Protect your cranberries from lepidopteran pests, including leaf rollers, fruitworms and spanworms with SPEAR®-Lep bioinsecticide, a novel mode-of-action with the safety you desire and the performance you require. Proven efficacy as a standalone, but best suited for rotation into your season long worm control program for the management of insecticide resistance. Safe for your crop, workers and non-targets, SPEAR®-Lep has a 0-day PHI, 4-hour REI and is MRL-exempt.

**TARGET CROPS**
(see label for full list)
- ALMOND
- APPLE
- BLUEBERRY
- CANE BERRIES
- CHERRY
- CRANBERRY
- GRAPES
- HAZELNUT
- HEMP
- HOPS
- PEAR
- POTATO
- STONE FRUIT
- STRAWBERRY
- TOMATO
- VEGETABLES

**KEY FACTS**
(must read and follow all label instructions)
- Bioinsecticide based on a naturally occurring peptide
- Highly specific for lepidopterans with very low risk to beneficials
- Control that equals or surpasses conventional options
- Vital new tool for sustainable pest management
- New IRAC group 32 supporting resistance management
- Spear-Lep is effective when tank-mixed with its synergist, Bacillus thuringiensis (Btk)
- Excellent environmental and worker safety profile
- Zero-day PHI, 4-hour REI, MRL exempt
- Mode of entry - ingestion
- Mode of action - disruption of the nicotinic acetylcholine receptor
- Low risk of phytotoxicity
- Registered in all 50 states

**QUICK INFO**

- EPA REG # 88847-6
- AI GS-OMEGA/KAPPA-HXTX-HV1A
- FORMULATION LIQUID
- IRAC GROUP 32
- SIGNAL WORD CAUTION
- REI 4 HOURS
- PHI 0 DAYS
- PACKAGE SIZE 1 GAL, 4 X 1 GAL CASE
- USE RATE 1-2 PT/acre PLUS Bt
- RAINFAST 4 HOURS
- OPTIMAL SPRAY pH 5-7.5
- SURFACTANT For best performance, use with a NIS or spreader/sticker at 0.125% v/v

Vestaron is The Peptide Company dedicated to improving the safety, efficacy and sustainability of crop protection through migration from synthetic pesticides to biological peptides. Initially, Vestaron is focused on a class of peptides that kills insect pests efficiently, but is safe for humans, birds, fish, pollinators and the environment. As part of this, the company has developed a proprietary platform for peptide optimization and fermentation-based peptide production that will allow development of a wide variety of effective crop protection solutions. Vestaron brands are emPOWERed by Peptides – providing new technology with a unique mode of action in a biological solution equal to, and often better, than the synthetic options; creating the opportunity to incorporate a new IRAC Group 32 into rotation recommendations for resistance management.
INVIGORATE YOUR CURRENT WORM CONTROL PROGRAM!

TRIAL NOTES:

- RCBD, 4 repetitions, 3 applications at 7-day intervals
- Spear-Lep @ 1 (low) or 2 (high) pt/A
- Btk (Leprotec) @ 0.5 (2020) or 1.0 (2019) pt/A
- Chlorantraniliprole (Altacor) @ 4.5 oz/A
- Rotation Spear+Btk fb Chlorantraniliprole fb Spear+Btk
- Cooperator Jack Perry, University of Wisconsin

THE POWER OF SYNTHETICS. THE SAFETY AND SUSTAINABILITY OF BIOLOGICALS.

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