

 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE:  <input checked="" type="checkbox"/> Registration  <input type="checkbox"/> Reregistration</p> <p>(Under FIFRA as amended)</p>	EPA Reg. Number: 769-994	Date of Issuance: MAR 19 2012
	Term of Issuance: Conditional	
	Name of Pesticide Product: AllPro® Aqualuer® 4-4	
Name and Address of Registrant (include ZIP Code): Value Garden Supply, LLC P.O. Box 585 St. Joseph, MO 64502		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is <u>conditionally</u> registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:</p> <ol style="list-style-type: none"> <li>You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. <ol style="list-style-type: none"> <li>Revise the EPA Registration Number to read "EPA Registration Number 769-994".</li> </ol> </li> </ol>		
Signature of Approving Official: <i>Linda A De Lencastre for Richard Gebken</i>	Date: March 19, 2012	

# AllPro<sup>®</sup> Aqualuer<sup>®</sup> 4-4

For use 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, 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.

READ ENTIRE LABEL BEFORE USING

## READY-TO-USE

### ACTIVE INGREDIENTS:

*Permethrin.....	4.0%
**Piperonyl Butoxide .....	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.

\*\* (butylcarbityl)(6-propylpiperonyl) ether and related compounds.

Contains 0.33 pounds of Permethrin and 0.33 pounds of Piperonyl Butoxide per gallon

**ACCE. ED**  
**with COMMENTS**  
**In EPA Letter Dated:**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

MAR 19 2012  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
769-994

EPA Reg. No 769- 894

EPA Est. No. 44616-MO-1

Net Contents

\_\_\_ 1 gal.    \_\_\_ 2.5 gal.    \_\_\_ 5 gal.    \_\_\_ 15 gal.    \_\_\_ 30 gal.    \_\_\_ 55 gal.

**Value Garden Supply**  
P.O. Box 585 • St. Joseph, MO 64502

**First Aid**

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Hot Line Number:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time. During other times, call the poison control center 1-800-222-1222.

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

**Caution:** 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.

**Bee Warning:** 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.

**DIRECTIONS FOR USE**

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

AllPro Aqualuer 4-4 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.

This product is not for use in outdoor residential misting systems.

AllPro Aqualuer 4-4 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:

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

Do not allow spray treatment to drift on 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.

### 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 exceed 25 applications at 0.007 lbs permethrin ai per acre per application or 0.025 lbs PBO ai per acre per application, or 0.18 lbs. of permethrin per acre per season or 2.0 lbs. PBO per acre per year.

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

### HOW TO APPLY

**Ground Application:** Spray equipment must be adjusted so the volume median diameter is less than 30 microns (Dv 0.5 < 30 µm) and that 90% of the spray is contained in droplets smaller than 50 microns (Dv 0.9 < 50 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 rates(s) are properly calibrated.

For proper ground application mount the fog applicator so that the nozzle is at least 4 ½ feet above the ground level and directed out the back of the vehicle. Failure to follow these label directions may result in reduced effectiveness.

**Aerial Application:** Do not apply by fixed wing aircraft at a height less than 100 feet, or by helicopter at a height less than 75 feet unless specifically approved by the state or tribe based on public health needs. The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. 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.

**Aerial Application made at ≤ 200 feet above ground elevation:**

Spray equipment must be adjusted so that 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 100 microns (Dv 0.9 < 100 μm).

**Aerial Application made at > 200 feet above ground elevation:**

Spray equipment must be adjusted so the volume median diameter produced is less than 70 microns (Dv 0.5 < 70 μm) and that 90% of the spray is contained in droplets smaller than 145 microns (Dv 0.9 < 145 μm).

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

To control Mosquitoes, Midges and Black flies, apply **AllPro Aqualuer 4-4** 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.

Apply at a flow rate of 2.35 to 16.46 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. Do not exceed a flow rate of 20 oz. per minute unless recommended by equipment manufacturers and/or Public Health Officials, 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 **AllPro Aqualuer 4-4** with suitable Thermal Fogging equipment. Droplet size of thermal "fog" will range 0.1 to 1.0 micron. 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 **AllPro Aqualuer 4-4** 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 **AllPro Aqualuer 4-4** with equipment adjusted to deliver ULV particles of 50 to 100 volume median diameter. 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). If applied 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.

**AERIAL APPLICATION**

Aerial application with ULTRA LOW VOLUMES of **AllPro Aqualuer 4-4** 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.

Aerial application of **AllPro Aqualuer 4-4** 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 **AllPro Aqualuer 4-4** a.i. per acre. Do not exceed 2.72 fluid ounces per acre of **AllPro Aqualuer 4-4** which is equal to 0.007 lb. permethrin a.i. per acre and 0.007 lb. piperonyl butoxide a.i. per acre.

IN FLORIDA: Do not apply by aircraft unless approved by the Florida Department of Agriculture and Consumer Services.

RATE CHART						
CONDITIONS AND RATES TO USE AllPro Aqualuer 4-4 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	
0.00700	0.00700	8.23	16.46	24.69	32.91	2.72 (80.44 ml)
0.00350	0.00350	3.03	8.23	12.34	16.46	1.36 (40.22 ml)
0.00175	0.00175	2.06	4.11	6.17	8.23	0.68 (20.11 ml)
0.00100	0.00100	1.18	2.35	3.53	4.70	0.39 (11.53 ml)

### STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal.

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store 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 rinsate that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**CONTAINER HANDLING: Nonrefillable container.** Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**Triple Rinse as Follows - Containers 5 gallons or less in capacity :** Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container ¼ 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. **Containers greater than 5 gallons in capacity:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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.

**Pressure Rinse as Follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**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.