



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

November 14, 2025

Leanna Bosarge
Director, Regulatory Affairs
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Label Amendment - Registration Review Mitigation for Abamectin
Product Name: CSI Abamectin 1.9 CS
EPA Registration Number: 53883-294
Case Number: 473143
Application Date: September 3, 2019

Dear Leanna Bosarge:

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 Abamectin 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 Concepción Rodríguez by phone at 202-566-0820, or via email at rodriguez.concepcion@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. K. Muhammad-Perch', with a long, sweeping horizontal line extending to the right.

Maryam K. Muhammad-Perch, Team Lead
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

CSI Abamectin 1.9 CS

Sublabel A: For Greenhouse, Nursery, Turf Grass Production/Sod Farms and Agricultural Use

Sublabel B: For Indoor Only, Commercial, Institutional and Residential Crack and Crevice Treatment

EPA Reg. No.: 53883-294

EPA Establishment No.: _____

Control Solutions, Inc.
5903 Genoa, Red Bluff
Pasadena, TX 77507

A C C E P T E D

11/14/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 53883-294



CSI ABAMECTIN 1.9 CS

MITICIDE/INSECTICIDE

(ALTERNATE BRAND NAME: ABBA® CS)

(ALTERNATE BRAND NAME QUALI-PRO ABBA® CS)

(Generic Descriptor: Controlled Release Insecticide)

[Optional marketing logo: CapVantage™ Technology]

[Contains abamectin, the active ingredient used in Agri-Mek® 0.15EC

CSI ABAMECTIN 1.9 CS is not manufactured or distributed by Syngenta Crop Protection, Inc.]

[For Agricultural/Commercial Production to Control Leafminers and Mites, and
to Suppress Aphids, Whiteflies, and Thrips on Ornamental Plants.]

ACTIVE INGREDIENT:	% BY WT
Abamectin (CAS No. 71751-41-2):	1.9%
OTHER INGREDIENTS:	98.1%
TOTAL:	100.0%

Contains petroleum distillates.

1 gallon contains 0.15 lb. abamectin.

Non-refillable container

KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

Manufactured for:
Control Solutions, Inc.
5903 Genoa, Red Bluff
Pasadena, TX 77507

EPA Reg. No. 53883-294

EPA Est. No. XXXXXXXXXX

Net Contents: ____ Gallons

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> • 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 immediately for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of soap and water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	
Note to physician: Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness), and muscle tremors. Toxicity follows accidental ingestion of the CSI ABAMECTIN 1.9 CS and can be minimized by promptly administering activated charcoal. 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 respiratory functionality) as indicated by clinical signs, symptoms, and measurements. 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.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye injury. Harmful if absorbed through skin. Do not get in eyes. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes and socks
- Chemical-resistant gloves, made of barrier laminate or butyl rubber ≥ 14 mils
- Protective eyewear

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming

crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Use of this product may pose a risk to threatened and endangered species of fish, amphibians, crustaceans (including fresh water shrimp), and insects. All use of this product in the state of California must comply with the directions of the California Endangered Species Project. Before using this product in California, consult with your county agriculture commissioner to determine use limitations that apply in your area.

SURFACE WATER ADVISORY

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a medium potential for reaching both surface water and aquatic sediment via runoff for several weeks to months after application. A level well maintained vegetative buffer strip between areas to which this product is applied and surface water such as ponds, streams and springs will reduce the potential loading of abamectin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Attn: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

DIRECTIONS FOR USE

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

Do not apply through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves, made of barrier laminate or butyl rubber \geq 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

RUNOFF PREVENTION

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

MANDATORY SPRAY DRIFT MANAGEMENT

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size select the nozzles and pressure that deliver medium or coarser droplets in accordance with the most current version of the American Society of Agricultural & Biological Engineers Standard 572 (ASAE S572).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

Boom-less Ground Applications:

- Applicators are required to select the nozzles and pressure that deliver medium or coarser droplets in accordance with the most current version of the American Society of Agricultural & Biological Engineers Standard 572 (ASAE S572).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce the effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and move laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boom-less Ground Applications:

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technologies Applications:

- Take precautions to minimize spray drift.

RESISTANCE MANAGEMENT

For resistance management, CSI ABAMECTIN 1.9 CS contains a Group 6 insecticide. Any insect population may contain individuals naturally resistant to CSI ABAMECTIN 1.9 CS and other Group 6 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of CSI ABAMECTIN 1.9 CS or other Group 6 insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, 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 or certified crop advisors 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 your local Control Solutions, Inc. representative or distributor.

For Use on Greenhouse-, Shadehouse-, Nursery and Field-Grown Ornamentals, Foliage Plants, Christmas Tree Plantations, and other Production Woody Ornamentals.

CSI ABAMECTIN 1.9 CS will control mites and leafminers, and suppress thrips, aphids, and whiteflies on the following ornamental plants: Greenhouse-, shadehouse- and field-grown ornamentals; foliage plants; Christmas trees and other woody ornamentals.

To control mites, apply CSI ABAMECTIN 1.9 CS when mites initially appear, then repeat as needed to maintain control. To control leafminers, apply CSI ABAMECTIN 1.9 CS and repeat every 7 days or as needed to maintain control.

To suppress whiteflies, thrips, and aphids, apply CSI ABAMECTIN 1.9 CS when the young/immature stages of these pests are first seen, then repeat once per week for 2–3 weeks. Then rotate to other registered insecticides having a different mode of action for a minimum of 2–3 weeks before reverting to CSI ABAMECTIN 1.9 CS. Please see the **Resistance Management** section of this label for additional information regarding rotating products.

Note: For CSI ABAMECTIN 1.9 CS to kill aphids, whiteflies, and thrips, it must come in direct contact with the pests.

Application Instructions

To obtain uniform coverage, mix CSI ABAMECTIN 1.9 CS with sufficient water and apply as a foliar spray. Residual control of pests can be improved on field-grown woody ornamentals, Christmas trees, and landscape plants by adding a Horticultural Spray Oil (not dormant oil) at 2–4 qts per 100 gals finished spray (equivalent to 0.5–1.0% of spray volume). To maintain control, repeat application of CSI ABAMECTIN 1.9 CS as necessary, but not sooner than 7 days after previous application. Some plants are sensitive to oils. Therefore, unless prior experience has shown plant safety, the user should apply CSI ABAMECTIN 1.9 CS plus Horticultural Spray Oil mixture on a small

number of plants and observe them for two weeks. If no plant damage is observed, then spray the remaining plants. Excessively warm or cold temperatures following treatment in combination with oils could increase the chances of plant damage. Read and follow label directions for both CSI ABAMECTIN 1.9 CS and any horticultural spray oil product to be used, and do not exceed the maximum rates detailed on either label.

Do not apply CSI ABAMECTIN 1.9 CS in quantities less than 8 fl oz per acre or more than 16 fl oz per acre per application. Use a sufficient quantity of water to obtain thorough coverage on foliage.

Time applications to allow CSI ABAMECTIN 1.9 CS to dry on the treated surface prior to a rain event.

To limit unwanted surface runoff in outdoor ornamental uses, do not apply when growth media is saturated.

Greenhouse-, Shadehouse-, and Field-Grown Ornamentals, Foliage Plants, Christmas Trees, and other Production Woody Ornamentals

Use Rates

Pests	Amount of CSI ABAMECTIN 1.9 CS (fl. oz.) per 100 gals water	Notes
Mites: European Red Mite Two-spotted Spider Mite Carmine Spider Mite Southern Red Mite Spruce Spider Mite Tarsonemid Mites: Cyclamen & Broad Mites Eriophyid Mites: Rust and Bud Mites	4 ^a	For tarsonemid mites, multiple applications to newly developing tissue may be needed to maintain effective control.
Boxwood Leafminer	8	To control mining larvae, apply when adults begin to lay eggs onto new foliage.
<i>Liriomyza</i> Leafminers	8 ^b	Repeat at intervals of 7 days or as needed to maintain effective control.
Aphids, Thrips, & Whiteflies	8	Spray must contact young immatures.

^a For example, apply in 200–400 gals of water per acre. If water volume is less than 200 gals, use a minimum of 8 fl oz per acre. If water volume of 400 gals or more per acre is required for sufficient plant coverage, apply at the maximum rate of 16 fl oz per acre. Another example: if a volume of 650 gals of water is necessary, use 2.5 fl oz per 100 gals.

^b For example, apply in 100–200 gals of water per acre. If water volume is less than 100 gals, use at least 8 fl oz per acre. If water volume of 200 gals or more per acre is required for sufficient plant coverage, apply the maximum rate of 16 fl oz per acre. Another example: if 400 gals of water is necessary, apply 4 fl oz per 100 gals.

Use Restrictions

- Do not apply by air.
- Do not apply more than 16 fl.oz. of CSI ABAMECTIN 1.9 CS (0.019 lbs. abamectin) per acre in a single application.
- Do not apply more than 256 fl. oz. of CSI ABAMECTIN 1.9 CS (0.3 lbs. abamectin) per acre per year.
- Do not use CSI ABAMECTIN 1.9 CS for suppressing thrips, whiteflies and aphids on gerbera, chrysanthemums, and roses, which are primary hosts of *Liriomyza* leafminers and mites controlled by CSI ABAMECTIN 1.9 CS. Additional applications CSI ABAMECTIN 1.9 CS on these plants will increase the selection pressure on mites and *Liriomyza* leafminers, which could produce greater pest tolerance (resistance) to CSI ABAMECTIN 1.9 CS.
- Do not use CSI ABAMECTIN 1.9 CS in citrus nurseries.
- Do not use CSI ABAMECTIN 1.9 CS on ferns or Shasta Daisy, since phytotoxicity may occur on certain species of ferns (e.g., *Adiantum* spp.) and Shasta Daisy (*L. eucanthemum* spp.).
- Do not apply through any type of irrigation system.

CSI ABAMECTIN 1.9 CS is non-phytotoxic on a wide range of ornamental plants. However, since all combinations or sequences of pesticide sprays including surfactants and adjuvants have not been tested, it is recommended that a small area be sprayed first to make certain that no phytotoxicity occurs.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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. Triple rinse (or equivalent) promptly after emptying. 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. Triple rinse as follows:

Nonrefillable Container (five gallons or less): Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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.

Nonrefillable Container (greater than five gallons): 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 application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

CONTROL SOLUTIONS, INC. ® WARRANTY LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop 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 CONTROL SOLUTIONS, INC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of CONTROL SOLUTIONS, INC. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, 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 paid or at CONTROL SOLUTIONS, INC. election, the replacement of product.



CSI ABAMECTIN 1.9 CS

MITICIDE/INSECTICIDE

(ALTERNATE BRAND NAME: ABBA® CS)

(ALTERNATE BRAND NAME QUALI-PRO ABBA® CS)

(Generic Descriptor: Controlled Release Insecticide)

[Optional marketing logo: CapVantage™ Technology]

[Contains abamectin, the active ingredient used in Agri-Mek® 0.15EC

CSI ABAMECTIN 1.9 CS is not manufactured or distributed by Syngenta Crop Protection, Inc.]

[For Indoor use only. For crack and crevice treatment in Commercial, Institutional and Residential Areas : A Broad Spectrum Insecticide Effective Against Ants (excluding harvester ants, red imported fire ants, Pharaoh ants and carpenter ants), Crickets, Mole Crickets, Earwigs, Firebrats, Silverfish, Grain Weevil, Sowbugs, Pillbugs, Litter Beetles, Sawtoothed Grain Beetles, Flour Beetles, Cigarette Beetles and Carpet Beetles.]

INTENDED FOR USE BY COMMERCIAL APPLICATORS OR PEST MANAGEMENT PROFESSIONALS

ACTIVE INGREDIENT:

% BY WT

Abamectin (CAS No. 71751-41-2):1.9%

OTHER INGREDIENTS:98.1%

TOTAL:100.0%

Contains petroleum distillates.

1 gallon contains 0.15 lb. abamectin.

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Manufactured for:

Control Solutions, Inc.

5903 Genoa, Red Bluff

Pasadena, TX 77507

EPA Reg. No. 53883-294

Net Contents: ____ Gallons

EPA Est. No. [REDACTED]

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IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of soap and water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	
Note to physician: Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness), and muscle tremors. Toxicity follows accidental ingestion of the CSI ABAMECTIN 1.9 CS and can be minimized by promptly administering activated charcoal. 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 respiratory functionality) as indicated by clinical signs, symptoms, and measurements. 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.	

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PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes and socks
- Chemical-resistant gloves, made of barrier laminate or butyl rubber ≥ 14 mils
- Protective eyewear

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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treatment area. Use of this product may pose a risk to threatened and endangered species of fish, amphibians, crustaceans (including fresh water shrimp), and insects. All use of this product in the state of California must comply with the directions of the California Endangered Species Project. Before using this product in California, consult with your county agriculture commissioner to determine use limitations that apply in your area.

SURFACE WATER ADVISORY

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a medium potential for reaching both surface water and aquatic sediment via runoff for several weeks to months after application. A level well maintained vegetative buffer strip between areas to which this product is applied and surface water such as ponds, streams and springs will reduce the potential loading of abamectin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Attn: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

DIRECTIONS FOR USE

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

Do not apply through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not reenter treated areas until sprays have dried.

For use in single and multi-family residential buildings, schools, institutional, commercial and industrial facilities (including warehouses, apartments, motels, hotels, hospitals,) and transportation equipment such as aircraft, trains, ships, boats and buses.

PRODUCT INFORMATION

CSI ABAMECTIN 1.9 CS is an encapsulated concentrate suspension, which contains the non-repellent active ingredient abamectin. When applied following label directions, CSI ABAMECTIN 1.9 CS is effective at controlling a wide range of listed insect pests common in interior environments.

After dilution in water, CSI ABAMECTIN 1.9 CS forms a suspension of encapsulated active ingredient. Once diluted in water CSI ABAMECTIN 1.9 CS is not expected to stain or cause damage to most common interior crack and crevices; however, it is still recommended that before a first application is made, treat a small area and allow to dry to determine whether staining or marking will occur.

[Optional:]

[Ants (excluding harvester, Pharaoh, Carpenter and Red Imported Fire Ants)]

[CSI ABAMECTIN 1.9 CS is effective at killing ants (excluding harvester, Pharaoh, Carpenter and Red Imported Fire Ants).]

Kills ants (except harvester, Pharaoh, Carpenter and Red Imported Fire Ants), and other household pests: Crickets, Earwigs, Firebrats, Silverfish, Grain Weevil, Sowbugs, Pillbugs, Litter Beetles, Sawtoothed Grain Beetles, Flour Beetles, Cigarette Beetles and Carpet Beetles.

CSI ABAMECTIN 1.9 CS MIXING AND APPLICATION DIRECTIONS

Target Pests	Amount of CSI ABAMECTIN 1.9 CS Concentrate to Mix* *See Dilution Rate Table Below	Reapplication Interval
Interior		
Ants (except harvester, Pharaoh, Carpenter and Red Imported Fire Ants), Crickets, Mole Crickets, Earwigs, Firebrats, Silverfish, Grain Weevil, Sowbugs, Pillbugs and Beetles (including Litter, Sawtoothed, Grain, Flour, Cigarette and Carpet)	1.0-3.0 fluid ounces per 1,000 ft ²	Reapply 4-8 weeks later with a retreatment interval no less than 4 weeks.

Dilution Rate Table

Application Volume (Gallons of Solutions per 1,000 ft ²)	Application Rate (fluid ounces of CSI Abamectin 1.9 CS per 1,000 sq. ft.)	Spray Tank Volume Fl. Oz. of CSI Abamectin 1.9 CS to Dilute in Water According to Spray Tank Volumes				
		1 gallon	5 gallons	10 gallons	15 gallons	50 gallons
1 gallon	1.0 fl. oz.	1	5	10	15	50
	2.0 fl. oz.	2	10	20	30	100
	3.0 fl. oz.	3	15	30	45	150

Steps When Mixing CSI ABAMECTIN 1.9 CS:

1. Start with a clean hand-held sprayer tank prior to mixing.
2. Add half of the desired volume of water to hand-held sprayer tank.
3. Add the specified amount of [CSI ABAMECTIN 1.9 CS] [product] to water in hand-held sprayer tank (refer to table).
4. Agitate.
5. Add the remaining half volume of water to hand-held sprayer tank filling to the desired volume and agitate again.
6. You are now ready to apply. Agitate hand-held sprayer tank and contents if mixture remains in hand-held sprayer tank for extended periods between applications or without movement.
7. As with most insecticide products, it is best to mix just the amount needed. Use any remaining mix within a day or two

GENERAL USE RESTRICTIONS

- Do not formulate this product into other end-use products without written permission of Control Solutions Inc.
- Keep people and pets away from treated areas until treatment has dried.
- For indoor crack and crevice treatment only. Do not apply a broadcast or general surface application to interior surfaces of residential or commercial structures.

- Do not apply this product outdoors to pets, edible crops, or sources of electricity, including water base sprays of [CSI ABAMECTIN 1.9 CS] [product] in or on electrical equipment due to possible shock hazard.
- At residential sites, all food processing surfaces and utensils in the treatment area must be covered during crack and crevice treatment or thoroughly washed before reuse.
- Do not apply this product in any room while occupied, including hospital rooms, classroom and libraries.
- Do not clean equipment near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with State and local regulations.
- Do not use in food handling establishments
- Do not apply more than 3 fluid ounces of product per 1,000 sq. ft. in a single application.
- Do not apply more than 2 times in an 8-week period.

INDOOR USE ONLY

Ants (except harvester, Pharaoh, Carpenter and Red Imported Fire Ants), **Crickets (including Mole)**, **Earwigs**, **Firebrats**, **Silverfish**, **Grain Weevil**, **Sowbugs**, **Pillbugs**, **Beetles (including Litter, Sawtoothed Grain, Flour, Cigarette and Carpet)**:

Apply [CSI ABAMECTIN 1.9 CS] [product] using a coarse low pressure spray as a crack and crevice treatment that targets active trails, nests, or other infested areas or areas suspected to be infested. . Make crack and crevice applications to pest entry sites, attics, wall voids, under counters and/or around appliances, and along baseboards. . For normal pest infestations, apply CSI Abamectin 1.9 CS as per mixing directions in the table above. For heavy infestations two applications at a higher concentration specified may be necessary. Apply no more than two times within an 8-week period. Create crack and crevice spray by mixing 1.0-3.0 fl. oz. of CSI Abamectin 1.9 CS per gallon of water. Apply this crack and crevice mixture at a rate of 1.0 gallon per 1,000 ft². See Application Mixing Directions table above.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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. Triple rinse (or equivalent) promptly after emptying. 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. Triple rinse as follows:

Nonrefillable Container (five gallons or less): Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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.

Nonrefillable Container (greater than five gallons): 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 application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

**CONTROL SOLUTIONS, INC. ® WARRANTY
LIMITATION OF WARRANTY AND LIABILITY**

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop 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 CONTROL SOLUTIONS, INC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of CONTROL SOLUTIONS, INC. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, 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 paid or at CONTROL SOLUTIONS, INC. election, the replacement of product.