FEB 2 0 1985

Gerald Rosebery, Ph.D. Agrichemicals Division Pennwalt Corporation Three Parkway Philadelphia, PA 19102

Dear Dr. Rosebery:

Amendment - Revised Final Printed Labeling and Subject: Additional Product Chemistry Data EPA Accession No. 254790 Rnox-Out 2FM Insecticide EPA Registration No. 4581-335 Your Application Dated September 14, 1984

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling.

- 1. Any reference to "general use" classification must be removed from the subject product's labeling. "General Use" as a classification is no longer deemed valiid by the Agency, even when products are not subject to restricted use as in the case of the subject product. If a product is classified for restricted use, the classification notifies individuals that the chemical may be applied only by or under the direct supervision of a certified applicator. The absence of a restricted use classification clearly implies that the aforementioned restriction does not apply to a particular pesticide, or its uses. A second classification for general use is theraby unnecessary and should not appear on the subject labe .ing.
- 2. The supplemental label should identify the 11 Wastern states where the product may be used as a yellow jacket bait. Also this change should be made for the labeling for EPA Reg. No. 4581-350.

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Submit five (5) copies of your revised final printed labeling before you release the product for shipment with the amended labeling.

A stamped copy of the label is enclosed for your records.

The additional chemistry data are acceptable, and have been included in our files.

Sincerely yours,

George T. LaRocca Product Manager (15) Insecticide-Rodenticide Branch Registration Division (TS-767)

Enclosure

# USE FOR CONTROL OF YELLOWJACKETS IN THE 11 CONTIGUOUS WESTERN STATES ONLY

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For the control of scavenger yellowjackets (Vespula per Ivivanica, V. vulgaris), apply KNOX OUT 2 FM as a bait as described below

### BAIT PREPARATION AND DISPENSER DISTRIBUTION

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Mix only enough both for moned aterpole in the decret content of dispensions. Additional to each of premain put of reaching at a firmidway between two container to the result for a content of the above on the other dispension preferably an absolute per process from the protected. For best results, use 3 to 4 dispension per across page of them about 100 feet apart.

# REAPPLICATION AND BAIT LONGEVITY

Replensh dispensers with fresh traction long as personal architecture. Unused bat will probably be anattractive to previous was well after 2 days in specials, if temperatures are above 90% in piece, ble stir bat once each day before yellow as well at 1.15 temperature for bring fresh bat to the surface of personal well religious pear in late summer inequal the area.

Properly dispose of any unused or state hat 10 or thread dispensers for any other purpose.

# **BAIT ATTRACTIVENESS**

Aftractiveness of barts to yellowjackets is highly variable and ordependent on such factors as stage of reproductive cycle. Type of bait quality of bartlets. Before using KNOX OUT 2.6M to recommended that bait preference be determined by placing several candidate barts in a tocation where yellowjacket activity is occurring. By observing the visitation frequency for a short time preference will become apparent.

# In a four to six ounce non food container with a removable top, drill three to six holes $s_{ij}$ to $s_{ij}$ in diameter around the top of container and two small holes (for attaching wire) in the top

## **BAIT SOURCES AND SUGGESTIONS**

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**Canned Pet Foods**: Call feed containing fish is generally the most affective thair although meat and proofing products obtailly are solution.

Fresh Meat. Fish, and Poultry Hamburger or names in generally the most attractive than The helected product should be selected unto the red color barns, disappears. Some product select salmon, we retain a red selected attended to remove the greater strong the greater strong to remove the greater strong the greater stron

Canned Meat, Fish, Poultry, and Processed Meats (Many cold) lets lets. These products are offer any paractive to yellow ackets and mend not be conseed.

Read and follow all precautionary statements on the product label

# **ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water and wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees.

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Sincerely yours,

George T. LaRocca Product Manager (15) Insecticide-Rodenticide Branch Registration Division (TS-767)

Enclosure

# USE FOR CONTROL OF YELLOWJACKETS IN THE 11 CONTIGUOUS WESTERN STATES ONLY

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

For the control of scavenger yellowjackets (Vespula pensylvanica, V. vulgaris), apply KNOX OUT 2 FM as a bait as described below.

# **BAIT PREPARATION AND DISPENSER DISTRIBUTION**

To about 3 ounces (6 revel tablespoons) of the preferred bait, additive teaspoon of KNOX OUT 2 FM. This amount of bait is sufficient for one dispenser. Do not mix more than the recommended amount of KNOX OUT 2 FM to the desired bait, or yellowjacket avoidance may occur.

Mix only enough bait for immediate use in the desired number of dispensers. Add bait to each dispenser until it reaches about midway tiefween the container bottom and the access holes. Hang the dispenser iprelerably in a sunny location, from tree limb or other suitable support around the periphery of the area to be protected. For best results, use 3 to 4 dispensers per acre, or place them, about 100 feet apart.

# REAPPLICATION AND BAIT LONGEVITY

Replenish dispensers with fresh bait as long as yellowjackets are present. Unused bait will probably be unattractive to yellowjackets after 2 days, especially if temperatures are above 90°F. If possible, stir bait once each day before yellowjacket activity begins in order to bring fresh bait to the surface. If pest yellowjackets reappear in tate summer, retreat the area.

Properly dispose of any unused or stale bait. Do not reuse dispensers for any other purpose

# **BAIT ATTRACTIVENESS**

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Attractiveness of baits to yellowjackets is highly variable and is dependent on such factors as stage of reproductive cycle-type of bait-quality of bait-etc. Before using KNOX OUT 2 FM it is recommended that bait preference be determined by placing several candidate baits in a location where yellowjacket activity is occurring. By observing the visitation frequency for a short time preference will become apparent

# In a four to six ounce nonfood container with a removable top, drill three to six holes %" to 11/16" in diameter around the top of container and two small holes (for attaching wire) in the top.

## **BAIT SOURCES AND SUGGESTIONS**

KNOX OUT 2 FM is recommended for use with any of the baits from the categories listed below. In order to maximize efficiency particles of the selected bait should be reduced to 'a inch diameter or smaller. If any bait is dry after preparation, add sufficient water to increase the total moisture content.

**Canned Pet Foods**—Cat food containing fish is generally the most attractive bait, although meat and poultry products usually are suitable

**Fresh Meat, Fish, and Poultry**—Hamburger or salmon is generally the most attractive bait. The selected product should be cooked until the red color barely disappears. Some products, like red salmon, will retain a red color even after cooking. All traces of free grease should be removed.

Canned Meat, Fish, Poultry, and Progessed Meats - (Nancold cuts etc.)—These products are often very attractive to yellow jackets and need not be cooked.

Read and follow all precautionary statements on the product label.

# **ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water and wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees.

5-Z411SLA-01 J4 (8/84)

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