



EXCEPTIONAL CONTROL  
OF ARMYWORM AND  
DIAMONDBACK MOTH



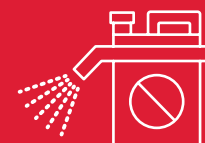
Consistent, reliable field performance



Broad-spectrum caterpillar control



Eco-friendly with good safety profile



Exempt from tolerances

# XenTari®

## BIOLOGICAL INSECTICIDE

### THE STRAIN MAKES THE DIFFERENCE

XenTari® Biological Insecticide contains *Bacillus thuringiensis* subspecies *aizawai* (Bta). XenTari consistently demonstrates superior efficacy against *Spodoptera* sp. (Armyworm spp.) and *Plutella xylostella* (Diamondback moth) using a unique combination of Cry1A, Cry1C, and Cry1D proteins.

With its unique Cry protein profile, XenTari is an excellent tool for resistance management, helping growers protect other chemistries they need for an effective IPM program.

### XenTari Biological Insecticide:

- **Acts fast;** larvae stop feeding within minutes
- **Is exempt from residue tolerance** with as short as a 0-day PHI and 4-hr REI, allowing fruit to be harvested within hours of application (follow local labels and guidelines)
- **Demonstrates effective resistance management**, having never developed cross-resistance with any other insecticide
- **Can be tank mixed** with most insecticides, fungicides, and foliar nutrients
- **Is listed for use in organic agriculture**, making it suitable for any type of operation


### XenTari Has the Right Cry Protein Profile to Manage Key Lepidopteran Pests

SPECIES	Cry1Aa	Cry1Ab	Cry1C	Cry1D
<b>Fall Armyworm</b> ( <i>Spodoptera frugiperda</i> )	–	+	++	++
<b>Beet Armyworm</b> ( <i>Spodoptera exigua</i> )	–	+	++	+
<b>African Cotton Leafworm</b> ( <i>Spodoptera littoralis</i> )	–	+	++	++
<b>Diamondback Moth</b> ( <i>Plutella xylostella</i> )	++	++	++	+
<b>Obliquebanded Leafroller</b> ( <i>Choristoneura rosaceana</i> )	+	+	+	–
<b>Corn Earworm</b> ( <i>Helicoverpa zea</i> )	+	++	–	–
<b>Codling Moth</b> ( <i>Cydia pomonella</i> )	+	++	–	+
<b>Cabbage Looper</b> ( <i>Tricoplusia ni</i> )	+	+	+	+

++ GOOD ACTIVITY    + MODERATE ACTIVITY    – MINOR ACTIVITY

## Season-Long Benefits

**EARLY SEASON**




**STOP FEEDING IMMEDIATELY**




**PRESERVE BENEFICIAL INSECTS**

XenTari manages Lepidoptera pests without harming natural predators and parasitoids and can even be applied when bees are active. Follow local labels and guidelines.

**MID-SEASON**




**MANAGE RESISTANCE**




**PROMOTE SUSTAINABILITY**

XenTari's unique mode of action can fend off resistance development to other insecticide classes when used in rotation.

**LATE SEASON**



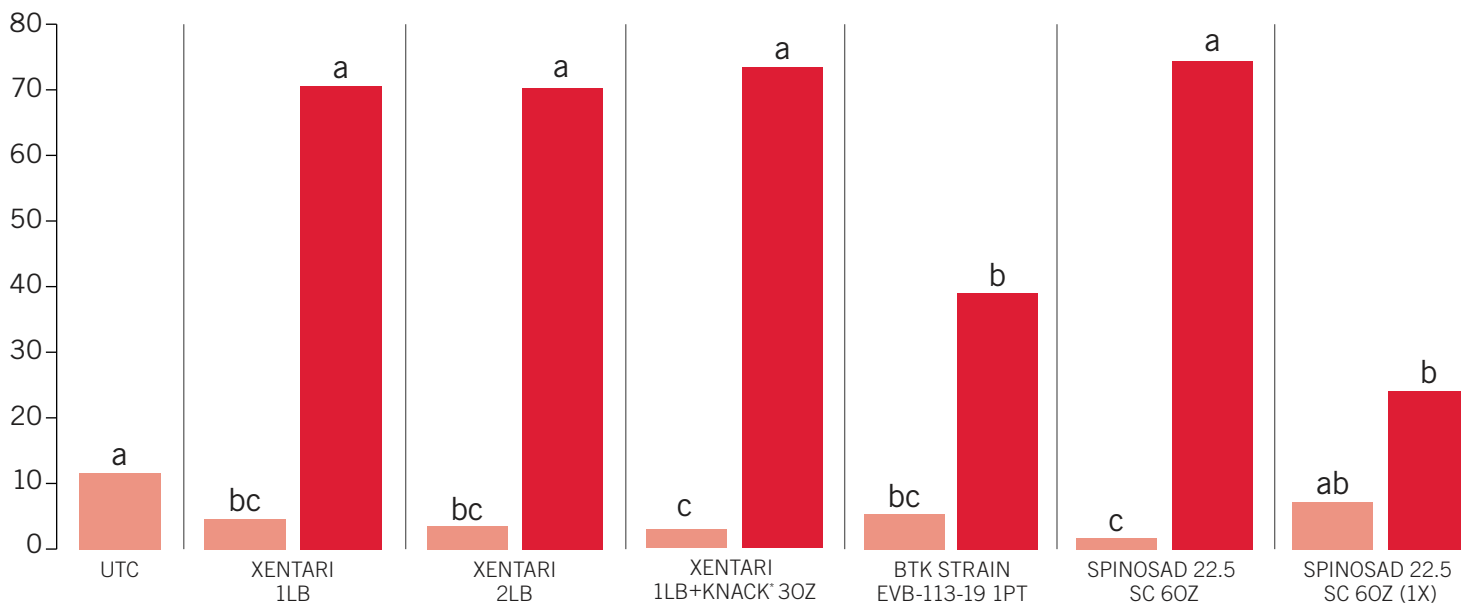
**MANAGE HARVEST SCHEDULES**



**MINIMIZE RESIDUE LEVELS**

XenTari does not have an MRL and will not contribute to chemical residues on fresh produce, allowing application up to harvest to protect produce when it's at its highest value. Follow local labels and guidelines.

## Diamondback Moth Control in Broccoli (*Brassica oleracea* var. *Inferno*)



Three separate applications were made at 7-day intervals for all treatments except Spinosad 22.5 SC 6OZ (1X), which received one application on the first day.

\*Knack<sup>®</sup> Insect Growth Regulator contains pyriproxyfen.

■ Insect Total Count  
■ % Control Feeding