

Contains lambda-cyhalothrin, the active ingredient used in Warrior II with Zeon Technology®.



INSECTICIDE

SERPENT™ WITH VENOMCAP 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

Refer to label for specific use restrictions.



Relevant. Simple. Reliable.

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.

Refer to product label for complete application and mixing instructions.

Serpent™ with VenomCap Technology is an EPA Restricted Use Pesticide.

©2024 Atticus. Important: Always read and follow label instructions. Not all products are registered for use in every state. Serpent™ with VenomCap Technology is not manufactured, or distributed by Syngenta, seller of Warrior II with Zeon Technology®. Warrior II with Zeon Technology® is a registered trademark of a Syngenta Group Company. Serpent™ is a trademark of Atticus, LLC. 23-AG-0141-C.

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 aphid³
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)