

769-982

06-27-2008

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JUN 27 2008

Ms. Diana Williams  
Value Garden Supply  
9100 W. Bloomington Freeway, Suite 113  
Bloomington, MN 55431

Dear Ms. Williams:

Subject: Amendment- include use over crops with established tolerances

ALLPro Evoluer 4-4 ULV

EPA Registration Number ~~769-982~~

ALLPro Evoluer 30-30 ULV

EPA Registration Number 769-983

ALLPro Evoluer 2-2 ULV

EPA Registration Number 769-984

Your submissions dated March 31 and May 31, 2008

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

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c) (5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the following label changes:

a. Change "Artichokes" to "Artichoke, globe".

b. Change "Corn, sweet" to "Corn, sweet kernel + cob with husks removed".

c. Change "Peaches/Nectarines" to "Peaches".

3. Please note that the availability of EPA's reregistration document (RED) for productions containing Permethrin was published in the FR on June 28, 2006 (Vol.71 No.124 page 36788). Additional data or labeling changes may be required for products containing Permethrin.

4. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

Sincerely yours,

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505P)

Enclosure

ACCEPTED  
with COMMENTS  
to EPA Label Draft

JUN 27 2008

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

769-982



# EVOLUER 4-4 ULV

For use only by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

This product is Ready-To-Use, Quick Knockdown, Low Odor, Non-Corrosive Synergized Synthetic Pyrethroid for Control of Adult Mosquitoes, Biting and Non-Biting Midges, Black flies and other outdoor flying insects as listed on this label which cause Public Health annoyance in Residential, Municipal and Recreational Areas.

ACTIVE INGREDIENTS:

*Permethrin .....	4.0%
**Piperonyl Butoxide Technical .....	4.0%
OTHER INGREDIENTS*** .....	92.0%
Total: .....	100.0%

\*(3-phenoxyphenyl)methyl(+/-)Cis/trans 3-(2,2-dichloroethenyl)2,2-Dimethyl cyclopropanecarboxylate.  
cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

\*\*Equivalent to 80% (butylcarbityl)(6-propylpiperonyl) ether and 20% related compounds.

\*\*\* Contains a petroleum distillate solvent

Contains 0.29 pounds of Permethrin and 0.29 pounds of Piperonyl Butoxide per gallon.

## KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entienda 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).

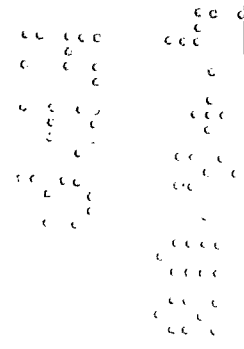
EPA Reg. No 769-982 EPA Est. No. 44616-MO-1(H), EPA Est. No. 44616-GA-1(C)  
Circled letter corresponds to first letter of lot number on container.

NET CONTENTS:

- 2.5 GALLON
- 30 GALLON
- 55 GALLON
- 250 GALLON

Value Garden Supply  
St. Joseph, MO 64502  
RM#26394

FRONT COVER





# EVOLUER™ 4-4 ULV

14/5

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\*\*Equivalent to 80% (butylcarbityl)(6-propylpiperonyl) ether and 20% related compounds.

\*\*\* Contains a petroleum distillate solvent

Contains 0.29 pounds of Permethrin and 0.29 pounds of Piperonyl Butoxide per gallon.

READ ENTIRE LABEL BEFORE USING READY-TO-USE

This product will not dilute with water.

EPA Reg. No 769-982 EPA. Est. No. 44616-MO-1(H), 44616-GA-1(G)

Circled letter corresponds to first letter of lot number on container.

## KEEP OUT OF REACH OF CHILDREN CAUTION

"PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente" (If you do not understand the label, find someone to explain it to you in detail).

### DIRECTIONS FOR USE

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

### WHEN TO APPLY

**Note:** Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

FOR BEST RESULTS treat when mosquitoes or insects are most active and weather conditions are conducive to keeping the fog near the ground e.g. cool temperatures, and consistent wind speeds are not greater than 10 m.p.h. Apply when wind speed is greater or equal to 1 mph. Applications during the cool hours of night or early morning are usually preferable. Do not apply when air temperature is below 50° F.

Do not retreat the same site more than once in 12 hours. Do not apply more than 0.18 lbs. of permethrin per acre per year to any site. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

FIRST AID	
<b>IF SWALLOWED:</b>	Call a poison control center or doctor immediately for treatment advice. 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.
<b>IF IN EYES:</b>	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.
<b>IF ON SKIN OR CLOTHING:</b>	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.
<b>IF INHALED:</b>	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 advice.
<b>HOT LINE NUMBER:</b>	Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice. See below for additional Precautionary Statements.
<b>NOTE TO PHYSICIAN:</b>	Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally. Vomiting may cause aspiration pneumonia.

RATES CHART FOR EVOLUER 4-4 ULV USE, UNDILUTED						
CONDITIONS AND RATES TO USE EVOLUER 4-4 ULV UNDILUTED FOR MOSQUITO CONTROL						
Permethrin lbs. a.i./Acre	PBO lbs. a.i./Acre	Application Rates Fluid Ounces per Minute at MPH				Fluid Ounces and (milliliters) Per acre
		5 mph	10 mph	15 mph	20 mph	
0.007	0.007	9.40	18.80	28.20	37.60	3.10 (91.7 ml)
0.0035	0.0035	4.70	9.40	14.10	18.80	1.55 (45.9 ml)
0.00175	0.00175	2.35	4.70	7.05	9.40	0.78 (22.9 ml)
0.001	0.001	1.34	2.69	4.03	5.37	0.44 (13.1 ml)

PRECAUTIONARY STATEMENTS	
HAZARDS TO HUMANS AND DOMESTIC ANIMALS	
<b>CAUTION:</b> Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or the toilet. Prolonged or repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse.	
ENVIRONMENTAL HAZARDS	
This product is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.	
<b>Bee Warning:</b> This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply to blooming crops or weeds while bees are visiting the treatment areas, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.	
PHYSICAL AND CHEMICAL HAZARDS	
Do not use, pour, spill, or store near heat or open flame.	

1 to 1 DILUTION RATES FOR EVOLUER 4-4 ULV						
MIX 1 PART EVOLUER 4-4 ULV WITH 1 PART OF A SUITABLE MINERAL OIL. APPLY AS FOLLOWS:						
Pounds a.i. per Acre		Application Rates Fluid Ounces per Minute at Vehicle Speeds				Fluid Ounces and (milliliters) Finished Spray Per acre
		Permethrin	PBO	5 mph	10 mph	
0.007	0.007	19.80	37.60	56.40	75.20	6.20 (183.3)
0.0035	0.0035	9.40	18.80	28.20	39.57	3.10 (91.7)
0.00175	0.00175	4.70	9.40	14.10	18.80	1.55 (45.9)
0.001	0.001	2.70	5.37	8.06	10.74	0.90 (26.6)

### HOW TO APPLY

**Ground Application:** Spray equipment must be adjusted so the volume median diameter or mass median diameter is less than 30 microns (Dv 0.5 < 30 µm) and that 90% of the spray is contained in droplets smaller than 48 microns (Dv 0.9 < 48 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

**Aerial Application:** Spray equipment must be adjusted so the volume median diameter produced is less than 60 microns (Dv 0.5 < 60 µm) and that 90% of the spray is contained in droplets smaller than 115 microns (Dv 0.9 < 115 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

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### AERIAL APPLICATION

For proper ground application mount the fog applicator so that the nozzle is at least 4 1/2 feet above the ground level and directed out the back of the vehicle. Failure to follow these label directions may result in reduced effectiveness. For Aerial Application refer to the "Aerial Application" section on this label. **AIIPro EVOLUER 4-4 ULV** may be used as is, or diluted with a suitable solvent such as 60 to 100 Second viscosity mineral oil and applied at a rate not to exceed 3.10 fl. oz. of **AIIPro EVOLUER 4-4 ULV** per acre. For exact rates, see the "Undiluted" or the "1 to 1 Dilution" rate charts on this label.

Aerial application with **ULTRA LOW VOLUMES** of **AIIPro EVOLUER 4-4 ULV** applied according to the rate charts on this label may be considered necessary when conducted at the discretion of Public Health Officials, Mosquito Abatement Districts, or other trained personnel engaged in outdoor Mosquito and flying insect control programs, when these insects threaten to become a public health hazard.

**AIIPro EVOLUER 4-4 ULV** is recommended for application as an Ultra Low Volume (ULV) Thermal or Non-Thermal aerosol (cold fog) to control adult mosquitoes, and other insects as listed on this label, in residential and recreational areas where these insect pests become a problem; such as, but not limited to parks, campsites, woodlands, athletic fields, golf courses, residential areas, municipalities, gardens, playgrounds, and non-crop waste areas

Aerial application of **AIIPro EVOLUER 4-4 ULV** shall be made at altitudes ranging from 100 feet to 300 feet. The recommended airspeed for Fixed Wing aircraft with flat fan nozzles is from 120 to 160 mph. For Rotary Aircraft equipped with rotary nozzles, apply at a sufficient airspeed to deliver the appropriate amount of **AIIPro EVOLUER 4-4 ULV** a.i. per acre. Do not exceed 3.10 fluid ounces per acre of **AIIPro EVOLUER 4-4 ULV** which is equal to 0.007 lb. permethrin a.i. per acre and 0.007 lb. piperonyl butoxide a.i. per acre.

**AIIPro EVOLUER 4-4 ULV** can be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting flies within or adjacent to these areas. Application can only be made where the following crops are present:

**PROHIBITION FOR AERIAL USE:** Not for aerial application in the State of Florida unless specifically authorized by the Bureau of Entomology and Pest Control, Florida Department of Agriculture and Consumer Services.

<b>Alfalfa</b>	Corn, forage	Leafy	<b>Pistachios</b>
<b>Almonds</b>	Corn, fodder	vegetables	<b>Potato</b>
<b>Apples</b>	Corn, grain	(except	<b>Range grasses</b>
<b>Artichokes</b>	(field	Brassica)	<b>Soybeans</b>
<b>Asparagus</b>	and pop)	Lettuce, head	<b>Spinach</b>
<b>Avocados</b>	<b>Corn, stover</b>	Mushrooms	<b>Tomatoes</b>
<b>Broccoli</b>	<b>Corn, sweet</b>	Onions,	<b>Vegetables,</b>
<b>Brussels sprouts</b>	Eggplant	dry bulb	cucurbit
<b>Cabbage</b>	<b>Filberts</b>	<b>Peaches/</b>	<b>Walnuts</b>
<b>Cauliflower</b>	<b>Garlic</b>	<b>Nectarines</b>	<b>Watercress</b>
<b>Celery</b>	<b>Kiwifruit</b>	<b>Pears</b>	
<b>Cherries</b>	<b>Horseradish</b>	<b>Peppers, bell</b>	

Do not allow spray treatment to drift on pastureland, cropland, (other than crops listed) or water supplies. In treatment of corrals, feedlots, animal confinements/houses, swine lots and zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

### GROUND ULV NON-THERMAL AEROSOL (COLD FOG) APPLICATIONS

To control Mosquitoes, Midges and Black flies, apply **AIIPro EVOLUER 4-4 ULV** using any standard ULV ground applicator capable of producing a non-thermal aerosol fog and base all acreage calculations on the equipment manufacturer's recommended swath width.

When applying this product undiluted, apply at a flow rate of 2.69 to 18.80 ounces per minute at an average vehicle speed of 10 mph. These rates are equivalent to 0.001 to 0.007 pound of permethrin a.i. and 0.001 to 0.007 pound of piperonyl butoxide a.i. per acre. If a different vehicle speed is used, adjust the rate accordingly. Vary flow rates accordingly to vegetation density and mosquito population. Use higher flow rates in heavy vegetation or when insect populations are high. An accurate flow rate control system must be used to ensure proper flow rate. **AIIPro EVOLUER 4-4 ULV** may also be applied by diluting 1 part to 1 part of a 60 to 100 second mineral oil or another suitable solvent applies so as not to exceed the maximum a.i. rates per acre as shown in the rate charts. If an alternate dilution rate is required, adjust the flow rate accordingly, provided the droplet size and spectrum remain within the label specifications. Do not exceed a flow rate of 20 oz. per minute unless recommended by equipment manufacturers and/or Public Health Officials when undiluted or diluted 1 to 1, and high vehicle speeds of 10, 15 or 20 mph are necessary in emergency conditions, and when fogging equipment is capable of such higher rates of output per minute.

### THERMAL AEROSOL FOGGING

**TRUCK MOUNTED:** Apply **AIIPro EVOLUER 4-4 ULV** diluted or undiluted with suitable Thermal Fogging equipment. Droplet size of thermal "fog" will range 0.1 to 1.0 micron. If diluted use a 60 to 100 second viscosity mineral oil, or another suitable non-phytotoxic diluent, to reduce oil requirement and sludge buildup in equipment. Do not exceed the maximum rates. May be applied at speeds of 5 mph up to 20 mph.

**HAND CARRIED and/or LAWN MOWER FOGGERS,** use the same rates of a.i. per acre with a 50 foot swath width at a walking speed of 2 mph. Do not fog to wet foliage. Only use a clean, well maintained, and properly calibrated fogger, known to give excellent performance. Fog downwind. Apply **AIIPro EVOLUER 4-4 ULV** to deliver 0.001 to 0.007 pound of permethrin a.i. per acre and 0.001 to 0.007 pound of piperonyl butoxide a.i. per acre.

### USE AS AN INSECT BARRIER TREATMENT

For use in Non-Thermal ULV, motorized, portable backpack fog type mist blower equipment, apply **AIIPro EVOLUER 4-4 ULV** with equipment adjusted to deliver ULV particles of 50 to 100 volume median diameter. **AIIPro EVOLUER 4-4 ULV** may be applied undiluted or diluted (see application rate charts on this label). If diluted, use a 30 to 100 second viscosity mineral oil, or another (if recommended by Public Health Officials) suitable non-phytotoxic diluent. Use 0.001 to 0.007 pound of permethrin a.i. per acre at a 50 ft. (15.2 m) swath width while walking at a speed of 2 mph (3.2 kph). Whether applied undiluted or diluted, or at a different speed, make sure that the same amount (0.001 to 0.007 lb.) of permethrin a.i. and piperonyl butoxide a.i. is applied per acre.

When this product is applied as a barrier application using low pressure hand sprayers, hydraulic sprayers or ground ULV equipment, do not apply within 100 feet (30 meters) of lakes and streams.

### STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Pesticide Storage and Spill Procedures: Store in upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste. **Pesticide Disposal:** Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility. **Container Disposal:** Triple rinse or equivalent, then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### READ ENTIRE LABEL BEFORE USING

Read the entire **Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability** before using this product. By using this product, User and Buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The Directions for Use of this product are believed to be adequate and should be followed carefully. However it is impossible to eliminate all risks associated with the use of this product. 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 **Value Garden Supply**. All such risks shall be assumed by the User or Buyer.

**DISCLAIMER OF WARRANTIES:** To the extent provided by law, there are no warranties express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of **Value Garden Supply** is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. **Value Garden Supply** disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.

**LIMITATION OF WARRANTIES:** The exclusive remedy of the User or Buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price, or at **Value Garden Supply's** option, the replacement of the product.

EPA Reg. No 769-982  
EPA Est. No. 44616-MO-1(H), 44616-GA-1(G)  
Circled letter corresponds to first letter  
of lot number on container.

Value Garden Supply  
P.O. Box 585  
St. Joseph, MO 64502  
(952) 884-6477  
www.allprovectorm.com