Vestaron is a company dedicated to improving the safety, efficacy and sustainability of crop protection through migration from synthetic pesticides to peptide-based biopesticides. Vestaron is initially focused on a class of peptides that kills insects, but is safe for humans, beneficial insects and the environment. As part of this focus, the company has developed a proprietary platform for peptide optimization and fermentation-based peptide production that will allow the development of a wide variety of biological crop protection solutions. Vestaron has earned global recognition for its work, including the inaugural 2015 Bernard Blum Award for novel biocontrol solutions, a ranking in the 2020 THRIVE Top 50 list of AGTECH Growth Stage Companies, and the prestigious Green Chemistry Challenge Award from the U.S. Environmental Protection Agency and the American Chemical Society Green Chemistry Institute in 2020.

**SPEAR®-Lep**

Protect your cranberries from lepidopteran pests, including fireworms, 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

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**THE POWER OF SYNTHETICS. THE SAFETY AND SUSTAINABILITY OF BIOLOGICALS.**
INVIGORATE YOUR CURRENT WORM CONTROL PROGRAM!

REVOLUTIONARY CONTROL

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

TRIAL NOTES:

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

To learn more contact your local representative:

Bruce Beardmore
(616) 450-1104 | bbeardmore@vestaron.com

Contact your local retailer, including T.H. Agri-Chemicals, Plainfield, WI (715) 335-6343 | thagrichemicals.com

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