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11/4/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Ms. Jane Miller
Agent for J. Oliver Products, LLC
115 Obtuse Hill
Brookfield, Connecticut 06804

NOV - 4 2008

Dear Ms. Miller:

Subject: Amendment- In response to February 21, 2008 letter implementing spray drift language and Permethrin RED risk mitigation labeling
Cyper-G-AG 2.5 EC
EPA Registration Number 83222-7
Your submission dated July 3, 2008

The amendment referred to above, submitted in connection with registration under the FIFRA section 3(c) (7)(a), is acceptable provided you:

- 1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c) (5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the label change listed below before you release the product for shipment bearing the amended labeling:
a. Under the heading Directions for Use add "Restricted for Use Pesticide" in bold print. Note the full text of the RUP block does not need to be repeated.
b. On page 4 move "Do not apply this product in a way... pesticide regulation." to directly above the Agricultural Use Requirements Box.
c. On page 5 under the heading "Buffer Zones", qualify the site "ponds" to read "natural ponds" in all locations where the term "ponds" occurs. Also, qualify "streams" to read "permanent streams" and correct the website URL (address) for guidance to read as follows: www.in.nrcs.gov/technical/agronomy/newconbuf.pdf.
d. On page 5 update your Storage and Disposal section according to PR Notice 2007-4.
e. On page 6 under Chemigation delete the precaution, "Do not apply when wind speed favors drift beyond the area intended for treatment.". The appropriate spray drift precautions are now listed on page 7.

f. On page 10 under Restrictions add "Do not apply more than 10 synthetic pyrethroid applications (of one product or combination of products) to cotton in one growing season."

g. For each crop entry, in the Restrictions add "(minimum)" after "apply every x days.", i.e. for cotton it would read "Apply every 5 days (minimum) or as needed."

h. In the warranty statement change "To the extent allowed.. handling of this product." to "To the extent consistent with applicable by law, in no event shall J. Oliver Products, LLC or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product."

i. On page 16 change "Dealers Should Sell in Original Packages" to Dealers Must Sell in Original Packages".

A copy of a stamped label is enclosed for your records.

Please submit three (3) copies of the amended labeling bearing the above revisions before you release the product for shipment.

Please note that acceptance of this letter does not constitute reregistration of this product.

If you have any questions you may contact Linda A. DeLuise at 703.305.5428.

Sincerely yours,



Richard Gebken
Product Manager (13)
Insecticide Branch
Registration Division (7505P)

Enclosure

Restricted Use Pesticide

Due to Toxicity to Fish and Aquatic Organisms-Invertebrates

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 certification.

Cyper G-AG 2.5 EC Insecticide

ACCEPTED
with CYPERMETHRIN
to EPA Label Draft

NOV - 4 2008

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
is amended, for the pesticide
registered under EPA Reg. No.

Active Ingredient:

*Cypermethrin**	30.6%
Inert Ingredients***	69.4%
Total	100.0%

83222-7

*(±) a-Cyano (3-phenoxyphenyl) methyl (±) *cis/trans* 3-(2,2-dichloroethenyl)-2,2 dimethylcyclopropanecarboxylate

***Cis/trans* ratio: Max. 55% (±) *cis* and min. 45% (±) *trans*

***Contains xylene range aromatic solvents.

Contains 2.5 pounds cypermethrin per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

See inside attached booklet for additional Precautionary Statements, First Aid and complete Directions for Use.

EPA Reg. No.: 83222-7

EPA Est. No. XXXXX-XX-XXX

Net Contents:

Manufactured By:

J. OLIVER PRODUCTS, LLC

3187 ROBERTSON GIN RD. HERNANDO, MS 38632

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

If Swallowed:	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
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 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 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.

Note to Physician:

Like the natural pyrethrins, the synthetic derivative is expected to have relatively minor toxicity in humans; in fact, any significant acute toxic effects are more likely from a carrier hydrocarbon solvent. Consequently, induction of vomiting may increase the likelihood of the most important toxic potential, chemical pneumonia, and so should either be avoided or done only under medical supervision. Ingestion of a large amount calls for gastric lavage, with care (Trendelenburg position, suction available, cuffed endotracheal tube if patient is unconscious) to avoid intrapulmonary aspiration. A saline cathartic (sodium or magnesium sulfate), 15-30 gm. Activated charcoal as a slurry in water. Digestible fats, oils or alcohol may increase absorption and so should be avoided. Skin contact (vapor or powder) may be followed by transient tingling or numbness, usually of the face, but this subsides without treatment.

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

PRECAUTIONARY STATEMENTS**Hazards to Humans (and Domestic Animals)****CAUTION**

Harmful if absorbed through skin, inhaled or swallowed. Causes eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, may cause sensitization reaction in some individuals. Avoid contact with eyes or clothing. Product should be opened and poured in a well ventilated area.

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 E on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators, and other handlers must wear the following:

- Long-sleeve shirt and long pants
- Shoes and socks

In addition to the above, handlers using hand-held equipment must also wear chemical-resistant gloves

~~Handlers who may be exposed to the dilute or concentrate through mixing, loading, application or other tasks must wear: Coveralls over short-sleeved shirt and short pants, Chemical resistant gloves, such as Barrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton, Shoes plus socks, and Protective eyewear, and Chemical resistant apron when mixing or loading.~~

See Engineering Controls for additional 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.

Engineering Controls

~~Pilots must use an enclosed cockpit. 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 [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.~~

Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

User Safety Recommendations**Users should:**

Users should wash hands with plenty of soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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.

Environmental Hazards

This pesticide is ~~extremely~~ toxic to fish, aquatic invertebrates, oysters and shrimp. 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 apply 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 if bees are visiting the treatment area.

Physical/Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Do not apply this product 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.

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.

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 over short-sleeved shirt and short pants, shoes plus socks, chemical-resistant gloves made of any waterproof material, such as Barrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton, and Protective eyewear.~~

STORAGE AND DISPOSAL

Pesticide Storage

Do not store below 10°F, (-12°C).

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

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

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

Container Disposal

Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld metal containers.

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.

Returnable/Refillable Sealed Containers: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

Buffer Zones

Vegetative Buffer Strips

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, marches or natural ponds, estuaries, and commercial fish farm ponds).

Only apply products containing cypermethrin 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>.*

Buffer Zone for Ground Application (groundboom, overhead chemigation, or airblast)

Do not apply within 25 feet of aquatic habitat (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

Buffer Zone for ULV Aerial Application

Do not apply within 450 feet of aquatic habitat (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

Buffer Zone for Non-ULV Aerial Application

Do not apply within 150 feet of aquatic habitat (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

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 nonuniform 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 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 motor 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.

Cyper G-AG 2.5EC insecticide should be applied continuously for the duration of the water application. Cyper G-AG 2.5EC should be diluted in sufficient volume to insure accurate application over the area to be treated. When using chemigation, a minimum of 0.5 inch per acre of irrigation water is recommended. Agitation is not required when a suitable diluent is used.

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.

Rotational Crops

With the exception of the crops listed below, rotational crops may not be planted within 30 days after last application.

Tank-Mixture

Cyper G-AG 2.5EC insecticide may be applied in tank mixtures with other products approved for use on cotton, brassicas, bulb vegetables, head lettuce, and pecans. Observe all restrictions and precautions which appear on the labels of these products.

For improved control of aphids and mites on cotton, Cyper G-AG 2.5EC may be tank-mixed with Curacron® 8E. The tank-mixture is most effective when pest populations are first observed. Subsequent applications may be needed to maintain control.

Spray Drift Requirements Precautions

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®, Fury®, Karate®, Mustang, Scout® X-TRA, and Warrior®.

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

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

Only apply this product if the wind direction favors on-target deposition.

Do not apply when 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 coarse spray nozzles (for ground and non-ULV aerial application) according to ASAE (S572) definition for standard nozzles. In condition of low humidity and high temperature, applicators should use a coarser droplet size.

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

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.

Do not apply by ground equipment within 25 feet, or by air within 150 feet of lakes; reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultra low volume (ULV) application is made.

Ground Application

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.

Aerial Application

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

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

~~Do not cultivate within 10' of the aquatic area so as to allow growth of a vegetative filter strip.~~

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

Do not apply more than the maximum seasonal total for either product when used alone, and do not apply more than the combined maximum seasonal total for both products as outlined in the table below.

Crop	Maximum Seasonal Total for Either Product Used Alone (pounds active ingredient/acre)		Maximum Seasonal Total When Applying Both Products to the Same Crop (pounds active ingredient/acre)
	Zeta-cypermethr (Fury or Mustang)	Cypermethrin (Cyper AG 2.5EC or Ammo)	Zeta-cypermethrin (Fury or Mustang) plus Cypermethrin (Cyper AG 2.5EC or Ammo)
Cotton	0.3	0.4	0.4
Head and Stem Brassica	0.3	0.6	0.6
Leafy Brassica Greens	0.3	0.4	0.4
Head Lettuce	0.3	0.6	0.6
Bulb Vegetables	0.25	0.5	0.5
Pecans	0.3	0.5	0.5

Cotton (14 day phi)

PEST	DOSAGE		REMARKS
	LB./AI/A	FL. OZ./A	
<i>Preemergent Use:</i> Cutworms	0.025 to 0.1	1.3 to 5	Use CyperG-AG2.5EC in the time period from 14 days prior to planting up to emergence of the crop. Apply as a broadcast spray by ground or air, banded (including T-band) or in-furrow spray using sufficient spray volume to achieve adequate coverage. Reduced volumes of water may be used with specialized equipment. Use a minimum of 1 gallon of water per acre by air. Use the higher rates of Cyper G-AG 2.5 EC when incorporating into the soil.
<i>Foliar Use:</i> Cutworms Tobacco Thrips Soybean (banded) Thrips	0.025 to 0.1	1.3 to 5	
<i>Foliar Use:</i> Boll Weevil Cabbage Looper Cotton Bollworm Cotton Fleahopper Cotton Leaf Perforator European Corn Borer Fall Armyworm Lygus Bugs Other Plant Bugs Pink Bollworm Saltmarsh Caterpillar Tarnished Plant Bug Tobacco Budworm White Flies* Yellow Striped Armyworm	0.04 to 0.1	2 to 5	CyperG-AG2.5EC may be applied in water or refined vegetable oil. When water is used, apply a minimum of one gallon of finished spray per acre by air or five gallons of finished spray with ground equipment. When applying in water by air, one quart of emulsified oil may be substituted for one quart of water in the finished spray. When using oil, use a minimum of one quart per acre in the finished spray. CyperG-AG 2.5EC may be injected into overheadsprinkler irrigation water provided 1) an anti-backflow check valve is present between the injection port and the water source, 2) a check valve is present in the line to prevent irrigation water from entering the chemical supply tank and 3) the irrigation injection system has interlocking on-off switches.
<i>Foliar use:</i> Beet Armyworm**	0.06 to 0.1	3 to 5	For boll weevil control, apply Cyper G-AG 2.5EC at a 3 to 4 day interval until pest numbers are reduced to acceptable levels.
<p>Restrictions:</p> <ul style="list-style-type: none"> • <u>Do not apply more than 5.12 fl. oz./A (0.1 lb. ai/A) per application.</u> • <u>Do not apply more than 20.5 fl. oz./A(0.4 lb. ai/A) per year. A maximum of 0.6 lb. active ingredient may be applied per acre per season.</u> • <u>Apply every 5 days or as needed.</u> • Do not graze or feed cotton for forage. 			

*Aids in control.

**For control of beet armyworms only in the high plains of Texas, Arizona, and California.

Head and Stem Brassica Vegetables including: Broccoli; Chinese Broccoli (gai Ion, white flowering broccoli); Brussels Sprouts; Cauliflower; Cavalo Broccolo; Kohlrabi; Cabbage; Chinese Cabbage (napa) (tight-heading varieties only) (1 day phi)

PEST	DOSAGE		REMARKS
	LB./AI/A	FL. OZ./A	
Cutworms Corn Earworm Tobacco Budworm Lygus Bugs Saltmarsh Caterpillar Leafhoppers Flea Beetles Imported Cabbageworm Cucumber Beetles Aphids* Whiteflies*	0.05 to 0.1	2.5 to 5	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. Lower rates of Cyper G-AG 2.5EC Insecticide should be used under light to moderate insect pressure. Higher rates should be used to control heavy to extremely heavy insect populations. Do not make applications less than 7 days apart.
Armyworms Loopers Stinkbugs Crickets Ground Beetles Onion Thrips Wireworm (adults)	0.075 to 0.1	3.75 to 5	In areas where arid climatic conditions persist, such as California and Arizona, higher than minimum recommended rates may be required. Follow appropriate spray drift precautions listed for cotton, brassicas, lettuce and onions. *Aids in control.

Restrictions:

- Do not apply more than 5.12 fl. oz./A (0.1 lb. ai/A) per application.
- Do not apply more than 30.72 fl. oz./A (0.6 lb. ai/A) per year. A maximum of 0.6 lb. active ingredient may be applied per acre per season.
- Apply every 7 days or as needed.

DRAFT MARKED LABEL - PER CYPERMETHRIN RED

Leafy Brassica Greens including: Broccoli Raab (rapini); Chinese cabbage (bok choy); Chinese Mustard Cabbage (gai choy); Collards; Kale; Mizuna; Mustard Greens; Mustard Spinach; Rape Greens. (1 day phi)

PEST	DOSAGE		REMARKS
	LB./AI/A	FL. OZ./A	
Cutworms Corn Earworm Tobacco Budworm Lygus Bugs Saltmarsh Caterpillar Leafhoppers Flea Beetles Imported Cabbageworm Cucumber Beetles Aphids* Whiteflies*	0.05 to 0.1	2.5 to 5	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. Lower rates of Cyper G-AG 2.5 EC Insecticide should be used under light to moderate insect pressure. Higher rates should be used to control heavy to extremely heavy insect populations. Do not make applications less than 7 days apart.
Armyworms Loopers Stinkbugs Crickets Ground Beetles Onion Thrips Wireworm (adults)	0.075 to 0.1	3.75 to 5	In areas where arid climatic conditions persist, such as California and Arizona, higher than minimum recommended rates may be required. Follow appropriate spray drift precautions listed for cotton, brassicas, lettuce and onions. *Aids in control.
Restrictions: <ul style="list-style-type: none"> • <u>Do not apply more than 5.12 fl. oz./A (0.1 lb. ai/A) per application.</u> • <u>Do not apply more than 20.5 fl. oz./A(0.4 lb. ai/A) per year. A maximum of 0.6 lb. active ingredient may be applied per acre per season.</u> • <u>Apply every 7 days or as needed.</u> 			

Lettuce, Head. (5 day phi)

PEST	DOSAGE		REMARKS
	LB./AI/A	FL. OZ./A	
Corn Earworm Cucumber Beetles Cutworms Diamondback Moth Flea Beetles Imported Cabbageworm Leafhoppers Lygus Bugs Saltmarsh Caterpillar Tobacco Budworm	0.05 to 0.1	2.5 to 5	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. Lower rates of Cyper G-AG 2.5EC should be used under light to moderate insect pressure. Higher rates should be used to control heavy to extremely heavy insect populations.
Armyworms Crickets Loopers Onion Thrips Stinkbugs	0.075 to 0.1	3.75 to 5	In areas where arid climatic conditions persist, such as California and Arizona, higher than minimum recommended rates may be required. Follow appropriate spray drift precautions listed for cotton, brassicas, lettuce and onions.
<p>Restrictions:</p> <ul style="list-style-type: none"> • <u>Do not apply more than 5.12 fl. oz./A (0.1 lb. ai/A) per application.</u> • <u>Do not apply more than 30.72 fl. oz./A (0.6 lb. ai/A) per year. A maximum of 0.6 lb. active ingredient may be applied per acre per season.</u> • <u>Apply every 7 days or as needed.</u> 			

Bulb Vegetables (Allium spp.) including: Garlic; Garlic, Great-Headed (elephant); Green Eschalots; Japanese Bunching Onions; Leeks; Onion, Dry Bulb and Green; Onion, Welch; Shallots, Dry Bulb and Green; Spring Onion or Scallions. (7 day phi)

PEST	DOSAGE		REMARKS
	LB./AI/A	FL. OZ./A	
Onion Thrips	0.08 to 0.1	4 to 5	Apply CyperG-AG2.5EC in a minimum of 20 gallons per acre with ground equipment or in a minimum of 3 gallons per acre by aircraft. Begin applications when pests appear. Do not make applications less than 7 days apart. To control Onion Thrips: Use higher rates as population increases and avoid rescue situations. Use of a crop oil concentrate at 16 fl. oz./A is recommended. Follow appropriate spray drift precautions listed for cotton, brassicas, lettuce and onions.
Aphids Armyworms Cutworms Leafminers Onion Maggot Adults Stink Bugs	0.04 to 0.1	2 to 5	
Restrictions: <ul style="list-style-type: none"> • <u>Do not apply more than 5.12 fl. oz./A (0.1 lb. ai/A) per application.</u> • <u>Do not apply more than 25.6 fl. oz./A (0.5 lb. ai/A) per year. A maximum of 0.6 lb. active ingredient may be applied per acre per season.</u> • <u>Apply every 7 days or as needed.</u> • Do not graze livestock in treated areas or cut treated crops for feed. 			

Pecans. (21 day phi)

PEST	DOSAGE		REMARKS
	LB./AI/A	FL. OZ./A	
Black Pecan Aphid Hickory Shuckworm Pecan Nut Casebearer Pecan Weevil Yellow Pecan Aphid	0.06 to 0.10	3 to 5	Applications at the lower rate should be made when pest populations are low. Rates should be increased as the pest pressure increases. Apply by ground equipment to the point of drip. Use 100 gallons of dilute spray per acre for smaller trees. For larger trees which require higher gallonage to achieve adequate coverage, apply in 200 to 300 gallons of water. In order to calculate the correct number of gallons of water needed to spray one acre of your trees to the point of drip, you may need to conduct a test. If you do not know how to conduct such a test with your equipment, you should request assistance from your equipment dealer. Up to 0.6 lb. active ingredient per acre season may be applied prior to shuck split.
Restrictions: <ul style="list-style-type: none"> • <u>Do not apply more than 5.12 fl. oz./A (0.1 lb. ai/A) per application.</u> • <u>Do not apply more than 25.6 fl. oz./A (0.5 lb. ai/A) per year.</u> • <u>Apply every 7 days or as needed.</u> • Do not graze livestock in treated orchards or cut treated cover crops for feed. 			

Dealers Should Sell in Original Packages Only.**WARRANTY STATEMENT**

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

Ambush, Curacron, Cymbush, Karate and Warrior — Trademarks of Syngenta Crop Protection
Asana — Trademark of E. I. duPont de Nemours and Co., Inc.

Baythroid — Trademark of Bayer AG

Scout — Trademark of Hoechst Roussel Agri-Vet Company

Ammo, Capture, and Pounce — Trademarks of FMC Corporation

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