

35935-70

10/16/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Matt Granahan  
Nufarm Limited  
4020 Aerial Center Parkway, Suite 103  
Morrisville, NC 27560

OCT 16 2012

Subject: Label Amendment to add crop groups to Technical label  
EPA Registration No. 35935-70  
Submission Date: August 02, 2012  
Decision #: 468955

Dear Mr. Granahan:

The labeling referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy is enclosed for your records. If you have any questions, please contact me at (703) 347-0263 or [rogala.jessica@epa.gov](mailto:rogala.jessica@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "John Hebert".


John Hebert  
Product Manager 07  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

**ACCEPTED**  
 OCT 16 2012  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 35935-70

**ACTIVE INGREDIENT:**  
 Abamectin ..... 7.0%  
**OTHER INGREDIENTS:** ..... 93.0%  
 100.0%

\*CAS No. 65195-55-3 and CAS No. 65195-56-4  
 EPA Reg. No. 35935-70  
 EPA Est. No. \_\_\_\_\_

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER / PELIGRO**

  
**POISON**

Si usted no entiende 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.)  
 For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
 For Medical Emergencies Only, Call (877) 325-1840

# Abamectin Technical

TECHNICAL PRODUCT FOR FORMULATION ONLY  
 PRECAUTIONARY STATEMENTS  
 HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
 DANGER / PELIGRO

Fatal if inhaled. May be fatal if swallowed or absorbed through skin. Causes moderate eye injury. 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 away from food, drink and animal feeding stuffs. The following protective clothing must be worn during all handling and formulation operations: Airtight 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 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. Labeling for products formulated from this product must conform to that which is currently registered with the U.S. Environmental Protection Agency.

Formulators using this product are responsible for obtaining Environmental Protection Agency registration for their formulated products. This technical product may be used only for formulation of end-use insecticides/miticides/nematocides for the uses listed below.

- 1. Agricultural crops:** Terrestrial Food Crops: Apples, avocados, celeriac, citrus fruit crop group 10, citrus orchard floor, cotton, cucurbit vegetables crop group 9, dry beans, fruiting vegetables except cucurbits crop group 8, herb subgroup 19A, hops, leafy vegetables except Brassica crop group 5, pears, mint (peppermint and spearmint), onion, bulb crop subgroup 3-07A, peats, pistachios, stone fruit crop group 12, strawberries, tree nuts crop group 14, tuberous and com vegetables subgroup 1C.
- Terrestrial Non-Food Crop Use:** Alfalfa grown for seed.
- 2. 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.
- 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. Ornamental plants (Terrestrial Non-Food, Greenhouse Non-Food):** Ornamental herbaceous plants, ornamental woody shrubs and vines, ornamental and/or shade trees, ornamental non-flowering plants, and Christmas tree plantations.
- 5. Turf and other outdoor areas (Domestic Outdoor, Terrestrial Non-Food):** Ornamental lawns and turf, commercial sod farms, golf courses, non-cropped areas such as landscapes, recreation areas such as fairgrounds, race tracks, tennis courts, and parks.
- 6. Agricultural premises not accessible to livestock and around equipment (Indoor Non-Food, Terrestrial Non-Food):** Around barns, chicken houses, and agricultural equipment.
- 7. 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 product in original container only, away from other pesticides, fertilizer, food or feed.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Fiber drums with liners: Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping both sides and bottom to loosen clinging particles. Empty residue into manufacturing equipment. Then offer fiber drum and liner for recycling, if available.

**WARRANTY DISCLAIMER**

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO BUYER ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS 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. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OR PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS. SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV080212)

Product of China  
 NET WEIGHT: \_\_\_\_\_ lbs. ( \_\_\_\_\_ Kg)



Manufactured for  
 NUFARM LIMITED  
 104 T.W. Alexander Drive, Bldg. 5  
 Research Triangle Park, NC 27709

<b>FIRST AID</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 by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> <li>• Call a poison control center or doctor immediately for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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 to 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 to 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>

**HOT LINE NUMBER**  
 Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

**NOTE TO PHYSICIAN**  
 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 (less than 15 minutes), administer repeatedly medical charcoal in a large quantity of water or ipecac. If toxicity from exposure has progressed to cause severe vomiting, the extent of residual 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. In severe cases, observation should continue for at least several days until clinical conditions are 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 exposures. There is no specific antidote. Treat other routes of exposure symptomatically.