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STATE PLANT
BOARD

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NOTICE OF EMERGENCY EXEMPTION FOR THE USE OF *ApiLife* VAR TO CONTROL VARROA MITES IN BEE HIVES
February 19, 2004

The Environmental Protection Agency has granted a specific exemption under the provisions of Section 18 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to the Arkansas State Plant Board for the use of *ApiLife* VAR (thymol) for the control of varroa mites in bee hives. **Applicators must be in possession of the *ApiLife* VAR Emergency Exemption Labeling at the time of application.** All applicable directions, restrictions, and precautions on the product label must be followed.

Applications can be made in any season (spring, summer, fall, winter) in which all applicable restrictions, precautions, and directions for use can be followed. **Do not use when surplus honey supers are in place.** Use when daily temperatures are between 59° F and 69° F. **Do not use *ApiLife* Var at temperatures above 90° F.**

Applicators must use a NIOSH approved dust/mist filtering respirator (with any N, R, P, or HE filter) when handling tablets.

Two treatments per year may be made. A treatment (3 tablets) consists of the following:

Take one tablet and break into four equal pieces. Place pieces on the top corners of the hive body. Avoid placing pieces directly above the brood nest. After 7-10 days, replace with a fresh tablet broken into pieces as above. Repeat procedure again, 7-10 days later and leave last tablet for 12 days. After 12 days, remove residuals from the colony.

To prevent the bees from gnawing the tablet, either enclose each piece of tablet in an envelope of screen wire (8 mesh/inch) or place the uncovered pieces above a sheet of metal screen that prevents bees from contacting it.

Remove *ApiLife* Var tablets from hive at least 1 month (30 days) prior to harvesting honey.

Do not use during honeyflows.

Do not harvest honey from brood chambers or colony feed supers.

A report of each application made under the Exemption must be filed with the Plant Board within 10 days of the time the strips are placed in the hives. The following format is suggested for use by the applicator so the information required by the EPA will be provided:

THIS INFORMATION IS NOT TO BE REPORTED ON PINK FORM NUMBER 1007.

REPORT OF *ApiLife* VAR APPLICATION TO BEE HIVES

Applicator's Name:
Applicator's Address:
Farmer's Name:
Farmer's Address:
Number of Hives Treated:
Number of Tablets Used per Hive:
Location of Hives:
Time and Date of Application:

Reports may be mailed to: Arkansas State Plant Board-Pesticide Division, PO Box 1069, Little Rock, AR 72203-1069, or faxed to: (501)-312-7053.

THIS EXEMPTION EXPIRES NOVEMBER 8, 2004

SECTION 18 EMERGENCY EXEMPTION

IN THE STATE OF
API LIFE VAR

FOR USE IN HONEYBEE COLONIES

FOR THE SUPPRESSION OF VARROA MITES

Active Ingredient:	BY WEIGHT
Thymol	74.08%
Eucalyptus oil.. . . .	16.00%
L-Menthol.....	3.70%
Other ingredients.....	6.22%
Total.....	100.00%

NET WEIGHT: two tablets (22 g)

Effective Date:
Expiration date: November 8, 2004
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
• This label must be in the possession of the user at the time of application.

File symbol:

CHEMICALS LAIF
Viale dell' Artigianto, 13
35010 VIGONZA (PD) ITALY

Before using this product read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within 30 days of purchase to the place of purchase.

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

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.)

FIRST AID

If swallowed:	If swallowed: Call poison control center 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 center or doctor. Do not give anything by mouth to an unconscious person.
If inhaled:	If inhaled: 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 poison control center or doctor for treatment advice.
If on skin or clothing:	If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.
If in eyes:	If in eyes: 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 poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-233-7929 for information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage and skin irritation. Harmful if swallowed, absorbed through skin, or inhaled. Avoid breathing vapors. Do not get in eyes, on skin or on clothing. Use a NIOSH approved dust/mist filtering respirator (with any N,R,P or HE filter) when handling tablets. Wear protective eyewear (face shield) and chemical-resistant gloves [comparable beekeeping equipment (eg: beekeeping gloves, bee veil with goggles or safety glasses) and bee suits may be used as personal protective equipment]. Wash thoroughly with soap and water after the completion of activities that include handling this product and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE after the completion of operations that include handling this product. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Any adverse effects resulting from the use of Api Life Var under this emergency exemption must be immediately reported to the State Agency responsible for enforcing this exemption.

GENERAL USE INFORMATION

The API LIFE VAR formulation of Thymol is formulated as an evaporating tablet. Tablets are sealed in polyethylene type bags. When used as directed API LIFE VAR provides suppression of Varroa mite in colonies of honey bees.

Applications of API LIFE VAR may be made in any season (spring/summer/fall/winter) in which all applicable restrictions, precautions and directions for use can be followed.

Do not use when honey supers are in place to prevent excessive residues in marketable honey or wax by unwanted residues. Use when average daily temperatures are between 59°F and 69°F. Do not apply the treatment when bees are robbing.

Colony Treatment (8 to 20 full- size Langstroth frames or equivalent)

Two treatments per year may be made. A treatment (3 tablets) consists of the following:

Take one tablet and break into four equal pieces. Place pieces on the top corners of the hive body. Avoid placing pieces directly above the brood nest. After 7-10 days, replace with a fresh tablet broken into pieces as above. Repeat procedure again, 7-10 days later and leave last tablet for 12 days. After 12 days remove residuals from colony.

To prevent the bees from gnawing the tablet, either enclose each piece of tablet in an envelope of screen wire (8 mesh/inch), or place the uncovered pieces above a sheet of metal screen that prevents bees from contacting it.

RESTRICTIONS:

Remove Api Life VAR tablets from hive at least 1 month (30 days) prior to harvesting the honey.

Do not use during honey flows.

Do not use when surplus honey supers are installed on the hives.

Do not harvest honey from brood chambers or colony feed supers.

Do not use API LIFE VAR at temperatures above 90°F.

NOTES:

- Use of API LIFE VAR is most effective when less sealed brood is present.
- At higher concentrations, thymol residues may impart off-flavors to honey. To minimize residues, carefully follow all label directions and restrictions. The potential for off-flavors can be further reduced by increasing the PHI and/or by delaying the replacement of surplus honey supers after the treatment is completed.
- The use of API LIFE VAR at average daily temperatures below 54°F may result in less control of Varroa mites.
- The use of Api Life VAR at higher than recommended temperatures (over 90°F) may increase the potential for brood or bee mortality. Closely adhering to the label directions will minimize adverse effects. The benefits of Varroa mite control will usually greatly exceed the effects of limited mortality. However, since not every possible combination of colony and environmental conditions have been replicated in experimental trials, beekeepers should follow all directions and

- monitor colonies for unusual conditions or signs of colony stress.
- For best results, the colony should be as compact as possible during treatment. Combine weak colonies before treatment.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

STORAGE: Store in original containers in cool, dry, isolated, well-ventilated area away from heat, sparks, and open flame. Do not eat, drink, or smoke in areas of use or storage. Do not store in houses or other areas where vapors could accumulate. API LIFE VAR is not affected by freezing, so it may be stored in unheated areas.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If pesticide cannot be used according to label instructions and must be disposed of, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Do not reuse empty pouch. Offer for recycling or dispose of in sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE AND WARRANTY

Chemicals Laif makes no warranty or guarantee of any kind, expressed or implied, concerning effects of use of this product, other than those specified on this label. Buyer or user accepts all responsibility for results due to misuse or improper handling of this product.

Report of Section 18 Application

Pesticide: ApiLife VAR

Applicator's Name: _____

Applicator's Address: _____

Farmer's Name: _____

(May be left blank if same as Applicator's Name)

Farmer's Address: _____

(May be left blank if same as Applicator's Address)

Number of Hives Treated: _____

Tablets er Hive: _____

Location of Hives: _____

Date of Application: _____

(List date the strips were placed in the hive)

Time of Application: _____

Mail reports to the Arkansas State Plant Board, PO Box 1069, Little Rock, AR 72203
or Fax to (501) 312-7053. Reports must be submitted within **10 days** of application.