



Vestaron Corporation is an emerging leader in bioinsecticide discovery and development, providing proprietary technology that delivers a new novel mode-of-action allowing a level of control equal to or greater than conventional insecticides.

Spear<sup>®</sup>-Lep is a dual mode of action biological insecticide. Spear<sup>®</sup>-Lep controls the insect through ingestion allowing the peptide to attack the nervous system. This powerful combination is effective even on resistant insects.

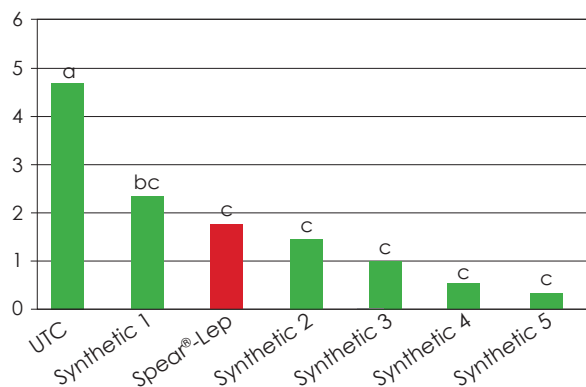
Vestaron's Spear<sup>®</sup>-Lep bioinsecticide is designed for agricultural and greenhouse use, offering control of Lepidopterans (loopers, worms, and caterpillars).



## **SPEAR<sup>®</sup> → LEP**

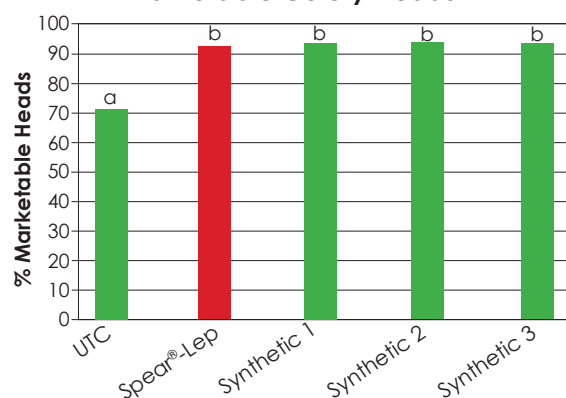
Spear<sup>®</sup>-Lep is Vestaron's new bioinsecticide for fruits, vegetables and high-value crops in the field and greenhouse. Spear<sup>®</sup>-Lep targets immature Lepidopteran pests such as loopers, worms, and caterpillars. Field trials of Spear<sup>®</sup>-Lep demonstrate that results are equivalent or superior to conventional insecticides.

### Diamondback Moth Larval Counts on Cabbage 7DAA



University of Georgia | Backpack CO<sub>2</sub> sprayer  
4 reps | 10 plants/plot

### Marketable Celery Heads



Arizona Grower Trial - 2015  
Three consecutive sprays with Spear®-Lep or industry standards at label rates followed by harvest and evaluation of marketable heads. Misc. Lepidopteran infestation

## SPEAR® LEP FAST FACTS

- **Launch:** 2018
- **Classification:** Biological
- **Formulation:** Water-soluble liquid
- **Safety:** Excellent environmental profile and worker safety
- **Flexibility:** Zero day pre-harvest interval, exempt from tolerance
- **Resistance Management:** IRAC Codes: 32
- **Mode of Entry:** Ingestion
- **Target Pests:** Immature Lepidopterans (worms, loopers, caterpillars)



A Product of

**VESTARON**  
THE POWER OF PEPTIDES

**Power of synthetics, safety of biologicals.**

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