

CheckMite + Foil Pouch text



CheckMite +

Beehive Pest Control Strip

COMMERCIAL

IMPREGNATED FABRIC

READ THE LABEL AND LEAFLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: Coumaphos.....10%

WARNING, CONTAINS THE ALLERGEN SOY



DANGER

POISON

REGISTRATION No. 27147 PEST CONTROL PRODUCTS ACT

Any unused strips that remain after treatment should be returned to the opened pouch, placed in a re-sealable bag and returned to the original container.

NET CONTENTS: 10 Strips

Bayer Inc.
Animal Health Division
77 Belfield Road
Toronto, ON M9W 1G6



GROUP

1B

INSECTICIDE

CHECKMITE +

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For Control of Varroa Mites and Small Hive Beetle in Honey Bee Colonies

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NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE:

See the printed leaflet provided with this container.

PRECAUTIONS:

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Fatal if ingested and may be fatal if inhaled. Do not ingest, get on skin, clothing or eyes and avoid breathing vapours. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before use. If this pest control product is to be used on a commodity that may be exported to the U. S. and you require information on acceptable residue levels in the U. S. visit CropLife Canada's website at www.croplife.ca

FIRST AID:

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If chewed or swallowed: Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

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

If in eyes: Hold eyes 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 centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION:

Coumaphos is a cholinesterase inhibitor. Typical symptoms of overexposure to cholinesterase inhibitors include headache, nausea, dizziness, sweating, salivation, runny nose and eyes. This may progress to muscle twitching, weakness, tremor, incoordination, vomiting, abdominal cramps and diarrhea in more serious poisonings. A life-threatening poisoning is signified by loss of consciousness, incontinence, convulsions and respiratory depression with a second cardiovascular component. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as Pralidoxime Chloride, may be therapeutic if used early; however, use only in conjunction with atropine. In cases of severe acute poisonings, use antidotes immediately after establishing an open airway and respiration. With oral exposure, the decision of whether to include vomiting or not should be made by the attending physician.

ENVIRONMENTAL HAZARDS:

TOXIC to birds and aquatic organisms. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by disposal of used strips and packaging.

STORAGE:

To prevent contamination, store this product away from water, food or feed. Keep the strips in original, unopened package until ready to use. Any unused strips that remain after treatment should be returned to the opened pouch, placed in a resealable bag and returned to the original container. Do not store in direct sunlight. Do not store unused strips in anything but original package. Do not store unused strips near pesticides or other chemical substances that could contaminate the strips and result in bee toxicity. Do not reuse the strips.

DISPOSAL:

Dispose of packaging (foil wrap) and the used strips in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.



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DIRECTIONS FOR USE:

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that CheckMite + Beehive Pest Control Strip contains a Group 1B insecticide. Any insect population may contain individuals naturally resistant to CheckMite + Beehive Pest Control Strip and other Group 1B insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same location.

Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of CheckMite + Beehive Pest Control Strip or other Group 1B insecticides with different groups that control the same pests.
- Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Correctly identify the pest and ensure economic and agronomic thresholds are met before treatment.
- Monitor treated pest populations for resistance development.
- 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 Bayer Animal Health at 1800 622 2937, extension 4920.

FOR VARROA MITE TREATMENT

To control varroa mite, remove honey supers before application of CheckMite+ Strips and DO NOT REPLACE UNTIL 14 DAYS AFTER THE STRIPS ARE REMOVED. Use one strip for each five combs of bees in each brood chamber (Langstroth deep frames or equivalent in other sizes). Hang the strips in separate spaces between the combs as near the center of the bee/brood cluster as possible. If two deep brood chambers are used for the brood nest, hang the CheckMite+ Strips in both the top and bottom brood chambers.

Treat all infested colonies within the yard. The treatment is most effective when brood rearing is lowest. Effective control may be achieved by treating hives in the spring before the first honey flow and in the fall after the last honey flow. Leave the strips in the hive for a minimum of 42 days and a maximum of 45 days. Do not treat the same colony more than twice a year. Honey supers may be replaced 14 days after the strips are removed. Consult provincial guidelines for more information on varroa control.

Treatments must be applied at a time when bees are not producing a surplus honey crop. Chemical resistant gloves must be worn when handling the strips. **DO NOT** use leather gloves (i.e.: leather beekeeping gloves) when handling this product. Just before application, remove the required number of CheckMite+ Strips from the pouch. Unused strips should remain in original package. Do not treat the same colony with coumaphos more than twice a year. Check Mite + is not recommended for use in honey bee colonies that are used as cell builders for producing queens.

MINOR USES:

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS (BELOW): The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Bayer and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Bayer itself makes no representation or warranty with respect to performance (efficacy) or tolerance claims for this product when used for detection/control of small hive beetles in beehives. Accordingly, the Buyer and User assume all risks related to performance and tolerance arising, and agree to hold Bayer harmless from any claims based on efficacy or tolerance in connection with the uses described below.

FOR SMALL HIVE BEETLE DETECTION AND CONTROL:

Treatments must be applied at a time when bees are not producing a surplus honey crop and honey supers have been removed. Use one strip of CheckMite+ per hive. Remove honey super before the application of Checkmite+ strips. **DO NOT REPLACE HONEY SUPERS UNTIL 14 DAYS AFTER THE STRIPS ARE REMOVED.** Chemical resistant gloves must be worn when handling the strips or the prepared cardboard inserts with the attached strips. **DO NOT** use leather gloves (i.e.: leather beekeeping gloves) when handling this product. Just before application, remove the required number of CheckMite + strips from the pouch. Unused strips should remain in the original package.

Prepare a piece of corrugated cardboard by peeling off and removing the surface of one side to expose the flutes within the cardboard. Then cut the cardboard to approximately 22.5 cm along the flutes by 10 cm wide (across the flutes). Tape over the smooth side of the cardboard (the side opposite the strips) with duct tape, shipping tape or similar tape to prevent the bees from chewing and removing cardboard, or use one-sided plastic corrugated sheets. Staple one strip of CheckMite+ onto the centre of the corrugated side of the cardboard.

Place cardboard insert fitted with CheckMite+ strips as near the centre of the bottom board as possible with the strip facing down, parallel to the width of the hive. Make sure the bottom board is clean and the insert lays flat on the bottom board. This allows the beetles to walk through the tunnels, but it prevents the bees from walking under the insert and being exposed to Checkmite+. For detection, leave the strips in the hive for one week, then check for the presence of dead beetles. For treatment, leave the strips in the hive for a minimum of 42 days and a maximum of 45 days. **DO NOT TREAT THE SAME COLONY WITH COUMAPHOS MORE THAN TWICE A YEAR.** Honey supers may be replaced 14 days after strips are removed.

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This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.