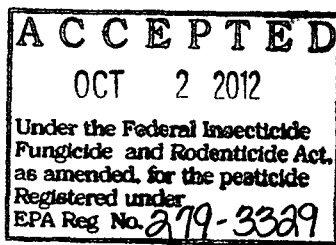
U S Patent No Pending

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)



FMC.

FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

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 to 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eyes Call a poison control center for treatment advice
NOTE TO PHYSICIAN	
Contains petroleum distillates Vomiting may cause aspiration pneumonia	
HOTLINE NUMBER	
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 (800) 331 3148 for Emergency Assistance	

See other panels for additional precautionary information

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

Warning

May be fatal if swallowed Causes moderate eye irritation Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

Personal Protective Equipment

Some materials that are chemical resistant to this product are listed below If you want more options follow the instructions for category G 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 or Butyl Nitrile or Neoprene Rubber ≥ 14 mls or Viton ≥ 14 mls and 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 or Butyl Nitrile or Neoprene Rubber ≥ 14 mls or Viton ≥ 14 mls and shoes plus socks and protective eyewear

User Safety Requirements

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

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate Do not reuse them

User Safety Recommendations

Wash thoroughly with soap and water after handling 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 Remove PPE immediately after handling this product Wash the outside of gloves before removing As soon as possible wash thoroughly and change into clean clothing

Engineering Control Statements

When handlers use closed systems enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (540CFR 170 240(d)(4-6)) the handler PPE requirements may be reduced or modified as specified in the WPS

Environmental Hazards

This pesticide is extremely toxic to fish aquatic invertebrates oysters and shrimp To protect the environment do not allow pesticide to enter or run off into storm drains drainage ditches gutters or surface water Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems

The use of F6126 EW is prohibited in areas where its application may result in exposure to endangered species Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species

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 if bees are visiting the treatment area

Physical or Chemical Hazards

Do not use or store near heat or open flame

DIRECTIONS FOR USE

Restricted Use Pesticide

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

Resistance Some insects are known to develop resistance to products used repeatedly for control Because the development of resistance cannot be predicted the use of this product should conform to resistance management strategies established for the use area Consult your local or state agricultural authorities for details

If resistance to this product develops in your area this product or other products with a similar mode of action may not provide adequate control If poor performance cannot be attributed to improper application or extreme weather conditions a resistant strain of insect may be present If you experience difficulty with control and resistance is a reasonable cause immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area

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 or Viton and shoes plus socks

STORAGE AND DISPOSAL

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

Pesticide Storage

Do not freeze Keep out of reach of children and animals Store in original containers only Store in a cool dry place and avoid excess heat Carefully open containers After partial use replace lids and close tightly Do not put concentrate or dilute material into food or drink containers

In case of spill avoid contact isolate area and keep out animals and unprotected persons Confine spills Call CHEMTREC (Transportation and Spills) (800) 424 9300

To confine spill Dike surrounding area or absorb with sand cat litter or commercial clay Place damaged package in a holding container Identify contents

Pesticide Disposal

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

Container Handling

Nonrefillable Container

Do not reuse or refill this container

Triple rinse container (or equivalent) promptly after emptying

Triple rinse as follows

For containers equal to 5 gallons or less 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

For containers greater than 5 gallons 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

Then offer for recycling if available or reconditioning if appropriate or puncture and 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/Returnable Container

Refill this container with pesticide 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% 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

Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or incineration or if allowed by state and local authorities by burning If burned stay out of smoke

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 any 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 If you have questions about calibration you should contact State Extension Service specialists equipment manufacturers or other experts 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

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 also 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 that 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

F6126 EW Insecticide should be applied continuously for the duration of the water application F6126 EW Insecticide should be diluted in sufficient volume to insure accurate application over the area to be treated

Use the appropriate amount of water to carry the product to the target pest Agitation is not required when a suitable diluent is used

BUFFER ZONES

Vegetative Buffer Zones

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 zeta cypermethrin and 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 21pp <http://www.in.nrcs.usda.gov/technical/agronomy/newconbuf.pdf>

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

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 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

The spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of the wing span or 80% 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 cross wind 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.

GENERAL INSTRUCTIONS

Use low rate under light to moderate infestation. Higher rates should be used under heavy insect pressure. The rate of application is variable according to insect pressure, timing of spray and field scouting. Do not exceed maximum allowable rate.

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.

Rotational Crops

Crops for which bifenthrin and zeta cypermethrin tolerances exist may be rotated at any time. All other crops may be rotated 30 days following the final application of F6126 EW Insecticide.

Tank-Mixture

F6126 EW Insecticide may be applied in tank mixtures with other products approved for use on the crops listed for use on this label. Observe all restrictions and precautions that appear on the labels of these products. Test for compatibility of products before mixing.

F6126 EW Insecticide contains the pyrethroids zeta-cypermethrin and bifenthrin

Maximum Usage When Applying Zeta Cypermethrin and Cypermethrin Products to the Same Crop Within the Same Season

Do not apply more than the maximum seasonal total for either zeta cypermethrin or cypermethrin products when used alone
do not apply more than the combined maximum seasonal total for both products as outlined in the table below

Crop	Maximum Seasonal Total (lbs ai/acre)			Cypermethrin**	Maximum Seasonal Total (lbs ai/acre) When Applying Cypermethrin and Zeta cypermethrin Products to the Same Crop	Maximum Seasonal Total (lbs ai/acre) When Applying Zeta cypermethrin Products to the Same Crop
	Zeta cypermethrin *				Zeta cypermethrin* plus Cypermethrin **	Zeta cypermethrin*
	Mustang	Mustang Max	F6126 EW			
Canola	0.3	0.15	0.0265	NA	NA	0.3
Cotton	0.3	0.15	0.1125	0.6	0.6	0.3
Field Corn	0.2	0.10	0.10	NA	NA	0.2
Sweet Corn	0.3	0.15	0.067	NA	NA	0.3
Peanut	0.3	0.15	0.10	NA	NA	0.3
Potato	0.3	0.15	0.1125	NA	NA	0.3
Soybeans	0.3	0.15	0.1	NA	NA	0.3
Cucurbits	0.3	0.15	0.1	NA	NA	0.3
Eggplant okra pepper	0.3	0.15	0.067	NA	NA	0.3
Tomato	0.3	0.15	0.1	NA	NA	0.3
Head Lettuce	0.3	0.15	0.1125	0.6	0.6	0.3
Head and Stem Brassica	0.3	0.15	0.1125	0.6	0.6	0.3
Leafy Brassica	0.3	0.15	0.1125	NA	NA	0.3
Dried and Succulent Peas and Beans	0.3	0.15	0.067	NA	NA	0.3
Root and tuber vegetables	0.3	0.15	0.1125	NA	NA	0.3
Blueberries	0.3	0.15	0.1125	NA	NA	0.15
Caneberries	0.3	0.15	0.067	NA	NA	0.15
Grape	0.3	0.15	0.025	NA	NA	0.15
Tree nuts	0.25	0.125	0.1125	0.5	0.5	0.25

* Mustang or Fury (1.5 EW or 1.5 EC) Mustang Max (0.8 EC or 0.8 EW) F6126 EW or any zeta cypermethrin product approved for crop use

** Any cypermethrin product approved for crop use

NA = Not Applicable

Maximum Usage When Applying Bifenthrin Products to the Same Crop Within the Same Season

Crop	Maximum Seasonal Total (lbs ai/acre)		
	Bifenthrin		When Applying Bifenthrin * Products Plus F6126 EW to the Same Crop
	F6126 EW	Bifenthrin *	
Canola	0 08	0 08	0 08
Cotton	0 3375	0 50	0 50
Field Corn	0 30	0 30	0 30
Sweet Corn	0 20	0 20	0 20
Peanut	0 3	0 5	0 5
Potato	0 3375	0 5	0 5
Soybeans	0 3	0 3	0 3
Cucurbits	0 3	0 3	0 3
Eggplant okra pepper	0 20	0 20	20
Tomato	0 315	0 32	0 32
Head Lettuce	0 3375	0 50	0 50
Head and Stem Brassica	0 3375	0 50	0 50
Leafy Brassica	0 3375	0 4	0 4
Dried and Succulent Peas and Beans	0 20	0 20	0 20
Root and tuber vegetables	0 3375	0 5	0 5
Blueberries	0 3375	0 5	0 5
Caneberries	0 2	0 2	0 2
Grape	0 075	0 1	0 1
Tree nuts	0 3375	0 50	0 50
* Any bifenthrin product approved for crop use			

FIELD CROPS**Canola, Crambe, and Rapeseed (PHI 35 days)**

Pests Controlled	Rate of Application
Cutworm spp Flea Beetle	2.8 – 5.95 ounces (0.025 – 0.053 pounds active) per acre
Aphid spp Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Diamondback moth** Fleahopper Grasshopper Looper spp Seedpod weevil Stinkbug spp	4.5 – 5.95 ounces (0.04 – 0.053 pounds active) per acre
RESTRICTIONS PHI Do not apply within 35 days of harvest Application Interval Do not make applications less than 14 days apart Maximum Amount per Application Do not apply more than 5.95 ounces of product or 0.053 pound active ingredient per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 11.9 ounces of product or 0.106 pound active ingredient per acre per season Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop Remarks Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air) *Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control. * Pyrethroid resistance is common for these pests. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer to the resistance management statement in the DIRECTIONS FOR USE section of this label.	

Cotton (14 day PHI)

Pests	Rate of Application
European Corn Borer	3.9 – 11.2 ounces
Grasshoppers	(0.035 – 0.10
Soybean (Banded) Thrips	pounds active)
Tobacco Thrips	per acre
Armyworm Fall*	5.6 – 11.2 ounces
Armyworm Yellowstriped	(0.05 – 0.10
Bagrada bug	pounds active)
Boll Weevil	per acre
Bollworm	
Cabbage Looper	
Cotton Aphid	
Cotton Fleahopper	
Cotton Leafperforator	
Cutworms	
Saltmarsh Caterpillar	
Southern Garden Leafhopper	
Stink Bugs	
Tobacco Budworm*	
Carmine Spider Mite	11.2 ounces
Lygus Species	(0.10 pounds active)
Pink Bollworm	per acre
Twospotted Spider Mite	
Whitefly	

RESTRICTIONS – Cotton

Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application

Maximum Amount of F6126 EW Insecticide allowed per Season
Do not apply more than 50.5 ounces of product or 0.45 pounds of active ingredient per acre per season

Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop

Do not graze livestock in treated areas or cut treated crops for feed

REMARKS Cotton

F6126 EW Insecticide 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.

ULV Application Apply the recommended rate of F6126 EW Insecticide in refined vegetable oil in a minimum of 1 quart of finished spray per acre with aircraft calibrated to give adequate coverage.

To Control Boll Weevil Apply F6126 EW Insecticide 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. Do not exceed maximum allowable rate.

*Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control.

**Field Corn (Grain and Silage), Popcorn,
Field Corn Grown for Seed
(Foliar Use)**

Pests	Rate of Application
Army Cutworm Bean Leaf Beetle Common Stalk Borer Cutworm Species Flea Beetle Grasshoppers Green Cloverworm Hop Vine Borer Western Bean Cutworm	2.8 – 6.7 ounces (0.025 – 0.06 pounds active) per acre
Aphid Species Armyworm Fall Armyworm Southern Armyworm True Armyworm Species Armyworm Yellowstriped Cereal Leaf Beetle Chinch Bug Corn blotch leafminer (adult) Corn Earworm Corn Leaf hopper Corn Rootworm Adult Corn Silk Fly Cucumber Beetle Adult European Corn Borer False Chinch Bug Greenbug Hornworms Japanese Beetle Adult Meadow Spittlebug Sap Beetle Southern Corn Leaf Beetle Southwestern Corn Borer Stinkbugs Tobacco Budworm** Webworms	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Banks Grass Mite Carmin Mite Lygus Species Twospotted Spider Mite	11.2 ounces (0.10 pounds active) per acre

RESTRICTIONS – Field Corn

Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application

Maximum Amount of F6126 EW Insecticide allowed per Season
Do not apply more than 44.8 ounces of product or 0.4 pounds of active ingredient per acre per season including at plant plus foliar applications

Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop

Do not apply within 30 days of harvest for grain and stover and 60 days for forage

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

REMARKS – Field Corn

General Apply in a minimum of 2.5 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 1.2 quarts of emulsified oil may be substituted for 1.2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.

To control ear attacking pests Apply F6126 EW Insecticide just before silking and repeat as necessary to maintain control. Do not exceed maximum allowable rate.

Southwestern Corn Borer European Corn Borer Make application for corn borer control with initial application at or shortly before egg hatch.

For control of other insect pests Apply when pests first appear and repeat as necessary. Do not exceed maximum allowable rate.

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 pound active ingredient per acre in tank mixture has demonstrated good control under these conditions. Do not exceed maximum allowable rate.

For mite control in Texas New Mexico Oklahoma and Arizona
Apply in a minimum of 5 gallons of finished spray per acre by aircraft or in a minimum of 10 gallons per acre with ground equipment.

*Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control.

**Pyrethroid resistance is common for these pests. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer to the resistance management statement in the DIRECTION FOR USE section of this label.

**Sweet Corn (Grain and Silage),
Sweet Corn Grown For Seed (3 day PHI)
(Foliar Use Only)**

Pests	Rate of Application
Aphid spp Army Cutworm Armyworm Fall* Armyworm Southern Armyworm Species Armyworm True Armyworm Yellowstriped Cereal Leaf Beetle Chinch Bug Common Stalk Borer Corn blotch leafminer (adult) Corn Earworm Corn Rootworm Adult Corn Silk Fly Cucumber Beetle Adult Cutworm Species European Corn Borer False chinch bug Flea Beetle Grasshoppers Greenbug Japanese Beetle Adult Leafhoppers Sap Beetle Southern Corn Leaf Beetle Southwestern Corn Borer Stinkbugs Webworms Western Bean Cutworm	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Banks Grass Mite Carmin Mite Lygus Species Twospotted Spider Mite	11.2 ounces (0.10 pounds active) per acre

RESTRICTIONS – Sweet Corn

Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application

Maximum Amount of F6126 EW Insecticide allowed per Season
Do not apply more than 29.86 ounces of product or 0.266 pounds of active per acre per season

Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop

Do not graze livestock in treated areas or cut treated crops for feed within 3 days of the last application

Apply at a minimum 3 to 5 day intervals or as needed for control

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

REMARKS – Sweet Corn

General Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 20 gallons per acre with ground equipment. When applying by air 1.2 quarts of emulsified oil may be substituted for 1.2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.

To control ear attacking pests Apply F6126 EW Insecticide when silking begins and repeat as necessary to maintain control. Do not exceed maximum allowable rate.

Southwestern Corn Borer European Corn Borer Make 2 applications for corn borer control with the initial application at or shortly before egg hatch.

For control of other insect pests Apply when pests first appear and repeat as necessary. Do not exceed maximum allowable rate.

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. Do not exceed maximum allowable rate.

*Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control.

Peanut (PHI 14 days)

Pests Controlled	Rate of Application
Lesser cornstalk borer** Thrips (adults) Spider mite spp	11.2 ounces (0.10 lbs ai/A)
Aphid spp Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Bean leaf beetle Corn earworm Cutworm spp Grasshopper spp Green cloverworm Leafhopper spp Lesser cornstalk borer Looper spp Red necked peanut worm Southern corn rootworm (adult) Stinkbug spp Threecornered alfalfa hopper Vegetable weevil Velvetbean caterpillar Whitefringed beetle (adult)	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
RESTRICTIONS PHI Do not apply within 14 days of harvest Application Interval Do not make applications less than 14 days apart Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 44.8 ounces of product or 0.40 pound active ingredient per acre per season Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop Do not graze livestock in treated area Do not use treated vines or hay for animal feed Do not feed green immature plants and peanut hay to livestock Remarks Apply as required by scouting Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air) Follow appropriate spray drift precautions on this label *Coverage is essential for control of this pest Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control ** Aids in control	

Potato (PHI 21 days)

Pests Controlled	Rate of Application
Cutworm spp Flea beetle spp Grasshopper	2.8 – 6.7 ounces (0.025 – 0.06 pounds active) per acre
Aphid spp Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Banded cucumber beetle Chinch bug Colorado potato beetle* Cucumber beetle (adult) European cornborer False chinch bug Grasshopper spp Looper spp Potato leafhopper Sugarcane beetle Sweetpotato flea beetle Sweetpotato weevil (adult) Potato tuberworm**	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Plant bug spp Twospotted spider mite	11.2 ounces (0.10 pounds active) per acre
RESTRICTIONS PHI Do not apply within 21 days of harvest Application Interval Do not make applications less than 21 days apart Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 50.4 ounces of product or 0.45 pound active ingredient per acre per season including soil applications. Do not make more than two foliar applications per season. Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop Leaves of Root and Tuber vegetables (except sugar beet tops) cannot be used for food or feed Remarks Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 3 gallons by air). Follow appropriate spray drift precautions on this label. *Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control. * For Tuberworm control apply prior to harvest or senesce to adults and larvae tuberworms when economic thresholds are met	

Soybeans (21 day PHI)

Pests	Rate of Application
Bean Leaf Beetle Cutworms Flea beetle Grasshoppers Green cloverworm Painted Lady (Thistle) Caterpillar Silverspotted Skipper	2.8 – 6.7 ounces (0.025 – 0.06 pounds active) per acre
Alfalfa Caterpillar Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Blister Beetle spp Corn Earworm Corn Rootworm Adult Cowpea Curculio Cucumber Beetle Adult Dectes Stem Borer European Corn Borer False Chinch Bug Grape colapsis (adult) Hornworms Imported Cabbageworm Japanese beetle Adult Leaf Skeletonizer spp Leafhoppers Leafminers Adults Lesser Cornstalk Borer Loopers Mexican Bean Beetle Pea Leaf Weevil Saltmarsh Caterpillar Seedcorn Maggot Adult Soybean Aphid Spittlebug Stink Bug Three Cornered Alfalfa Hopper Thrips Tobacco Budworm** Velvetbean Caterpillar Webworm Woollybear Caterpillar	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Lygus Species Whitefly Thrips Two Spotted Spider Mite	11.2 ounces (0.10 pounds active) per acre

RESTRICTIONS

Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application

Maximum Amount of F6126 EW Insecticide allowed per Season
Do not apply more than 44.9 ounces of product or 0.40 pounds of active ingredient per acre per season

Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop

Do not make applications less than 30 days apart

Do not graze or harvest treated soybean forage, straw, or hay for livestock feed

REMARKS Soybean

Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air)

Thorough coverage is essential to achieve control

Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels.

*Coverage is essential for control of this pest. Under heavy outbreak conditions, tank mixing with another product that is labeled for this pest is recommended for control.

**Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so, refer the resistance management statement in the DIRECTION FOR USE section of this label.

Soybeans (at-plant use)

Pests	Rate of Application
Armyworm spp (including true armyworm) Cutworm spp (including Army cutworm) Seed corn maggot Root aphids White grub Wireworm spp	4.5 – 11.2 fl oz (0.04 – 0.10 lbs ai) per acre

RESTRICTIONS

- **PHI** Do not apply within 21 days of harvest for dried shelled peas or beans
- **Maximum Amount of HERO EW allowed per Application**
Do not apply more than 0.10 lb ai/A per application
- **Maximum Amount of HERO EW allowed per Season** Do not apply more than 0.40 lb ai/A per season

REMARKS

For Seed corn maggot Root aphids White grubs and Wireworms
Apply in furrow or in a 3 – 4 inch T Band (band over the open furrow) at planting in a minimum of 2 – 7 gallons per acre

For Armyworm spp and Cutworm spp Apply at planting on the soil surface in a 5 – 7 inch band in a minimum of 2 – 7 gallons per acre or broadcast in a minimum of 10 gallons per acre

Use higher dosage for increased residual pest control

Row spacing (inches)	Fl oz/ 1000 linear feet	Lbs ai/ 1000 linear feet
30	0.64 – 0.26	0.0057 – 0.0023
20	0.43 – 0.17	0.0038 – 0.0015
15	0.32 – 0.13	0.0029 – 0.0011

Soybeans (PPI and PRE)

Pests	Rate of Application
Pre Plant Incorporated (PPI)	
Black Cutworm White Grub Wireworm Seedcorn Maggot Armyworm spp	4.5 – 11.2 fl oz/A (0.04 – 0.10 lbs ai) per acre
Pre Emergence (PRE)	
Black Cutworm Armyworm spp Stalkborer	2.8 – 6.7 fl oz/A (0.025 – 0.06 lbs ai) per acre
RESTRICTIONS	
<ul style="list-style-type: none"> • PHI Do not apply within 21 • Maximum Amount of HERO EW allowed per Application Do not apply more than 0.10 lb ai/A per application • Maximum Amount of HERO EW allowed per Season Do not apply more than 41.2 ounces of product or 0.40 pounds of active ingredient per acre per season 	
REMARKS	
<p>For PPI treatments HERO EW can be tank mixed and applied with PPI herbicides. Incorporation of HERO EW should not be any deeper than the intended planting depth and no deeper than 3 inches. Incorporation depth should be close to the intended seed planting depth.</p> <p>For PRE treatments HERO EW may be applied and can be tank mixed and applied with PRE herbicides.</p>	

VEGETABLES

Cucurbits (PHI 3 days)

Including Cantaloupes Citron melon muskmelon watermelon
Chayote (fruit) Chinese waxgourd Cucumber gherkin gourd edible
Momordica spp pumpkin squash summer squash winter

Pests	Rates of Application
Aphid spp Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Bagrada bug Cabbage looper Corn earworm Cucumber beetle Cutworm spp Grasshopper Leafhopper spp Melonworm Pickleworm Rindworm Squash bug Squash vine borer Stink bug spp Tobacco budworm**	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Carmine mite Plant bug spp Twospotted spider mite Whitefly	11.2 ounces (0.10 pounds active) per acre
RESTRICTIONS PHI Do not apply within 3 days of harvest Application Interval Do not make applications less than 7 days apart Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 44.8 ounces of product or 0.40 pound active ingredient per acre per season Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop Do not make more than two applications after bloom Remarks 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 1.2 quarts of emulsified oil may be substituted for 1.2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. *Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control. **Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer the resistance management statement in the DIRECTION FOR USE section of this label.	

**Eggplant, Okra, Pepper (Bell & Non-Bell), and Pepino
(7 day PHI)**

Pests	Rate of Application
Armyworm Fall* Armyworm Southern Armyworm True Armyworm Yellowstriped Bagrada bug Cabbage Looper Celery Leaf Tier Colorado Potato Beetle** Corn Earworm Cucumber Beetle Cutworm Species European Corn Borer Flea Beetle Garden Webworm Grasshoppers Hornworms Leafhopper Species Meadow Spittlebug Pepper Maggot Adult Pepper Weevil Southwestern Corn Borer Stink Bug Tobacco Budworm Tomato Fruitworm Tomato Hornworm Tomato Pinworm Vegetable Leafminer	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Banks Grass Mite Carmine Mite Lygus Species Pacific Spider Mite Thrips Species Psyllid Species Twospotted Spider Mite Whitefly	11.2 ounces (0.10 pounds active) per acre
<p>RESTRICTIONS – Eggplant</p> <p>Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application</p> <p>Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 29.86 ounces of product or 0.266 pounds active per acre per season</p> <p>Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop</p> <p>Do not make applications less than 7 days apart</p> <p>REMARKS – Eggplant</p> <p>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, 1.2 quarts of emulsified oil may be substituted for 1.2 quarts of water in the finished spray.</p> <p>Thorough coverage is essential to achieve control.</p> <p>*Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control.</p> <p>**Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer the resistance management statement in the DIRECTION FOR USE section of this label.</p>	

Tomato (1 day PHI)

Pests	Rate of Application
Armyworm Fall* Armyworm Southern Armyworm Yellowstriped Armyworm True Bagrada bug Cabbage Looper Celery Leaf Tier Colorado Potato Beetle** Corn Earworm Cucumber Beetle Cutworm Species European Corn Borer Flea Beetle Garden Webworm Grasshoppers Hornworms Leafhopper Species Meadow Spittlebug Pepper Maggot Adult Pepper Weevil Southwestern Corn Borer Stink Bug Tobacco Budworm* Tomato Fruitworm Tomato Hornworm Tomato Pinworm Vegetable Leafminer	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Banks Grass Mite Carmine Mite Lygus Species Pacific Spider Mite Thrips Species Psyllid Species Twospotted Spider Mite Whitefly	11.2 ounces (0.10 pounds active) per acre
<p>RESTRICTIONS – Tomato</p> <p>Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application</p> <p>Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 47.15 ounces of product or 0.42 pounds of active ingredient per acre per season</p> <p>Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop</p> <p>Do not make more than four applications per season</p> <p>Do not make applications less than 10 days apart</p> <p>REMARKS – Tomato</p> <p>Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 2 gallons per acre by air</p> <p>Thorough coverage is essential to achieve control</p> <p>*Coverage is essential for control of this pest Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control</p> <p>* Pyrethroid resistance is common for this pest Please consult your local or state agricultural authority to determine if resistance pest populations are in your area If so refer the resistance management statement in the DIRECTION FOR USE section of this label</p>	

Head Lettuce (7 day PHI)

Pests	Rate of Application
Aphid Species Armyworm fall Armyworm southern Armyworm true Armyworm yellowstriped Bagrada bug Chinch bug Corn Earworm Crickets Cucumber Beetle Cutworm Species Diamondback Moth** Flea Beetle Imported Cabbageworm Leafhopper Species Leafminer (adults) Loopers Saltmarsh Caterpillar Stink Bug Tobacco Budworm**	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Carmine Mite Lygus Species Onion Thrips Twospotted Spider Mite Whitefly	11.2 ounces (0.10 pounds active) per acre
<p>RESTRICTIONS – Head Lettuce</p> <p>Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application</p> <p>Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 50.5 ounces of product or 0.45 pounds of active ingredient per acre per season</p> <p>Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop</p> <p>Do not make applications less than 7 days apart</p> <p>REMARKS – Head Lettuce</p> <p>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 1.2 quarts of emulsified oil may be substituted for 1.2 quarts of water in the finished spray.</p> <p>Thorough coverage is essential to achieve control</p> <p>*Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control.</p> <p>Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer the resistance management statement in the DIRECTION FOR USE section of this label.</p>	

Head & Stem Brassica (7 day PHI)

(including Broccoli Chinese Broccoli
 (gai lan white flowering broccoli) Brussels Sprouts
 Cauliflower Cavalo broccolo Kohlrabi Cabbage
 Chinese Cabbage (napa))

Pests	Rate of Application
Aphid Species Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Bagrada bug Click Beetle(wireworm adult) Corn Earworm Crickets Cucumber Beetle Cutworm Species Diamondback Moth** Flea Beetle Grasshoppers Imported Cabbageworm Leafhopper Species Leafminer Species Loopers Saltmarsh Caterpillar Southern Cabbageworm Stink Bug Tobacco Budworm**	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Banks Grass Mite Cabbage Webworm Carmine Mite Lygus Species Pacific Spider Mite Thrips Species Twospotted Spider Mite Whitefly	11.2 ounces (0.10 pounds active) per acre

RESTRICTIONS – Head & Stem Brassica

Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application

Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 50.5 ounces of product or 0.45 pounds of active ingredient per acre per season

Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop

Do not make more than 5 applications after bloom

Do not make applications less than 7 days apart

Do not apply within 7 days of harvest

REMARKS – Head & Stem Brassica

Apply in a minimum of 5 gallons of finished spray per acre by air or in a minimum of 15 gallons per acre with ground equipment. When applying by air 1.2 quarts of emulsified oil may be substituted for 1.2 quarts of water in the finished spray.

Thorough coverage is essential to achieve control.

*Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control.

**Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer the resistance management statement in the DIRECTION FOR USE section of this label.

Leafy Brassica (PHI 7 days)

Including Broccoli raab cabbage Chinese (bok choy) collards kale
mizuna mustard greens mustard spinach rape greens

Pest Controlled	Rate of Application
Aphid spp Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Bagrada bug Cabbageworm Click beetle (wireworm adult) Corn earworm Crickets Cucumber beetle (adult) Cutworm spp Diamondback moth** Flea beetle spp Grasshopper spp Imported cabbageworm Japanese beetle (adult) Leafhopper spp Leafminer (adult) Looper spp Saltmarsh caterpillar Stinkbug spp Thrips Tobacco budworm** Wireworm (adult)	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Carmin mite Plant bug spp Pacific spider mite Thrips Twospotted spider mite	11.2 ounces (0.10 pounds active) per acre
RESTRICTIONS PHI Do not apply within 7 days of harvest Application Interval Do not make applications less than 7 days apart Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 50.4 ounces of product or 0.45 pound active ingredient per acre per season Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop Remarks Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 15 gallons by ground and 5 gallons by air) Follow appropriate spray drift precautions on this label *Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control **Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer the resistance management statement in the DIRECTION FOR USE section of this label	

Dried and Succulent Peas and Beans (except Soybeans) (PHI 3 days for Succulent Shelled or Edible-Podded Peas or Beans and 21 days for Dried Shelled Peas or Beans)

Succulent Edible Podded Pea and Bean or Succulent Shelled Pea and Bean including Dwarf Pea Edible pod Pea Snow Pea Sugar Snap Pea Pigeon pea Soybean (immature seed) Swordbean English Pea Garden Pea Green Pea Runner Bean Snap Bean Wax Bean Asparagus Bean Chinese Longbean Moth Bean Yardlong Bean Jackbean Lima Bean (Green) Broad Bean (Succulent) Blackeyed Pea Southern Pea Cowpea

Dried Shelled Pea and Bean (except Soybean) including Broad Bean (Fava Bean) Blackeyed Pea Southern Pea Grain Lupin Sweet Lupin White Lupin White Sweet Lupin Field Bean Kidney Bean Lima Bean (Dry) Navy Bean Pinto Bean Tepary Bean Adzuki Bean Catjang Cowpea Crowder Pea Moth Bean Mung Bean Rice Bean Urd Bean Chickpea (Garbanzo Bean) Guar Lablab bean Lentil Field pea Pigeon Pea

Pests	Rate of Application
Alfalfa Caterpillar	4.5 – 11.2 ounces
Aphid Species	(0.04 – 0.10 pounds active)
Armyworm Fall*	per acre
Armyworm Southern	
Armyworm True	
Armyworm Yellowstriped	
Bagrada bug	
Bean Leaf Beetle	
Blister Beetle Species	
Chinch bug	
Corn Earworm	
Corn Rootworm (adult)	
Cowpea Curculio	
Cucumber Beetle (adult)	
Cutworms spp	
Dectes Stem Borer (adult) *	
European Corn Borer	
False chinch bug	
Flea Beetle	
Grasshopper spp	
Green Cloverworm	
Hornworm spp	
Imported Cabbageworm	
Japanese beetle Adult	
Leaf Skeletonizer	
Leafhopper Species	
Leafminers Spp (adult)	
Lesser Cornstalk Borer	
Looper spp	
Mexican Bean Beetle	
Painted Lady (Thistle) Caterpillar	
Pea Leaf Weevil	
Pea seed Weevil	
Saltmarsh Caterpillar	
Sap Beetle	
Seedcorn Maggot (adult)	
Silverspotted Skipper	
Southwest Corn Borer	
Spittlebug	
Stink Bug spp	
Threecornered alfalfa hopper	
Tobacco Budworm**	
Velvetbean Caterpillar	
Webworm Species	
Western Bean Cutworm	
Banks Grass Mite	11.2 ounces
Carmine Mite	(0.10 pounds active)
Lygus Species	per acre
Thrips Species	
Twospotted Spider Mite	
Whitefly	

RESTRICTIONS

Succulent Edible Podded Pea and Bean or Succulent Shelled Pea and Bean

PHI Do not apply within 3 days of harvest

Application Interval Do not make applications less than 5 days apart

Dried Shelled Pea and Bean (except Soybean)

PHI Do not apply within 21 days of harvest

Application Interval Do not make applications less than 7 days apart

Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application

Maximum Amount of F6126 EW Insecticide allowed per Season
Do not apply more than 29.86 ounces of product or 0.266 pounds of active per acre per season

Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop

REMARKS

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, 1.2 quarts of emulsified oil may be substituted for 1.2 quarts of water in the finished spray.

Thorough coverage is essential to achieve control.

*Coverage is essential for control of this pest. Under heavy outbreaks, tank mixing with another product that is labeled for this pest is recommended for control.

* Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so, refer the resistance management statement in the DIRECTION FOR USE section of this label.

Root and Tuber Vegetables Group 1 (except Sugar Beet, Garden Beet and Potato) (21 day PHI)

Including Arracacha Arrowroot Artichoke (Chinese and Jerusalem)
 Edible Burdock Edible Canna Carrot Cassava (Bitter and Sweet)
 Celeriac (Celery Root) Chayote (Root) Turnip Rooted Chervil
 Chicory Chufa Dasheen (Taro) Ginger Ginseng Horseradish Leren
 Turnip Rooted Parsley Parsnip Oriental Radish (Daikon) Rutabaga
 Salsify (Oyster Plant) Black Salsify Spanish Salsify Skirret Sweet
 Potato Tanier (Cocoyam) Turmeric Turnip Yam Bean and Yam
 (True) (see Potato section for Potato use directions)

Pest	Rate of Application
Cutworms Flea Beetle Grasshoppers	2 8 6 7 ounces (0 025 – 0 06 pounds active) per acre
Aphids Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Bagrada bug Banded Cucumber beetle Black flea beetle Chinch bug Colorado Potato Beetle Cucumber beetle Adult European cornborer False chinch bug Grasshopper spp Japanese beetle June beetle Loopers Potato leafhopper Sugarcane beetle Sweetpotato flea beetle Sweetpotato weevil Adult Potato Tuberworm** Rootworm spp (adults)	4 5 – 11 2 ounces (0 04 – 0 10 pounds active) per acre
Lygus species Two Spotted Spider Mite	11 2 ounces (0 10 pounds active) per acre

RESTRICTIONS – Root and Tuber Vegetables

Do not make applications less than 21 days apart

Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application

Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 50.4 ounces of product or 0.45 pounds of active ingredient per acre per season including soil application

Do not make more than two foliar applications per season

Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop

Leaves of Root and Tuber Vegetables (except sugar beet tops) cannot be used for food or feed

REMARKS – Root and Tuber Vegetables

Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 25 gallons by ground and 3 gallons by air)

Thorough coverage is essential to achieve control

Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels.

*Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control.

* Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer the resistance management statement in the DIRECTION FOR USE section of this label.

** For Tuberworm control (adults and larvae) apply prior to harvest or senesce when economic thresholds are met.

Garden Beet (1 day PHI)

Pest	Rate of Application
Cutworms Flea Beetle Grasshoppers	2.8 – 6.7 ounces (0.025 – 0.06 pounds active) per acre
Aphids Armyworm fall* Armyworm southern Armyworm true Armyworm yellowstriped Bagrada bug Banded Cucumber beetle Black flea beetle Chinch bug Colorado Potato Beetle Cucumber beetle Adult European cornborer False chinch bug Grasshopper spp Japanese beetle June beetle Loopers Potato leafhopper Sugarcane beetle Sweetpotato flea beetle Sweetpotato weevil Adult Potato Tuberworm* Rootworm spp (adults)	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Lygus species Two Spotted Spider Mite	11.2 ounces (0.10 pounds active) per acre

RESTRICTIONS –

Do not make applications less than 7 days apart

Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application

Maximum Amount of F6126 EW Insecticide allowed per Season
Do not apply more than 50.4 ounces of product or 0.45 pounds of active ingredient per acre per season including soil application

Do not make more than two foliar applications per season

Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop

Leaves cannot be used for food or feed

REMARKS – Root and Tuber Vegetables

Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 25 gallons by ground and 3 gallons by air)

Thorough coverage is essential to achieve control

Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels

*Coverage is essential for control of this pest. Under heavy outbreaks tank mixing with another product that is labeled for this pest is recommended for control

**Pyrethroid resistance is common for this pest. Please consult your local or state agricultural authority to determine if resistance pest populations are in your area. If so refer the resistance management statement in the DIRECTION FOR USE section of this label

* For Tuberworm control (adults and larvae) apply prior to harvest or senesce when economic thresholds are met

BUSHES, VINES and TREES**Blueberries (PHI 1 day)**

Pests Controlled	Rate of Application
Aphid spp Blueberry maggot Fruitworms Leaf hopper spp Lecanium scale (crawlers) Plum curculio Oblique leafroller Red banded leafroller Spanworm Vanegated leafroller	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Twospotted mite Carmine mite Pacific mite Lygus sp	11.2 ounces (0.10 pounds active) per acre
RESTRICTIONS PHI Do not apply within 1 day of harvest Application Interval Do not make applications less than 7 days apart Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 50.4 ounces of product or 0.45 pound active ingredient per acre per season Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop Remarks Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 20 gallons by ground and 2 gallons by air) Follow appropriate spray drift precautions on this label	

Caneberries (PHI 3 day)

Including Blackberries Bingleberries Dewberries Lowberries
Manonberries Olallieberries Youngberries Loganberries and
Raspberries

Pests Controlled	Rate of Application
Leafroller spp Orange tortrix Root weevil spp Blackvine weevil	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Twospotted mite Carmin mite Raspberry crown borer	11.2 ounces (0.10 pounds active) per acre
RESTRICTIONS PHI Do not apply within 3 day of harvest Application Interval Do not make applications less than 7 days apart Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 30 ounces of product or 0.266 pound active ingredient per acre per season Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop Remarks Apply by air or ground equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons per acre by air and 50 gallons per acre by ground) One application may be made pre bloom and a second application may be made post bloom For Crown Borer apply 0.10 pound active per acre post harvest (fall) or pre bloom (spring) as a drench application directed at the crown of plants in a minimum of 200 gallons water / acre. Greater efficacy is observed at higher water gallonage (up to 400 gallons/acre) or in an application prior to a significant rainfall event Do not make both pre bloom foliar and pre bloom drench applications Follow appropriate spray drift precautions on this label	

Grape (PHI 30 days)

Pests Controlled	Rate of Application
Asian lady bird beetle Cutworm spp Eastern grape leafhopper Grape berry moth Grape vine root borer (adult) Japanese beetle (adult) Lady bird beetle Variegated leafhopper Western grape leafhopper	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Black vine weevil Glassywinged sharpshooter Twospotted spider mite	11.2 ounces (0.10 pounds active) per acre
RESTRICTIONS PHI Do not apply within 30 days of harvest Application Interval Do not make applications less than 7 days apart Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 11.2 ounces of product or 0.10 pound active per acre per season Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop Remarks Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 25 gallons by ground and 10 gallons by air) Follow appropriate spray drift precautions on this label	

**Tree Nuts Group (PHI 7 days) except Pecan
(PHI 21 days)**

including almond beech nut Brazil nut butternut cashew chestnut
chinquapin filbert (hazelnut) hickory nut macadamia nut and walnut
(black and English) and Pecan

Pest	Rate of Application
Black pecan aphid Codling moth Filbert worm Hickory shuckworm Leaffooted bug Pecan weevil Plant bug spp Navel orange worm Oblique banded leafroller Peach twig borer Pecan leaf casebearer Pecan nut casebearer Pecan phylloxera Stinkbug spp Walnut aphid Yellow pecan aphid	4.5 – 11.2 ounces (0.04 – 0.10 pounds active) per acre
Brown mite Fire ant spp San jose scale (crawlers) Pacific mite Two spotted spider mites Walnut husk fly	11.2 ounces (0.10 pounds active) per acre
RESTRICTIONS PHI Do not apply within 7 days of harvest except pecan which is 21 days Application Interval Do not make applications less than 15 days apart Maximum Amount per Application Do not apply more than 11.2 ounces of product or 0.10 pound active ingredient per application Maximum Amount of F6126 EW Insecticide allowed per Season Do not apply more than 50.4 ounces of product or 0.45 pound active ingredient per acre per season Refer to the maximum usage tables when applying more than one product containing either zeta cypermethrin or bifenthrin to this crop • Grazing Do not graze livestock in treated orchards or cut treated cover crops for feed Remarks 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	

Dealers Must Sell in Original Packages
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