

SePRO Biopesticides

Bangya Ma
SePRO Corporation

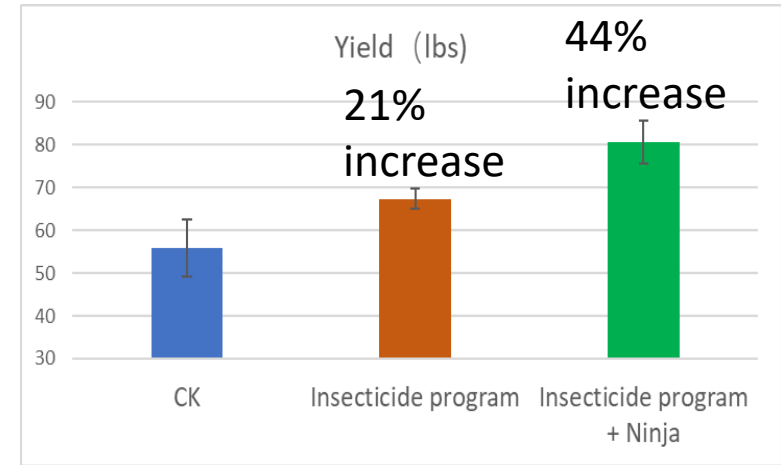
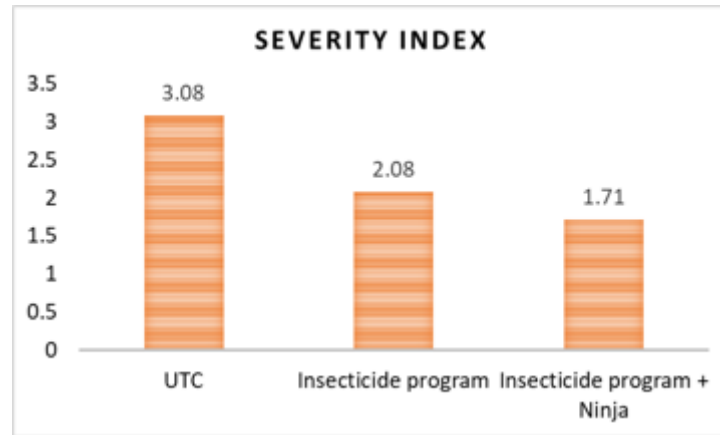


Beyond the XPECTED

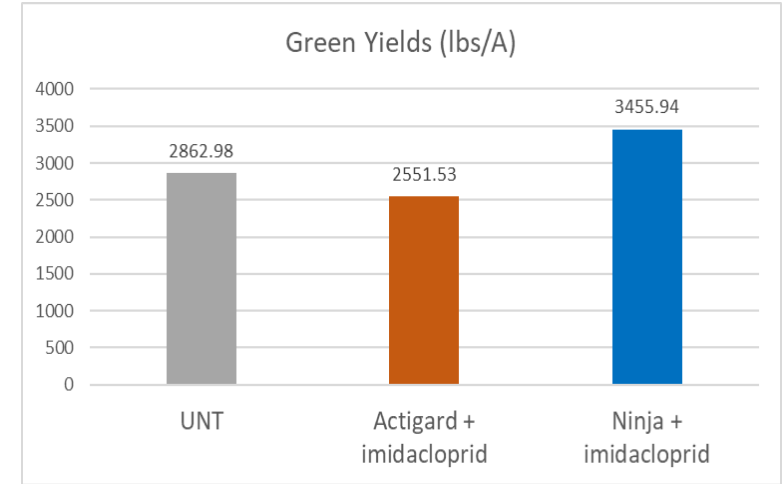
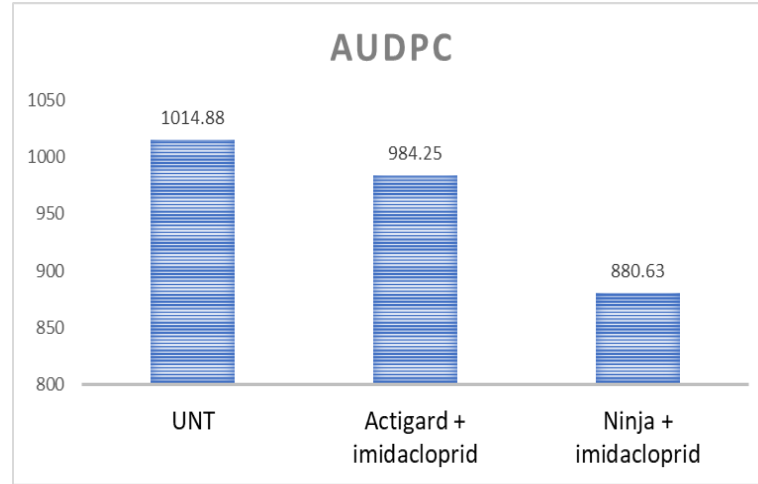
SP2700/Ninja™

- Fermentation product
- Multiply active metabolites, the leading quantified through HPLC
- Antiviral, no cost/safety issue with viricide, the first-to-be in US

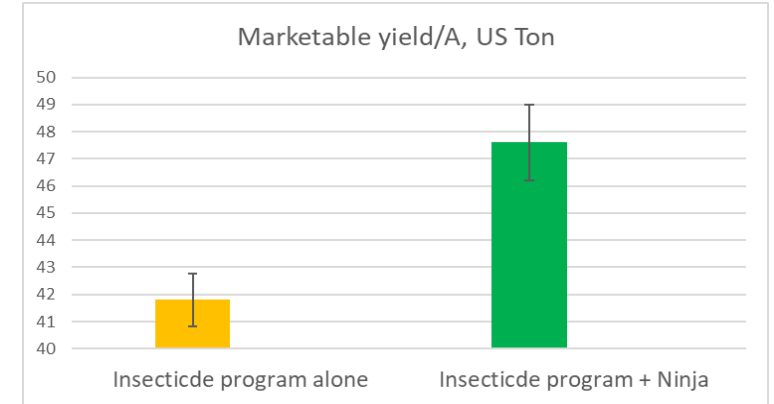
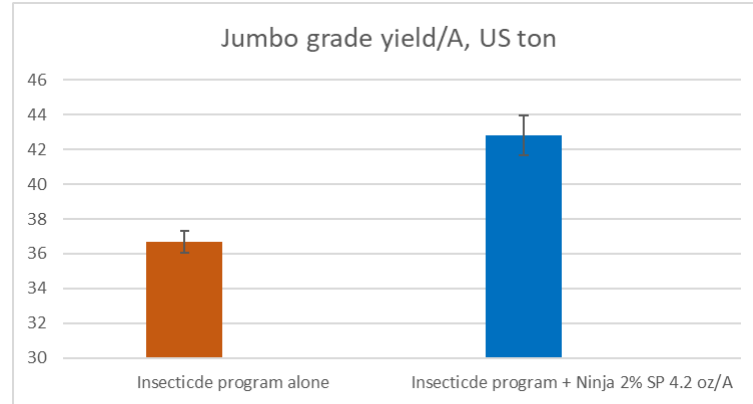
Sample	Conc. (mg L ⁻¹)	Inactivation effect (%)	Curative effect (%)	Protection effect (%)
SP2700/Ninja	500	55.3 ± 2.8	57.4 ± 3.0	59.1 ± 1.5
	100	23.5 ± 1.0	26.8 ± 1.9	28.4 ± 0.7
Ribavirin	500	36.2 ± 0.5	38.7 ± 0.2	39.8 ± 1.3
	100	13.4 ± 0.9	11.5 ± 1.4	14.2 ± 2.0



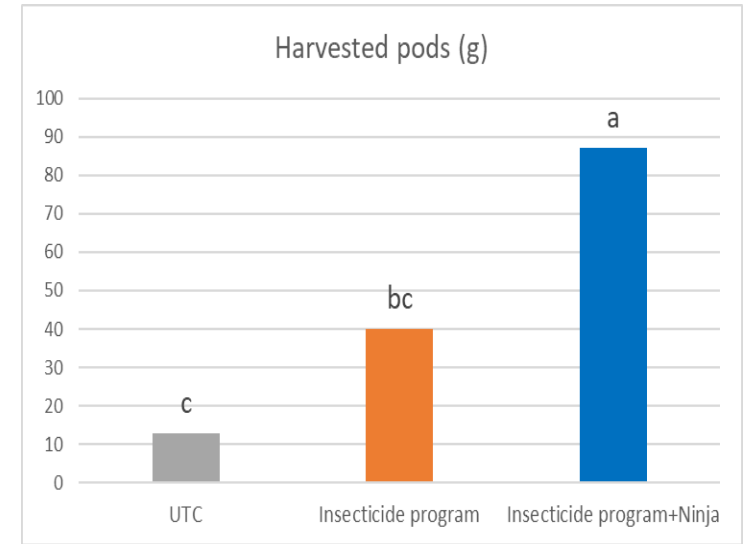
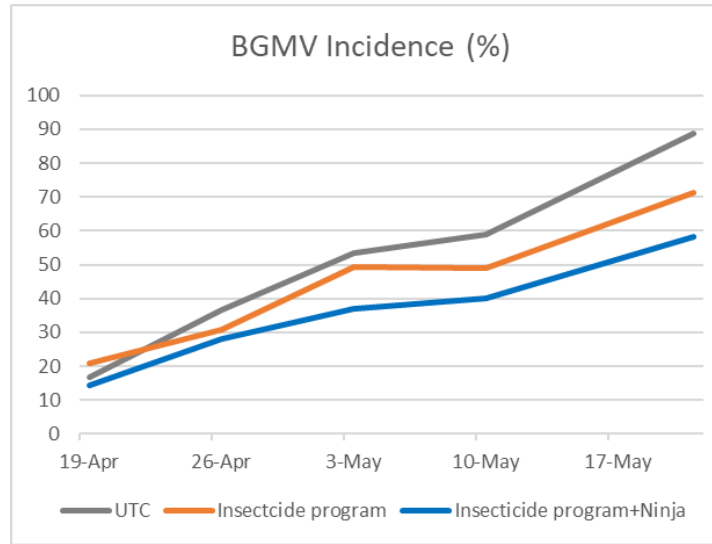
Tomato yellow leaf curl virus (TYLCV) on tomatoes, Dr. Hugh Smith, University of Florida, 2017



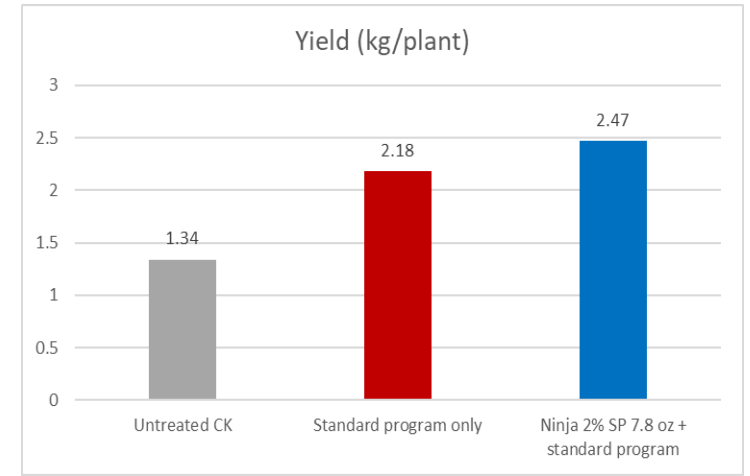
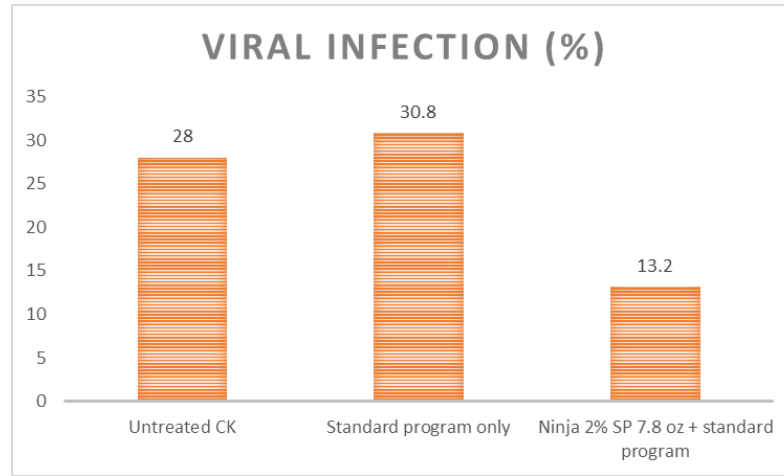
Tomato spotted wilt (TSWV) on tobacco, Dr. Lindsey Thiessen, NCSU, 2018



Iris yellow spot virus (IYSV) on onion, Dr. Tim Waters, WSU, 2018



Bean Golden Mosaic Virus (BGMV) on snap beans, Dr. Shouan Zhang,
University of FL, 2019



Mixed viral infection on squash, Dr. Shouan Zhang, University of FL, 2019

Extracts-SP2480 and SP3014

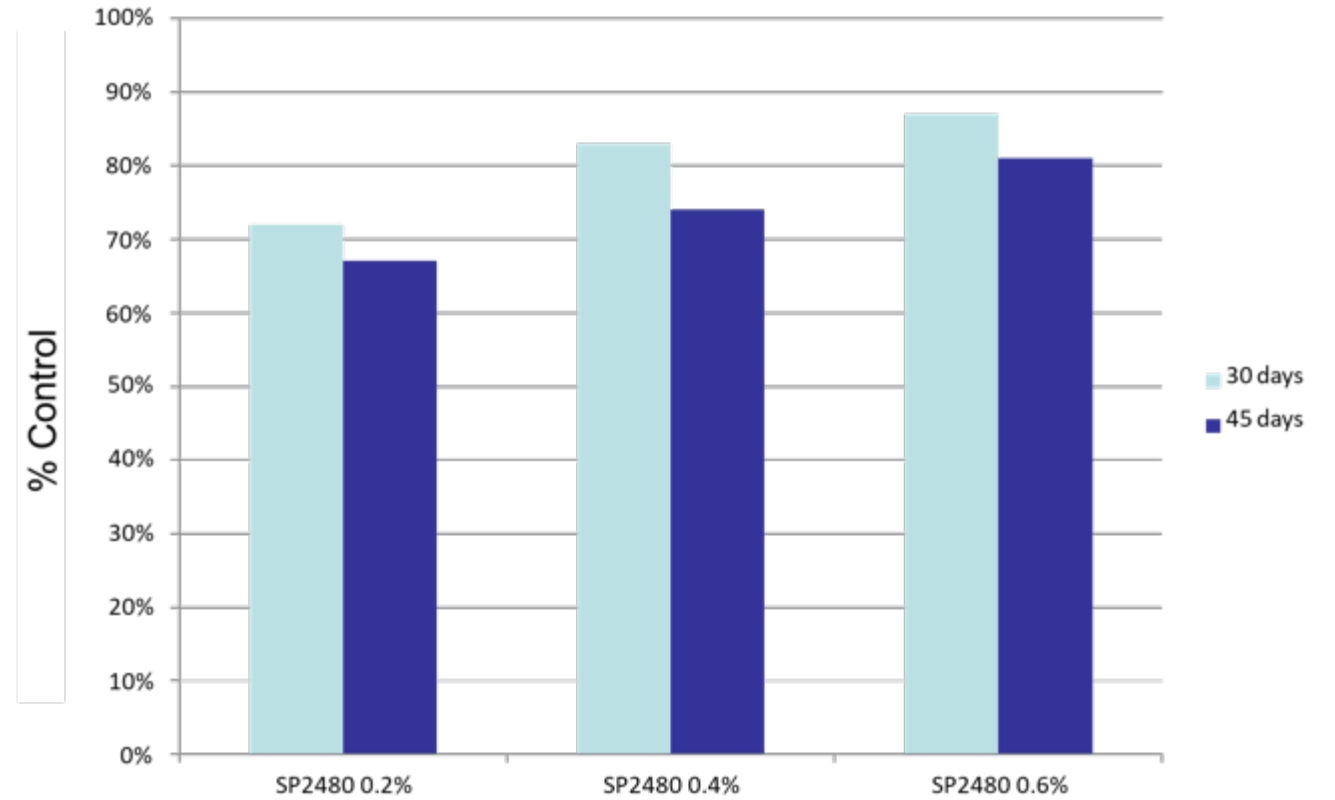
- Residual activity: >10 days
- Shelf life: 2 years
- OMRI
- All sites



Beyond the XPECTED

SP2480

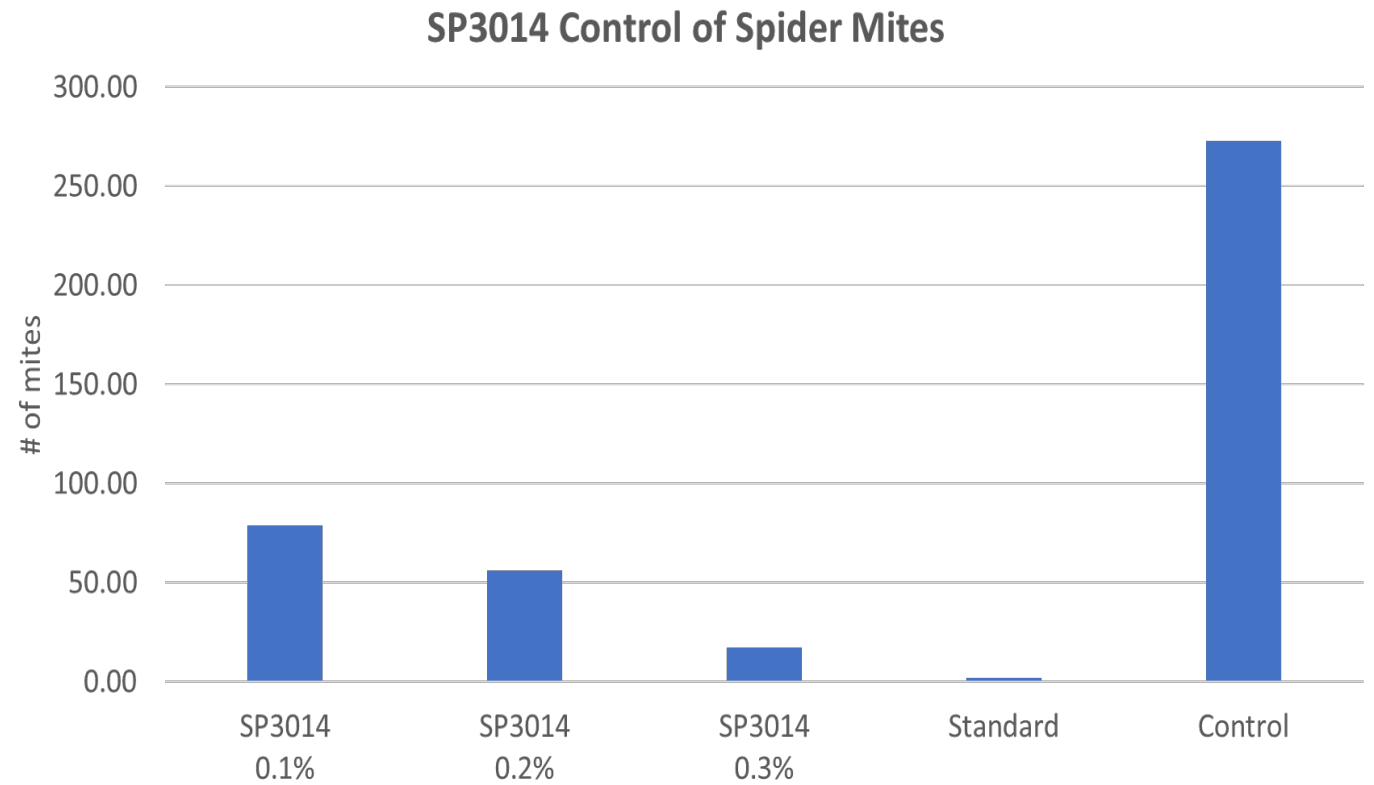
- Powdery mildew
- Botrytis
- Downy mildew
- Bacterial diseases
- Anthracnose



Efficacy of SP2480 on Tomato Bacterial Wilt

SP3014

- Aphids
- Thrips
- Whitefly
- Spider mites
- Lepidoptera



Beyond the

XPECTED

