

2022-0231
2022-01-31

CheckMite +
Insert (English)

<Elanco Logo>

GROUP	1B	INSECTICIDE
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CHECKMITE +

Beehive Pest Control Strip

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

COMMERCIAL

IMPREGNATED FABRIC

GUARANTEE: Coumaphos 10%

REGISTRATION No. 27147 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND LEAFLET BEFORE USING

WARNING, CONTAINS THE ALLERGEN SOY

KEEP OUT OF REACH OF CHILDREN



DANGER

POISON

NET CONTENTS: (10 Strips)

Elanco Canada Limited
1919 Minnesota Court, Suite 401
Mississauga, Ontario L5N 0C9

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43 PRECAUTIONS:

44

45 HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

46 DANGER. Fatal if ingested and may be fatal if inhaled. Do not ingest, get on skin,
47 clothing or eyes and avoid breathing vapours. Wash thoroughly with soap and
48 warm water after handling.

49 Wash contaminated clothing with soap and hot water before use.

50 If this pest control product is to be used on a commodity that may be exported to
51 the U. S. and you require information on acceptable residue levels in the U. S. visit
52 CropLife Canada's website at www.croplife.ca

53

54 FIRST AID:

55

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

58 If chewed or swallowed: Call a poison control centre or doctor immediately for
59 treatment advice. Have person sip a glass of water if able to swallow. Do not induce
60 vomiting unless told to do so by a poison control centre or doctor. Do not give
61 anything by mouth to an unconscious person. If on skin or clothing: Take off
62 contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
63 Call a poison control centre or doctor for treatment advice.

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

67 If in eyes: Hold eyes open and rinse slowly and gently with water for 15-20 minutes.
68 Remove contact lenses, if present, after the first 5 minutes, then continue rinsing
69 eye. Call a poison control centre or doctor for treatment advice.

70

71 TOXICOLOGICAL INFORMATION:

72

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

86

87 ENVIRONMENTAL HAZARDS:

88

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

91
92 DIRECTIONS FOR USE:

93
94 RESISTANCE-MANAGEMENT RECOMMENDATIONS

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

100
101 Other resistance mechanisms that are not linked to site of action but are specific for
102 individual chemicals, such as enhanced metabolism, may also exist. Appropriate
103 resistance-management strategies should be followed.

104 To delay insecticide resistance:

- 105 • Where possible, rotate the use of CheckMite + Beehive Pest Control Strip or
106 other Group 1B insecticides with different groups that control the same pests.
- 107 • Insecticide use should be based on an IPM program that includes scouting,
108 record keeping, and considers cultural, biological and other chemical control
109 practices.
- 110 • Correctly identify the pest and ensure economic and agronomic thresholds
111 are met before treatment.
- 112 • Monitor treated pest populations for resistance development.
- 113 • Contact your local extension specialist or certified crop advisors for any
114 additional pesticide resistance-management and/or IPM recommendations for
115 the specific site and pest problems in your area.
- 116 • For further information or to report suspected resistance contact Elanco
117 Canada Limited at 1-800-265-5475.

118
119 FOR VARROA MITE TREATMENT

120
121 To control varroa mite, remove honey supers before application of CheckMite+
122 Strips and DO NOT REPLACE UNTIL 14 DAYS AFTER THE STRIPS ARE
123 REMOVED. Use one strip for each five combs of bees in each brood chamber
124 (Langstroth deep frames or equivalent in other sizes). Hang the strips in separate
125 spaces between the combs as near the center of the bee/brood cluster as possible.
126 If two deep brood chambers are used for the brood nest, hang the CheckMite+
127 Strips in both the top and bottom brood chambers.

128
129 Treat all infested colonies within the yard. The treatment is most effective when
130 brood rearing is lowest. Effective control may be achieved by treating hives in the
131 spring before the first honey flow and in the fall after the last honey flow. Leave the
132 strips in the hive for a minimum of 42 days and a maximum of 45 days. Do not treat
133 the same colony more than twice a year. Honey supers may be replaced 14 days

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134 after the strips are removed. Consult provincial guidelines for more information on
135 varroa control.

136
137 Treatments must be applied at a time when bees are not producing a surplus honey
138 crop. Chemical resistant gloves must be worn when handling the strips. DO NOT use
139 leather gloves (i.e.: leather beekeeping gloves) when handling this product. Just before
140 application, remove the required number of CheckMite+ Strips from the pouch. Unused
141 strips should remain in original package. Do not treat the same colony with coumaphos
142 more than twice a year. Check Mite + is not recommended for use in honey bee
143 colonies that are used as cell builders for producing queens.

144
145 **MINOR USES:**

146
147 **NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR**
148 **THE INDICATED SPECIAL USE APPLICATIONS (BELOW):** The DIRECTIONS FOR
149 USE for this product for the uses described below were developed by persons other
150 than Elanco and accepted for registration by Health Canada under the User Requested
151 Minor Use Label Expansion program. Elanco itself makes no representation or
152 warranty with respect to performance (efficacy) or tolerance claims for this product
153 when used for detection/control of small hive beetles in beehives. Accordingly, the
154 Buyer and User assume all risks related to performance and tolerance arising, and
155 agree to hold Elanco harmless from any claims based on efficacy or tolerance in
156 connection with the uses described below.

157
158 **FOR SMALL HIVE BEETLE DETECTION AND CONTROL:**

159
160 Treatments must be applied at a time when bees are not producing a surplus honey
161 crop and honey supers have been removed. Use one strip of CheckMite+ per hive.
162 Remove honey super before the application of Checkmite+ strips. DO NOT
163 REPLACE HONEY SUPERS UNTIL 14 DAYS AFTER THE STRIPS ARE
164 REMOVED. Chemical resistant gloves must be worn when handling the strips or the
165 prepared cardboard inserts with the attached strips. DO NOT use leather gloves (i.e.:
166 leather beekeeping gloves) when handling this product. Just before application,
167 remove the required number of CheckMite + strips from the pouch. Unused strips
168 should remain in the original package.

169
170 Prepare a piece of corrugated cardboard by peeling off and removing the surface of
171 one side to expose the flutes within the cardboard. Then cut the cardboard to
172 approximately 22.5 cm along the flutes by 10 cm wide (across the flutes). Tape over
173 the smooth side of the cardboard (the side opposite the strips) with duct tape,
174 shipping tape or similar tape to prevent the bees from chewing and removing
175 cardboard, or use one-sided plastic corrugated sheets. Staple one strip of
176 CheckMite+ onto the centre of the corrugated side of the cardboard.

177
178 Place cardboard insert fitted with CheckMite+ strips as near the centre of the bottom
179 board as possible with the strip facing down, parallel to the width of the hive. Make

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180 sure the bottom board is clean and the insert lays flat on the bottom board. This
181 allows the beetles to walk through the tunnels, but it prevents the bees from walking
182 under the insert and being exposed to Checkmite+. For detection, leave the strips in
183 the hive for one week, then check for the presence of dead beetles. For treatment,
184 leave the strips in the hive for a minimum of 42 days and a maximum of
185 45 days. DO NOT TREAT THE SAME COLONY WITH COUMAPHOS MORE THAN
186 TWICE A YEAR. Honey supers may be replaced 14 days after strips are removed.

187

188 **STORAGE:**

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

196

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

201

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

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**CheckMite +
Carton (English)**

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CHECKMITE +

Beehive Pest Control Strip

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

COMMERCIAL
IMPREGNATED FABRIC
GUARANTEE: Coumaphos 10%

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WARNING, CONTAINS THE ALLERGEN SOY

KEEP OUT OF REACH OF CHILDREN



DANGER

POISON

NET CONTENTS: (10 Strips)

Elanco Canada Limited
1919 Minnesota Court, Suite 401
Mississauga, Ontario L5N 0C9

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251 DIRECTIONS FOR USE:

252 See the printed leaflet provided with this container.

253

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269 to an unconscious person.

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271 of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

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284 life-threatening poisoning is signified by loss of consciousness, incontinence,
285 convulsions and respiratory depression with a second cardiovascular component. Treat
286 symptomatically. If exposed, plasma and red blood cell cholinesterase tests may
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289 used early; however, use only in conjunction with atropine. In cases of severe acute
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291 With oral exposure, the decision of whether to include vomiting or not should be made
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CheckMite +
Foil Pouch (English)

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Beehive Pest Control Strip

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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

Elanco Canada Limited
1919 Minnesota Court, Suite 401
Mississauga, Ontario L5N 0C9