



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR 09 2006

New York State Department of Environmental Conservation
Bureau of Pesticides Management
625 Broadway
Albany, New York 12233-7254

Attn: Cyndi Crowley
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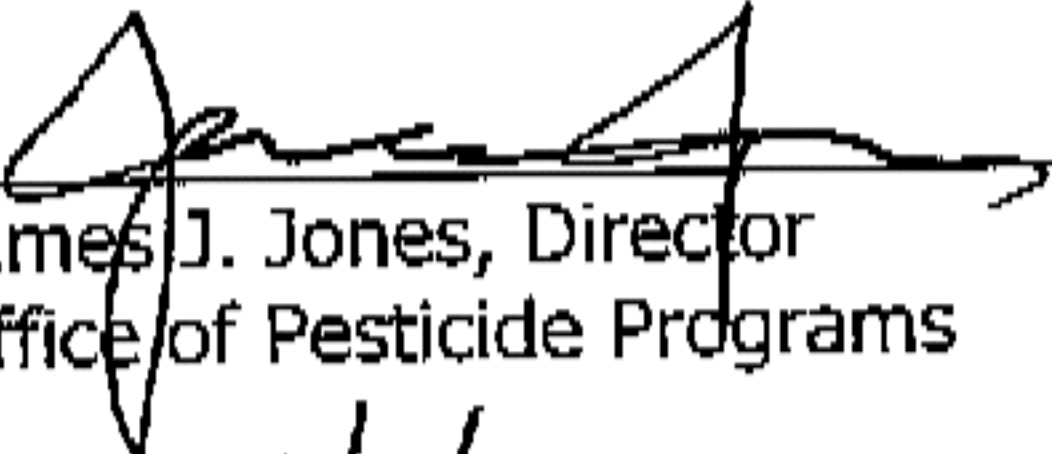
FINAL REPORT DUE: August 1, 2007
EXPIRATION DATE: February 1, 2007
FILE SYMBOL: 06-NY-06

The U.S. Environmental Protection Agency (EPA) hereby grants a specific exemption under the provisions of section 18 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to the New York Department of Environmental Conservation for the use of coumaphos impregnated in plastic strips to be hung in beehives to control varroa mites (*Varroa spp.*) and small hive beetles (*Aethina tumida*). This specific exemption is subject to the conditions and restrictions set forth in your application as well as the following:

1. The New York Department of Environmental Conservation is responsible for ensuring that all provisions of this specific exemption are met. It is also responsible for providing information in accordance with 40 Code of Federal Regulations (CFR) §166.32. Accordingly, a report summarizing the results of this program must be submitted to EPA Headquarters and the EPA Region 2 office by August 1, 2007 or prior to requesting another specific exemption for this use.
2. The product Checkmite+ Bee Hive Pest Control Strip, containing 10% coumaphos (currently there is no EPA Registration number) may be used. All applicable directions, restrictions and precautions on the proposed product label submitted by the state must be followed.
3. A maximum of 100,000 Checkmite+ Strips may be used.
4. Treatments must be applied at a time when bees are not producing a surplus honey crop.
5. Modify the personal protective equipment (PPE) section of the label by replacing 'waterproof gloves' with the following instructions based on category A of an EPA chemical resistance category selection chart: "Chemical resistant gloves (water-based formulation) must be used when handling strips."
6. Checkmite+ is not recommended for use in honey bee colonies that are used as cell builders for producing queens.

7. To control varroa mite, remove honey supers before application of CheckMite+ Strips and do not replace supers 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. For maximum efficacy leave the strips in the hive for at least 42 days (six weeks). Do not leave strips in hive for more than 45 days. Do not treat more than twice a year for varroa mites. Honey supers may be replaced 14 days after strips are removed.
8. To control the small hive beetle, remove honey supers before application of CheckMite+ Strips and do not replace until 14 days after the strips are removed. Prepare a piece of corrugated cardboard approximately 4x4 inches by removing one side. Remove one CheckMite+ Strip. Cut strip in half crossways and staple the two pieces to the corrugated side of the cardboard. 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 the cardboard. Or use one sided plastic corrugated sheets. Place cardboard as near to the center of the bottom board as possible with the strips down. Make sure the bottom board is clean and the strips lay flat on the bottom board. For maximum efficacy leave the strips in the hive for at least 42 days (six weeks). Do not leave strips in hive for more than 45 days. Do not treat more than four times per year for the small hive beetle. Honey supers may be replaced 14 days after strips are removed.
9. Based on residue data submitted to the Agency by Bayer Corporation, coumaphos residues are not expected to exceed 0.1 part per million (ppm) in honey and 100 ppm in honeycomb. The Agency has determined that these residue levels are adequate to protect the public health. Time-limited tolerances at these levels have been established and will expire December 31, 2007.
10. Adequate enforcement methodology (LC/MS/MS) is available to enforce the tolerance expression. The method for honey is Bayer Method 150.803 and for honeycomb is Bayer Method 150.804. Either method may be requested from: Calvin Furlow, PRRIB, IRSD (7502C), Office of Pesticide Programs, Environmental Protection Agency, 1200 Pennsylvania Ave., NW, Washington, DC 20460; telephone number: (703) 305-5229; e-mail address: furlow.calvin@epa.gov.
11. The EPA Headquarters and EPA Region 2 offices shall immediately be informed of any adverse effects resulting from the use of this pesticide in connection with this exemption.
12. The use of coumaphos impregnated plastic strips to be hung in beehives to control varroa mite and small bee hive beetle is not expected to have any adverse effects on the environment since it is considered an indoor use.
13. Coumaphos treatments can be made until February 1, 2007.

Any future correspondence in connection with this authorization shall refer to file symbol 06-NY-06.


James J. Jones, Director
Office of Pesticide Programs
Date: 3/9/06

cc: EPA Region 2
Adrian Enache
PHONE: 732-321-6769
FAX: 732-321-6771

U.S. FDA
Donna Porter
Division of Field Science (HFC-141)
5600 Fishers Lane
Rockville, MD 20857
Phone: 301-443-3320

Sonia Delgado
FDA, Center for Food Safety and Applied Nutrition
Case Processing Branch (HF5-607)
200 C Street S.W.
Washington, D.C. 20204
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fax: 202-260-0133

ASTHO Representative
New York State Department of Health
Corning Tower Building, Empire State Plaza Rm#1482
Albany, New York 12237



For Use Only Under Section 18 Authorization

For Control of Varroa Mites and Small Hive Beetles in Honeybee Colonies

For use only as authorized in **NEW YORK** by the U.S. Environmental Protection Agency (EPA) under section 18 of F.I.F.R.A. This labeling must be in the possession of the user at the time of application. **This labeling expires February 1, 2007.**

NEW YORK File Symbol: 06-NY-06

	<u>Percent by Weight</u>
Active Ingredient: 0,0-Diethyl 0-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) phosphorothioate (coumaphos)	10%
Inert Ingredients:	90%
Total	100%

KEEP OUT OF REACH OF CHILDREN

WARNING

**SEE LABELING FOR STATEMENTS OF PRACTICAL TREATMENT
AND OTHER PRECAUTIONARY STATEMENTS**

NET CONTENTS: 10 Strips

Bayer HealthCare LLC
Animal Health Division
P.O. Box 390
Shawnee Mission, Kansas 66201 U.S.A.

EPA Est. Numbers: 4691-KS-1; 11556-DEU-1

ACCEPTED

MAR 13 2006

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
PESTICIDE PRODUCT REGISTRATION



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

WARNING

Do not chew or swallow. Causes moderate eye irritation. Avoid contact with skin, clothing or eyes. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before use.

STATEMENTS OF PRACTICAL TREATMENT

If chewed or swallowed: Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation appears.

If in eyes: Flush eyes with plenty of water. Call a physician immediately.

To Physician: Atropine sulfate by injection is antidotal. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish and aquatic invertebrates. Do not apply directly to any body of water. Do not contaminate water when disposing of used strips.



Directions for Use

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

Treatments must be applied at a time when bees are not producing a surplus honey crop. Chemical resistant gloves (water-based formulation) must be worn when handling the strips. Just before application, remove the required number of CheckMite+ Strips from the pouch. Unused strips should remain in original package.

CheckMite+ is not recommended for use in honey bee colonies that are used as cell builders for producing queens.

Do not treat more than twice a year for varroa mites nor more than four times a year for the small hive beetle.

For Varroa 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. For maximum efficacy leave the strips in the hive for at least 42 days (six weeks). **Do not leave the strips in hive for more than 45 days. Do not treat more than twice a year for varroa mites. Honey supers may be replaced 14 days after the strips are removed.**

For Small Hive Beetle Treatment : To control the small hive beetle, remove honey supers before the application of CheckMite+ Strips **and do not replace until 14 days after the strips are removed.** Prepare a piece of corrugated cardboard approximately 4x4 inches by removing one side. Remove one CheckMite+ Strip. Cut strip in half crossways and staple the two pieces to the corrugated side of the cardboard. 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 the cardboard. Or use one sided plastic corrugated sheets. Place cardboard as near the center of the bottom board as possible with the strips down. Make sure the bottom board is clean and the strips lay flat on the bottom board. For maximum efficacy leave the strips in the hive for at least 42 days (six weeks). **Do not leave the strips in hive for more than 45 days. Do not treat more than four times per year for the small hive beetle. Honey supers may be replaced 14 days after the strips are removed.**



Storage & Disposal: Do not contaminate water, food or feed by storage or disposal. Keep the strips in original, unopened package until ready to use. 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. Securely wrap the strips and/or container packaging in several layers of newspapers and dispose in a sanitary land fill.

**LIMITED WARRANTY AND
LIMITATION OF DAMAGES**

Bayer HealthCare LLC, Animal Health Division warrants that this material conforms to the chemical description on the label. BAYER HEALTHCARE LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY, and no agent of Bayer HealthCare LLC is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.