



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 12, 2020

Niamh McMahon  
Regulatory Product Manager  
AMVAC Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660

Subject: Label Amendment – Add use sites for Crop Groups: 13-07G, 13-07A, 3-07B, 13-07F, guava, lychee, and papaya  
Product Name: Abamectin Technical  
EPA Registration Number: 5481-625  
Application Date: April 16, 2020  
Decision Number: 562595

Dear Ms. McMahon:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. 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 18 months from the date of this letter. After 18 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.

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.

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

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with FIFRA section 6. If you have any questions, please contact Kevin Ulrich by phone at 703-347-0464, or via email at [ulrich.kevin@epa.gov](mailto:ulrich.kevin@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Product Manager 7  
Invertebrate & Vertebrate Branch 3  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure: Stamped Label

# ABAMECTIN TECHNICAL

## FOR MANUFACTURING USE ONLY

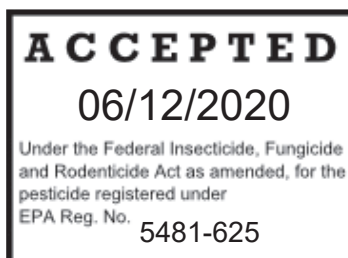
<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Abamectin (CAS No. 65195-55-3 and CAS No. 65195-56-4) .....	97.6%
<b>INERT INGREDIENTS:</b> .....	<u>2.4%</u>
<b>TOTAL</b>	<b>100.0%</b>

### KEEP OUT OF REACH OF CHILDREN

## WARNING

FIRST AID	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN:</b>	
<p>Early signs of intoxication include dilation of pupils, muscular incoordination, and muscular tremors. Toxicity following accidental ingestion of the technical product can be minimized by vomiting within one-half hour of exposure; rapidly after exposure (&lt;15 minutes) administer repeatedly medical charcoal in a large quantity of water or ipecac.</p> <p>If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms, and measurements.</p> <p>In severe cases, observations should continue for at least several days until clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.</p>	
EMERGENCY NUMBERS	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p> <p>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</p> <p>For Medical Emergencies phone: .....1-888-681-4261</p> <p>For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC® .....1-800-424-9300</p> <p>For Product Use Information phone: AMVAC® .....1-888-462-6822</p>	

EPA Reg. No. 5481-625  
 EPA Est. No. \_\_\_\_\_



NET CONTENTS: \_\_\_\_\_ LBS \_\_\_ KGS



Manufactured for:  
AMVAC Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660 U.S.A.

Made in China

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

May be fatal if inhaled, swallowed, or absorbed through skin. Causes moderate eye irritation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Keep container tightly closed. Keep away from food, drink, and animal feeding stuffs.

The following protective clothing must be worn during all handling and formulation operations: Airline mask or air-supplied hood; chemical-resistant goggles and gloves; full body garments with shoe protectors and head cover. Disposable clothing is recommended.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with 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 sewage treatment plant authority.

For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

**DIRECTIONS FOR USE**

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

This product is for the formulation of insecticide baits and agricultural insecticide/miticide spray formulations and is not for resale under this label.

**1. Agricultural crops**

**Terrestrial Food Crops**

Avocado, caneberry (crop subgroup 13-07A), celeriac, citrus fruit (crop group 10-10), cotton, cucurbit vegetables (crop group 9), dry beans, fruiting vegetables (except cucurbits) (crop group 8-10), grapes and small fruit vine climbing subgroup (except fuzzy kiwifruit) (subgroup 13-07F), guava (including feijoa, jaboticaba, wax jambu, starfruit, passionfruit, acerola), herb (crop subgroup 19A), hops, leafy vegetables (except *Brassica* vegetables) (crop group 4), lychee (including longan, Spanish lime, rambutan, pulasan), mint (peppermint and spearmint), onion, bulb (crop subgroup 3-07A), onion, green (crop subgroup 3-07B), papaya (including star apple, black sapote, sapodilla, canistel, mamey sapote), pineapple, pome fruit (crop group 11-10), stone fruit (crop group 12-12), strawberries and crop group 13-07G, tree nuts (crop group 14-12) and pistachio, and tuberous and corm vegetables (crop subgroup 1C).

**Terrestrial Non-Food Crop Use**

Alfalfa grown for seed.

**2. Agricultural premises not accessible to livestock and around equipment (Indoor Non-Food, Terrestrial Non-Food)**

Around barns, chicken houses, and agricultural equipment.

**3. Commercial and Industrial use (Indoor, Terrestrial Non-Food)**

In and around commercial, institutional, and industrial premises such as warehouses, hotels, motels, resorts, apartment buildings, food storage areas, meat packing and food processing plants, food handling establishments, supermarkets, restaurants, non-patient occupied areas of hospitals and nursing homes, schools, commercial transportation equipment such as buses, boats, ships, trains, aircraft except aircraft cabins, utility conduits, and utility boxes.

**4. Household (Domestic indoor and outdoor use)**

In and around residential buildings such as homes, apartments, garages, sheds, storage buildings, and other household and domestic structures.

**5. Livestock**

**Terrestrial Food**

Cattle ear tags

**6. Ornamental plants**

**Terrestrial Non-Food, Greenhouse Non-Food**

Ornamental herbaceous plants, ornamental woody shrubs and vines, ornamental and/or shade trees, ornamental nonflowering plants, and Christmas tree plantations.

**7. Turf and other outdoor areas**

**Domestic Outdoor, Terrestrial Non-Food**

Ornamental lawns and turf, commercial sod farms, golf courses. Noncropped areas such as landscapes, recreation areas such as fairgrounds, race tracks, tennis courts, and parks.

**8. Other Uses**

Uses for which the US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration excluding any use strictly prohibited by this label.

Uses for experimental purposes that are in compliance with the US EPA's requirements.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store Abamectin Technical in a cool, dry place away from food, drink, and animal feeding stuffs. If spilled, do not flush to waterways (see **ENVIRONMENTAL HAZARDS**). Carefully collect and containerize spilled material in a manner that produces the least amount of airborne dust. Wear suitable protective equipment during any spill cleanup operation (see **PRECAUTIONARY STATEMENTS**). Remove residual surface material with towels moistened with methanol.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

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

**Plastic Containers:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into formulation equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**Metal Container:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into formulation equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. 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. For final disposal, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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## LIMITED WARRANTY AND DISCLAIMER

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The manufacturer warrants (a) that this product conforms to the chemical description on the label and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable.

**THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

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