

Reg # 53871-1

PM-18

File  
195



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

MAR 23 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Adrian Krygman  
FERMONE CORPORATION  
2620 N. 37th Drive  
Phoenix, AZ 85009

Subject: Label Amendment Submission of 10/25/93 in Response to PR Notice 93-7  
EPA Reg. No. 53871-1  
STIRRUP PBW

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

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Page 2

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Adrian Krygsman  
FERMONE CORPORATION  
2620 N 37TH DR  
PHOENIX AZ 85009

Comment for: EPA Reg Nr.53871-1  
STIRRUP PBW

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

You have incorrect wording in the first paragraph in the Agricultural Use Requirements box on your proposed label. That paragraph must contain the exact wording of the paragraph shown as "2" in Section F on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

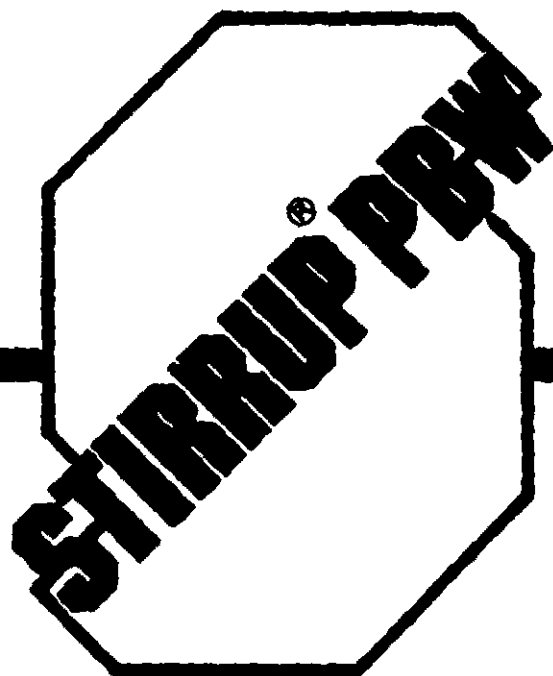
Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

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**NET CONTENTS:  
ONE QUART  
(0.946 LITERS)**

**LIQUID CONCENTRATE**

**Behavior Modifying  
Biochemical used in  
combination with  
insecticides in the  
suppression of pink  
bollworm (*Pectinophora  
gossypiella*) on cotton.**



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**ACTIVE INGREDIENTS**

(Z,Z)-7, 11-Hexadecadien-1-ol Acetate .....	0.316%
(Z,E)-7, 11-Hexadecadien-1-ol Acetate .....	0.316%
INERT INGREDIENTS.....	99.368%
	<u>100.00%</u>

**MFD. BY: FERMONE CORPORATION, INC. • 2620 N. 37TH DR. • PHOENIX,**

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## PRECAUTIONARY STATEMENTS

**CAUTION: Hazard to Humans**

### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:  
Long-sleeved shirt and long pants.  
Waterproof gloves.  
Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

### STATEMENT OF PRACTICAL TREATMENT

Avoid contact with skin or eyes. In case of contact, flush area with water. Obtain medical attention if irritation persists. Wash thoroughly with soap and water after handling.

#### USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of waste.

#### STORAGE AND DISPOSAL

**Storage:** Store in a cool dry place until used. Long term storage should be at 72°F (22°C) or below.

**Disposal:** Do not reuse container for any purpose. Triple rinse (or equivalent) and dispose of container in an approved landfill, or by other approved state and local procedures.

### PRODUCT INFORMATION

STIRRUP PBW, Behavior Modifying Biochemical is to be used in combination with contact insecticides to suppress pink bollworm (*Pectinophora gossypiella*) on cotton. Applied as a tank mix with cotton insecticides, STIRRUP PBW increases the natural instinctive flight behavior and search activities of pink bollworm moths (adults). The resulting increased random movement bring the adults into more frequent and prolonged contact with the insecticide treated

foliage. With this increased exposure to the insecticide, the adulticidal effect of the companion insecticide is increased. This results in reduced fertile egg lay, and subsequently, reduced larval infestations and crop damage.

### DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

Long-sleeved shirt and long pants.  
Waterproof gloves.  
Shoes plus socks.

### MIXING

STIRRUP PBW must be tank mixed in water or emulsifiable vegetable oil with insecticides registered for control of pink bollworm on cotton. **SHAKE WELL PRIOR TO USE.** Add STIRRUP PBW last to the spray tank mixture; mix thoroughly. For best results, apply immediately after mixing.

### METHOD OF APPLICATION

STIRRUP PBW may be applied by any conventional ground or aerial application equipment.

### RATE OF APPLICATION

The recommended rate of application of STIRRUP PBW is 3 ounces per acre (219-438 ml/Hectare).

Method of Application	Diluent	Spray STIRRUP PBW	
		Volume per acre (gallons)	Rate per acre (fluid ounces)
Air	Water	1 to 3	3 to 6
Ground/Air	Water	4 to 10	4 to 6
Air	Oil	1/4 to 1	3 to 6

Use higher rates of STIRRUP PBW as population pressure increases and when applying spray volumes in excess of 3 gal per acre. Re apply as needed to maintain suppression, and reinitiate.

### WARRANTY AND LIMITATION OF DAMAGES

FERMONE CORPORATION, INC. warrants that this material conforms to the chemical description and guaranteed limits of ingredients as stated on this label.

FERMONE CORPORATION, INC. makes no other express implied warranty, including any other express or implied warranty of FITNESS or MERCHANTABILITY of any kind.

FERMONE CORPORATION, INC.'s maximum liability for breach of this warranty shall not exceed the purchase price of this product. No event shall FERMONE CORPORATION, INC. be liable for indirect or consequential damages. This warranty shall not be changed by oral or written agreement unless signed by an authorized officer of FERMONE CORPORATION, INC.

Buyers assume all risks of use or handling, whether in accord with directions or not.