

Nut Trees

 FOR ORGANIC PRODUCTION



Bioprotec^{PLUS}®

Foliar Insecticide for Navel Orangeworm Control

FEATURES AND BENEFITS

- Easy to use liquid formulation
- Known trusted biological insecticide
- Specific strain of Btk that covers a large range of pests and crops
- Control of lepidopteran larvae in pome fruits, stone fruits and nut trees
- Good UV resistance

0 Day PHI

4 Hours REI



Friendly to beneficials
and pollinators

AEF GLOBAL
Biopesticides

MODE OF ACTION

After ingestion of a sufficient dose of Bioprotec Plus, caterpillars undergo gut and mouth-parts paralysis followed by septicemia. Larvae cease feeding within a few hours and insect death occurs within 2-5 days.

TECHNICAL SPECIFICATIONS

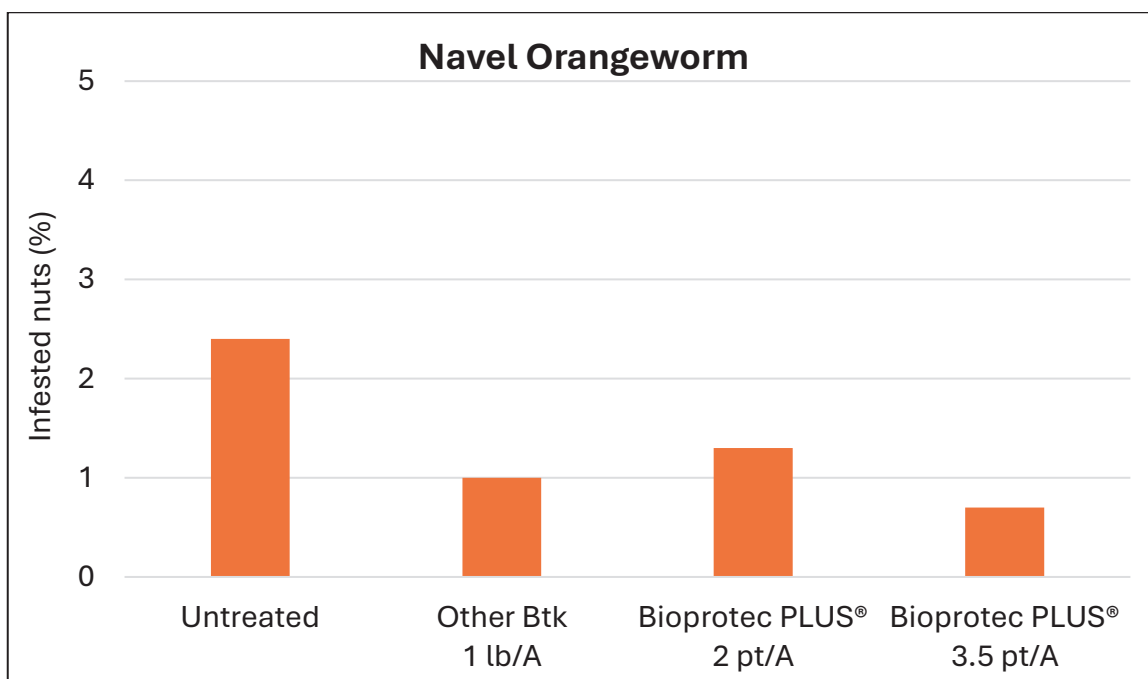
- **Active ingredient:** Btk (*Bacillus thuringiensis* ssp. *kurstaki*) Strain No: EVB-113-19
- **Packaging:** One (1) case = 2 x 2.5 gal
- **Formulation type:** Liquid
- **IRAC classification :** 11A (microbial)
- **PHI:** 0 day
- **REI:** When dry
- **Shelf life:** 18 months at 68°F

RECOMMENDATIONS

- The product should be applied during the active feeding phase of the larvae
- Apply at the recommended rate on the label depending on the pest (0.25 to 3.5 pints/acre)
- Repeat treatment as needed if egg hatch is desynchronized
- Always read and follow label instructions

Navel Orangeworm on Almonds, 2024

- Trial conducted by Sawtooth Ag Research on mature almond trees (cv. Nonpareil) in a commercial orchard in Porterville, California.
- Randomized complete block design with 4 repetitions (single tree plots).
- Three insecticide applications were made starting at 1% hull split (Jul 8, Jul 19 & Jul 30, 2024).
- Applications were made using a Stihl mist-blower delivering 100 gpa.
- 250 nuts were randomly gathered from each plot after commercial harvest and were examined to determine level of navel orangeworm (*Amyelois transitella*) damage.



Bioprotec Plus is registered in United States by AEF Global. Please refer to product label for complete application details. Always read and follow label directions. EPA Registration No : 89046-12. Log on to www.aefglobal.com for full label information.

440, 3e avenue, suite 100 - Lévis (QC) Canada G6W 5M6
Toll free: 1(866) 622-3222 - Tel.: (418) 838-4441 - Fax: (418) 838-9909 - Email: info@aefglobal.com

www.aefglobal.com

AEF GLOBAL
Biopesticides