



New Product
for U.S. growers

Field Vegetables

Bioprotec PLUS[®]

Foliar insecticide for Caterpillar Control

FEATURES AND BENEFITS

- Easy to use liquid formulation
- Known trusted biological insecticide
- New specific strain of Btk that covers a large range of pests and crops
- Control of several lepidopteran larvae
- Good UV resistance

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
- **Chemical group:** 11B2 (Bt microbials)
- **PHI:** 0 day
- **REI:** When dry
- **Shelf life:** 18 months at 68°F

0 Day PHI 4 Hours REI



Friendly to beneficials and pollinators



FOR ORGANIC PRODUCTION

MODE OF ACTION

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

RECOMMENDATIONS

- The leaves on which the larvae feed must be completely covered
- The product is more effective during the active feeding phase of the larvae
- Apply at the recommended rate on the label depending on the pest (0.4 to 3.5 pints/acre)
- Repeat treatment as needed at seven days interval if egg hatch is desynchronized
- Always read and follow the label

TRIAL RESULTS 2020

BROCCOLI

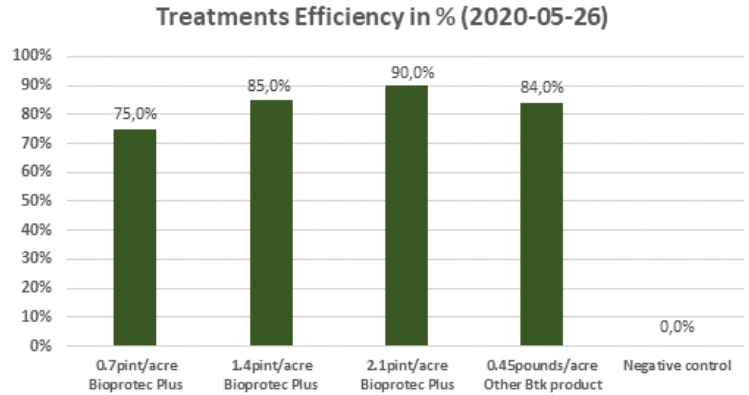
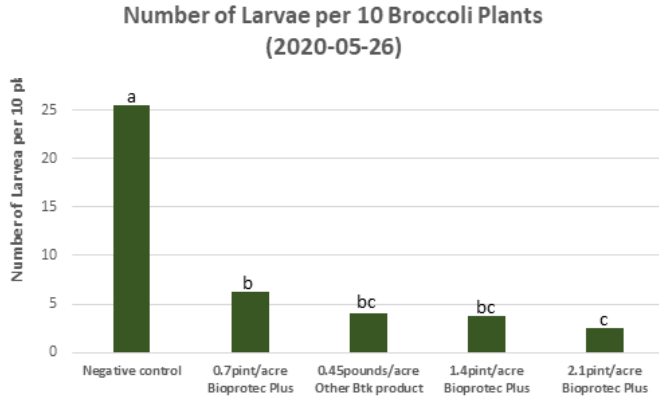
Trial conducted by PHYTO-DRIVE S.A. de C.V. in a broccoli experimental site in Tepeaca, Mexico, 2020.

Pest evaluated: Diamondback moth (*Plutella xylostella*).

First application done at first sign of pest. Four applications at 5 days interval (2020-05-06, 2020-05-11, 2020-05-16, 2020-05-21).

Spray volume: 25 gpa

Statistical analysis: On 2020-05-26, Least-Square Means for number of larvae per 10 broccoli plants shows a significant effect of treatments. $p < 0.0001$.



TOMATO

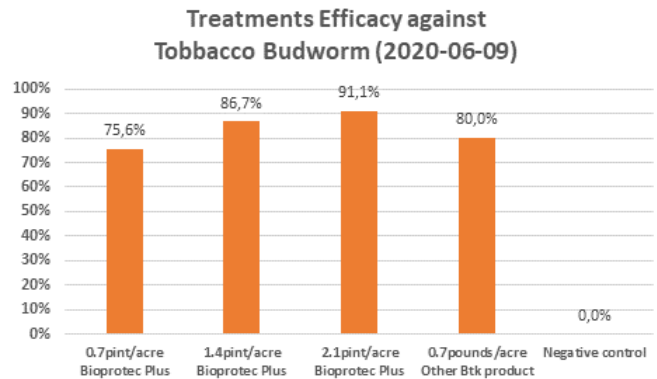
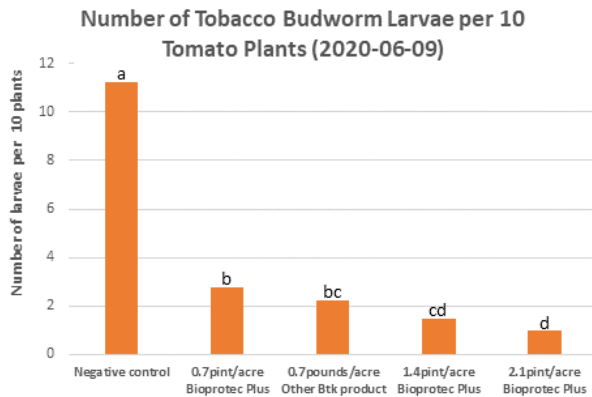
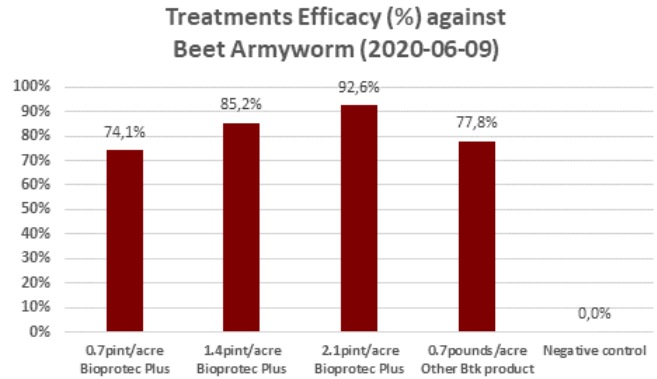
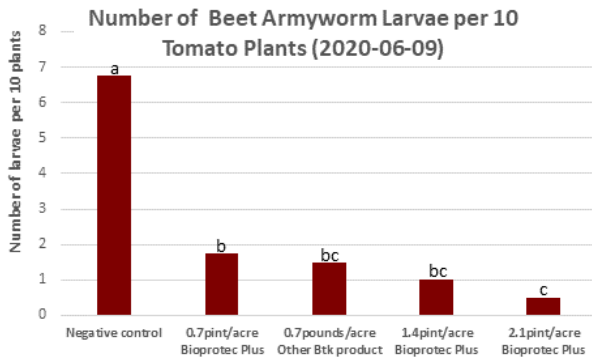
Trial conducted by PHYTO-DRIVE S.A. de C.V. in a tomato experimental site in Tepeaca, Mexico, 2020.

Pest evaluated: Beet armyworm (*Spodoptera exigua*) and Tobacco budworm (*Heliothis virescens*).

First application done at first sign of pest. Four applications at 5 days interval (2020-05-20, 2020-05-25, 2020-05-30, 2020-06-04).

Spray volume: 50 gpa

Statistical analysis: On 2020-06-09, Least-Square Means for number of larvae per 10 tomato plants shows a significant effect of treatments against beet armyworm and tobacco budworm. $p < 0.0001$.



EPA Registration No : 89046-12. Bioprotect Plus is registered in United States by AEF Global.

Please refer to product label for complete application details. Always read and follow label directions.

Log on to www.aefglobal.com for full label information.