

**FIFRA Section 2(ee)  
Recommendation**

**This recommendation is made as permitted by Section 2(ee) of FIFRA, as amended, and has not been submitted to or approved by the U.S. Environmental Protection Agency.**

**Please contact your Certis USA regional sales manager to determine the specific requirements for FIFRA 2(ee) recommendations in your respective state.**

**Gemstar<sup>®</sup> LC**

INSECTICIDAL VIRUS

EPA Reg. No. 70051-45

**ACTIVE INGREDIENT:**\* Polyhedral occlusion bodies (OBs) of the nuclear polyhedrosis virus of *Helicoverpa zea* (corn earworm): .....0.64%

**OTHER INGREDIENTS:**.....99.36%

**TOTAL:** .....100.00%

\*This lot contains at least 2 billion OBs/ml.

**DIRECTIONS FOR USE**

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

**CROPS**

**Vegetable Crops**

Tomatoes, lettuce, cabbage, beans, peppers, celery, escarole, sweet corn, peas, asparagus, beets, cauliflower, cucumber, broccoli, onion, strawberries, okra

**Other Crops**

Cotton, alfalfa, soybeans, peanuts, potatoes, corn, wheat, sweet potatoes, tobacco, sunflower, sugarbeets, sorghum, floriculture and border plants

**PESTS**

For control of the old world bollworm, *Helicoverpa armigera*.

**RATE**

4-10 fl. oz. per acre

**APPLICATION**

For old world bollworm, *Helicoverpa armigera*: Treat when larvae are young (early instars) and are actively feeding, before extensive damage has occurred.

Larvae ingesting the virus stop feeding within several days, become pale and lethargic, and then die as the virus replicates throughout their bodies. Virus released from dead larvae may infect other larvae feeding nearby.

When insect infestations are heavy, use the higher label rates and/or spray more frequently. Increasing the frequency of applications is usually more effective than raising application rates at improving the level of insect control.

Lower rates may be used during vegetative stages of crop growth or when tank mixed with other insecticides also effective against the old world bollworm.

Gemstar LC can be applied by ground or aerial sprayers (both conventional and ultra-low volume) or with overhead sprinkler irrigation equipment (chemigation), as long as the equipment provides thorough coverage of plants with minimal runoff.

Use of a non-ionic or oil-based spreader/sticker and ultraviolet screening agent may enhance the performance of this product.

**All applicable directions, restrictions, and precautions on the EPA-registered labels are to be followed.** This FIFRA Section 2(ee) recommendation contains new or additional directions for use of this product, which may not appear on the package label. Read and observe the cautionary statements plus all other information appearing on the product labels. **For Utah and Washington, this recommendation is not required to be in the possession of the user at the time of pesticide application. For all other states, this recommendation must be in the possession of the user at the time of pesticide application.**