

# CERTAN™

**ACCEPTED**  
 APR 2 1981  
 Under the Federal Insect  
 Fungicide, and Rodenticide  
 Act, registered for the position  
 as listed under  
 EPA Reg. No. 11273-26

FOR THE CONTROL OF WAX MOTH LARVAE IN HONEY COMBS

ACTIVE INGREDIENT: Bacillus thuringiensis<sup>a</sup> Berliner  
 potency of 3500 GM Units (at least 1 million  
 viable spores) per milligram\* . . . . . 0.8  
 INERT INGREDIENTS . . . . . 99.2  
 100.0%

\*Equivalent to 3.3 billion GM Units per quart.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### PRECAUTIONARY STATEMENTS

Hazards to Humans: Avoid inhalation or contact with eyes or open wounds.

### DIRECTIONS FOR USE

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

CERTAN is a biological insecticide. It is specially formulated for the control of wax moth larvae. Treatment of honey combs with CERTAN will not have a detrimental effect upon the bee colony or the honey produced.

To control wax moth infestations of honey combs, prepare a spray mixture of 1 part CERTAN to 19 parts water. Always shake or stir CERTAN thoroughly before use. The following table can be used as a guide to prepare the total amount of spray mixture needed according to the number of frames to be treated.

APPROXIMATE NUMBER OF FRAMES	AMOUNT OF CERTAN	AMOUNT OF WATER
30	1 ounce (2 tablespoons)	1 pint 3 ounces
120	4 ounces	2 1/2 quarts
480	1 pint	9 1/2 quarts

Apply approximately 1/3 of an ounce of spray mixture directly on each side of the comb. Use a hand sprayer capable of delivering pressures of approximately 30 psi. Thorough coverage of the frames is essential. CERTAN must be eaten by the wax moth larvae to be effective.

CERTAN may be applied in the fall prior to placing dried combs in storage or in the spring prior to returning frames to the colony. For best results, apply from wax moth egg hatch to the second instar larval stage.

### STORAGE AND DISPOSAL

Storage: Store in a cool place. Activity may be impaired by storage at temperatures above 90°F. Protect from freezing.

Disposal: Do not reuse empty container. Destroy or discard in a safe place.

Notice: Sandoz, Inc. makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose concerning this material except those which are contained on Sandoz, Inc.'s label.

NET: One Pint

LOT: \_\_\_\_\_



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