



**INSECTICIDE**

CONTAINS LAMBDA-CYHALOTHRIN, THE ACTIVE INGREDIENT USED IN WARRIOR II WITH ZEON TECHNOLOGY®

## STRIKE BACK AGAINST 70+ DAMAGING INSECTS

Serpent™ with VenomCap Technology offers swift pest knockdown and enduring control in select fruits and vegetables, potatoes, soybeans, alfalfa, corn, wheat, and more. Its powerful micro-encapsulation formulation not only delivers potent, long-lasting protection but also shields the active ingredient, lambda-cyhalothrin. Once applied, Serpent with VenomCap Technology becomes rainfast within an hour, ensuring extended residual control over a wide array of destructive insects, including aphids, ants, caterpillars, and cutworms. Serpent with VenomCap Technology delivers relentless insect control for a bountiful harvest.

### KEY BENEFITS

- Rapid-release capsules for efficient knockdown
- Broad-spectrum pest control
- Persistent, long-lasting control
- Easy storage and application
- Tank-mix compatible

### KEY USES

- Alfalfa
- Broccoli
- Corn
- Lettuce
- Pistachios
- Potatoes
- Soybeans
- Sunflowers
- Wheat

### PRODUCT NOTES

#### EPA REGISTRATION NUMBER

91234-249

#### ACTIVE INGREDIENT

Lambda-cyhalothrin 22.8%

#### FORMULATION

Capsule Suspension

#### IRAC NUMBER

3

#### SIGNAL WORD

Warning

#### PACKAGE SIZE

4 x 1 gal  
120 gal

#### RESTRICTED USE

Yes



LABEL



PRODUCT INFO



PORTFOLIO



Bootstrapped and ready to serve, we deliver battle-tested chemistries and an experience like no other. Proud to be 100% American-owned, our mission is to help you every step of the way.





## GENERAL USE DIRECTIONS

Apply with ground or aerial equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gal/A by air or 10 gal/A by ground unless otherwise specified in the product label. When foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), use of higher application volumes and/or higher use rates may improve initial and residual control.

For cutworm control, Serpent with VenomCap Technology may be applied before, during, or after planting. For soil-incorporated applications, use higher rates found in the label for improved control.

## TANK-MIX INFORMATION

When tank-mixing with any other agricultural products, always add Serpent with VenomCap Technology last. Fill the tank with 1/2 - 2/3 volume of the mixing diluent. Make sure all other products are fully dispersed in the mixing diluent before adding the recommended labeled rate of Serpent with VenomCap Technology to the tank. Add the remainder of the mixing diluent volume. It is recommended that mixing and spray equipment have continuous agitation for best results. Follow the precautions and limitations of the most restricted product in the tank mixture.

While Serpent with VenomCap Technology has good flexibility for tank-mixing with other agricultural products, a jar test for physical compatibility is recommended for untried mixtures, using proper ratios and mixing sequences of all ingredients to be included in the mixture.

Serpent with VenomCap Technology is an aqueous-based formulation. It is recommended that no type of non-emulsifiable oils be used in combination with Serpent with VenomCap Technology. If adjuvants are used, use only:

- Nonionic Surfactant (NIS) containing at least 75% surface agent, or
- Nonphytotoxic Crop Oil Concentrate (COC), including once-refined Vegetable Oil Concentrate (VOC), or
- Methylated Sunflower Oils (MSO) containing a minimum of 17% emulsifier.

Adjuvants other than NIS or COC may be used providing the product meets the following criteria:

1. Contains only EPA-exempt ingredients.
2. Is non-phytotoxic to the target crop.
3. Is compatible in mixture. This may be established through a jar test.
4. Is supported locally for use with Serpent with VenomCap Technology on the target crop through proven field trials and through university and extension recommendations

Furthermore, Crop Oil Concentrate, Methylated Sunflower Oils, and Urea-Ammonium Nitrate may also serve as diluents. It is advisable to avoid using the following substances in conjunction with Serpent with VenomCap Technology as diluents or adjuvants: Nonemulsifiable oils, Diesel Fuel, and Straight Mineral Oil.

## KEY INSECTS

Aphid species  
Armyworm; beet, fall, southern, yellowstriped  
Aster leafhopper  
Bean leaf beetle  
Bird cherry-oat aphid  
Blister beetle species  
Cabbage; looper, webworm, imported  
Cereal leaf beetle  
Chinch bug, greenbug, Mexican rice borer  
Common cornstalk borer  
Corn earworm, leaf aphid<sup>3</sup>  
Corn rootworm larvae; Mexican, northern, southern, western  
Corn silkfly  
Cutworm species  
Diamondback moth  
English grain aphid  
European corn borer  
Flea beetle species  
Grasshopper species  
Green cloverworm  
Greenbug  
Hessian fly  
Hop vine borer  
Japanese beetle  
Leafhopper species  
Lesser cornstalk borer  
Meadow spittlebug  
Mite species  
Orange blossom wheat midge  
Painted lady  
Plant bug species  
Potato leafhopper  
Red imported fire ant  
Rice stalk borer  
Saltmarsh caterpillar  
Seedcorn; beetle, maggot  
Silverspotted skipper  
Southwestern corn borer  
Soybean aphids, looper  
Spider mite species  
Stalk borer  
Stink bug species  
Tarnished plant bug  
Three-cornered alfalfa hopper  
Thrips species  
Tobacco budworm  
Vegetable weevil  
Velvet bean caterpillar  
Webworm species  
Western bean cutworm  
White grub species  
Whitefly species  
Wireworm species  
Woollybear caterpillar

(Refer to product label for complete list)