



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 20, 2026

Susan Westra  
Regulatory Specialist III  
Chem Tech, Ltd.  
Neogen Corporation – Regulatory Dept.  
620 Lesher Place  
Lansing, MI 48912

Subject: Label Amendment - Registration Review Mitigation for Tetrachlorvinphos (TCVP)  
Product Name: AGRI-BON AQUA 50  
EPA Registration Number: 47000-126  
Case Number: 675097  
Application Date: August 22, 2024

Dear Susan Westra:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the tetrachlorvinphos (TCVP) Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Patricia Biggio by phone at 202-566-1938, or via email at [biggio.patricia@epa.gov](mailto:biggio.patricia@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Dana L. Friedman". The signature is written in a cursive style with a large initial "D".

Dana L. Friedman, Chief  
Risk Management and Implementation Branch 1  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs  
U.S. Environmental Protection Agency

ENCLOSURE: Stamped label

Tetrachlorvinphos	Group	<b>1B</b>	Insecticide
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# Clean Crop AGRI-BON AQUA 50

A 50% Wettable Powder with Rabon®

FOR USE AS A LIVESTOCK POULTRY AND PREMISE SPRAY

**ACTIVE INGREDIENTS:**

Tetrachlorvinphos: 2-chloro-1-(2, 4, 5 – trichlorphoenyl) vinyl dimethyl phosphate....50.0%

**INERT INGREDIENTS:**.....50.0%

**TOTAL**.....100.0%

[10.7 oz. (303.9g) ai/lb.]

KEEP OUT OF REACH OF CHILDREN

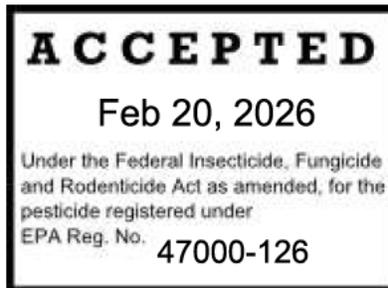
## CAUTION

EPA Reg. No. 47000-126

EPA Est. No. 47000-IA-1

Manufactured by:  
**Chem-Tech, Ltd.**  
1006 Business Hwy 5  
Pleasantville, IA 50225

Net Contents: \_\_\_\_\_ lbs (\_\_\_\_\_ kg)



<b>FIRST AID</b>	
<b>If Swallowed:</b>	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.
<b>If on Skin or on 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 in Eyes:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.
<b>If Inhaled:</b>	Remove person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information contact: National Pesticide Information Center at 1-800-858-7378	
<b>NOTE TO PHYSICIAN AND VETERINAIANS: Poison symptoms:</b> Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.	
Treatment: Tetrachlorvinphos is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunctions with atropine. Atropine is antidotal only if symptoms of cholinesterase inhibition are present. Do not use this product on animals simultaneously or within 30 days before or after treatment with or exposure to cholinesterase inhibitions drugs, pesticides, or chemicals.	

**See Below for Additional Precautionary Statements**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequent contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling. Avoid contamination of feed and food-stuffs. Do not apply in dwellings. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE):**

All mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and pants.
- Chemical-resistant gloves made of any waterproof material barrier laminate, butyl rubber ( $\geq 14$  mils), nitrile rubber ( $\geq 14$  mils), neoprene rubber ( $\geq 14$  mils), natural rubber ( $\geq 14$  mils), polyethylene, polyvinyl chloride (PVC)  $\geq 14$  mils, or Viton gloves ( $\geq 14$  mils).
- Chemical-resistant shoes plus socks.

Mixers, loaders, and applicators filling poultry dust boxes or supporting or using low-pressure handwand equipment or applying by paint brush must wear:

- Coveralls worn over long-sleeved shirt and long pants.
- Chemical-resistant gloves made of any waterproof material barrier laminate, butyl rubber ( $\geq 14$  mils), nitrile rubber ( $\geq 14$  mils), neoprene rubber ( $\geq 14$  mils), natural rubber ( $\geq 14$  mils), polyethylene, polyvinyl chloride (PVC)  $\geq 14$  mils, or Viton gloves ( $\geq 14$  mils).
- Chemical-resistant shoes plus socks.
- Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter: OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

### **Respirator fit testing, medical qualification, and training**

Using a program that conforms to OSHA's requirements (see 29 CFR Part 1910.134), employers must verify any handler who uses a respirator is:

- Fit-tested and fit-checked,
- Trained, and
- Examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn. A qualified medical practitioner is a physician or other licensed health care professional who will evaluate the ability of a worker to wear a respirator. The initial evaluation consists of a questionnaire that asks about medical conditions (such as a heart condition) that would be problematic for respirator use. If concerns are identified, then additional evaluation, such as a physical exam, might be necessary. The initial evaluation must be done before respirator use begins. Handlers must be reexamined annually by a qualified medical practitioner or if their health status or respirator style or use conditions change.

Upon request by local/state/federal/tribal enforcement personnel, employers must provide documentation demonstrating how they have complied with these requirements.

### **User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions or washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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.

### **Environmental Hazards**

This product is highly toxic to bees and other non-target insects exposed to direct treatment.

### **Advisory Best Management Practice for Pollinator Protection**

Following best management practices (BMPs) can help reduce risk to pollinators. To protect wild and managed pollinators, the following BMPs should be implemented:

- Use Managed Pollinator Protection Plans (MP3s) when they are available. These plans may be available from state lead agencies and promote communication between growers, landowners, farmers, beekeepers, pesticide users, and other pest management professionals to reduce exposure of bees and other pollinators to pesticides.
- Use integrated pest management (IPM) to prevent or mitigate potential negative effects to pollinators and consider multiple pest management options before resorting to a pesticide application.
- For additional resources on pollinator BMPS and Pollinator Protection Plans, visit <https://www.epa.gov/pollinator-protection/tools-and-strategies-pollinator-protection>.

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of treated materials, including manure and litter, equipment washwaters or rinsate. Runoff may adversely affect aquatic invertebrates, and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Do not spray the product into fish pools, ponds, stream, or lakes. Do not apply directly to sewers or storm drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### **DIRECTIONS FOR USE**

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

Do not apply via foggers, misters, electrostatic dusters, or any other aerosolizing method.

### **General Application Restrictions**

- **For Indoor Use Only**, not for use outdoors.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Do not enter or allow others to enter treated areas until sprays have dried.
- Only protected handlers may be in the area during application.
- Do not use on horses intended for slaughter.
- Do not use in residential areas.
- Do not apply to outside surfaces of any domestic animal structures.
- When using a low-pressure handwand, this product can only be used for spot treatments.
- Avoid contamination of feed and food-stuffs.

**ENDANGERED AND THREATENED SPECIES PROTECTION REQUIREMENTS:** Before using this product, you must obtain any applicable Endangered Species Protection Bulletins ('Bulletins') within six months prior to or on the day of application. To obtain Bulletins, go to Bulletins Live! Two (BLT) at

<https://www.epa.gov/pesticides/bulletins>. When using this product, you must follow all directions and restrictions contained in any applicable Bulletin(s) for the area where you are applying the product, including any restrictions on application timing if applicable. It is a violation of Federal law to use this product in a manner inconsistent with its labeling, including this labeling instruction to follow all directions and restrictions contained in any applicable Bulletins(s). For general questions or technical help, call 1-844-477-3183, or email [ESPP@epa.gov](mailto:ESPP@epa.gov).

**REPORTING ECOLOGICAL INCIDENTS:** For guidance on reporting ecological incidents, including death, injury, or harm to plants and animals, including bees and other non-target insects, see EPA's Pesticide Incident Reporting website: <https://www.epa.gov/pesticide-incidents> or call 1-800-477-8201.

### Resistance-Management

For resistance management, Clean Crop AGRI-BON AQUA 50 contains a Group 1 insecticide. Any insect population may contain individuals naturally resistant to Clean Crop AGRI-BON AQUA 50 and other Group 1 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of Clean Crop AGRI-BON AQUA 50 or other Group 1 insecticides with different groups that control the same pests.
- Adopt an integrated pest management program for insecticide use that includes inspection of animals and/or premises, uses historical information related to pesticide use, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact a Neogen representative at 1-800-477-8201.

### General Directions

This product is suitable for use in conventional power or low pressure knapsack sprayers. Occasional agitation is recommended to prevent undue setting of the suspension. Follow the USE DIRECTIONS for proper percent solution needed for a specific insect and areas or types of wall surfaces. Refer to DILUTION TABLE for the quantity of insecticide needed to make the percent solution recommended.

### Dilution Table

Amount of this product to use (pounds)	Amount of Water For			
	0.35% Solution (Gallons)	0.5% Solution (Gallons)	1.0% Solution (Gallons)	2.0% Solution (Gallons)
1/2	9	6	3	1 1/2

January 15, 2026

2	36	25	12 ½	6
4	75	50	25	12 ½
8	150	100	50	25

**Livestock Use Directions**

<b>Animal</b>	<b>Insect</b>	<b>% Solution</b>	<b>REMARKS</b>
Beef Cattle	Horn Flies, Lice	0.35%	Apply as coarse spray. Use up to ½ gallon of spray per animal. There is no withholding period from last application to slaughter. Make a maximum of three (3) applications per year. Maintain a minimum 14-day retreatment interval between applications. The maximum single application rate is 19 g (0.67 oz) ai/ animal/treatment.
	Lone Star Ticks	0.5%	Apply as coarse spray. Use between ½ and ¾ gallon of spray per animal depending on size and hair coat. There is no withholding period from last application to slaughter. Make a maximum of three (3) applications per year. Maintain a minimum 14-day retreatment interval between applications. The maximum single application rate is 19 g (0.67 oz) ai/ animal/treatment.
Swine	Lice	0.5%	Apply as a coarse spray using 1 to 2 quart per head to thoroughly wet the animal. Repeat in 2 weeks if necessary.

**Poultry Use Directions (Applications to poultry, poultry litter, and poultry premises are for indoor use only)**

<b>Insects</b>	<b>Type of Housing</b>	<b>% Solution</b>	<b>Remarks</b>
Lice, mites	Wire Cages	0.5%	Apply directly to birds (1 gallon/150 birds), spray vent and fluff areas from below. Repeat when necessary. Do not repeat more often than every 14 days. For individual bird treatment apply 1 ounce of the mixture per bird. Make a maximum of seven (7) applications per year. Maintain a minimum 14-day retreatment interval between applications. The maximum single applicate rate is 0.18 g ai/bird (0.006 oz ai).

Note: For maximum lasting control of the Northern Fowl Mite penetration of the feathers around the vent area is absolutely essential. Use power sprayer at 100-125 psi at NO LESS THAN RECOMMENDED RATE. More attention must be given each individual bird when using low-pressure equipment. Treat roosters carefully and thoroughly to avoid reinfestation in breeding flocks.

<b>Insect</b>	<b>Problem Areas*</b>	<b>% Solution</b>	<b>Remarks</b>
Flies	Dairy barns, poultry houses, swine barns – other animal buildings	2.0%	For dry whitewashed wood or concrete block surfaces – 1 gallon of solution/500 sq. ft.
		1.0%	For unpainted wood or painted concrete block surfaces – 1 gallon of solution/500 sq. ft.
		1.0%	For Masonite or galvanized sheet metal surfaces – ½ gallon of solution/500 sq. ft.
Maggots	Poultry droppings, manure piles, garbage piles, under feed troughs	1.0%	Apply 1 gallon of mixed solution/100 sq. ft. Penetrate problem area first time – repeat every 7 – 10 days thereafter. Covering outdoor garbage piles as soon as possible or moving garbage indoors after application will reduce runoff.
*When using a low-pressure handwand, this product can only be used for spot treatments.			
<b>Insects</b>	<b>Type of Housing</b>	<b>% Solution</b>	<b>Remarks</b>
For control of Northern Fowl Mite and Darkling Beetles	Litter	0.5%	Apply 1-2 gallons/1,000 sq. ft. evenly for penetration to litter surfaces. Also apply thoroughly to walls, roosts, cracks, crevices and interiors. Spray birds lightly.
	Litter	50% WP	Treat evenly and thoroughly using 2.5 oz/100 sq ft
	Dust Box	50 % WP	Mix evenly throughout top layer of box contents using 2.5 oz/50 birds. Do not fill poultry dust boxes with shaker cans or plunger dusters. Dust boxes must be filled by scooping or pouring dust directly into the box.
	Roost Paint	1.0%	Apply 1 gal./100-150 sq. ft. thoroughly to walls, ceiling, floor cracks and crevices with a power sprayer.
Fowl Tick (Blue Bug)	All types	1.0%	Apply 1 gal./100-150 sq. ft. thoroughly to walls, ceiling, floor cracks and crevices with a power sprayer.

### STORAGE AND DISPOSAL

Do not allow to enter indoor or outdoor drains. Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options. Do not contaminate water, food or feed by storage or disposal.



**Pesticide Storage:** Store in a cool, dry place in original container.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved disposal facility.

**Container Disposal:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. 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 Chem-Tech, Ltd, the manufacturer or seller. To the extent consistent with applicable law, Chem-Tech, Ltd, the manufacturer or seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. Except as warranted by this label, Chem-Tech, Ltd, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability shall be limited to damages not exceeding the cost of the product.