SP2700

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Technical Development Manager

Overview of Activity & Key Information

- Fermentation product
  - Active ingredient is not living
  - Resilient to extreme environments
- Soluble powder formulation
  - Been shown to be stable for at least 2 weeks at 129 F
  - UV stable
  - Rain-fast 6 hours
- Rate: 4-11 oz/100 gal
- Application: Foliar spray, drench, chemigation & dip
- Residual activity: 7-14 days

- Dual modes of action
  - Antiviral
  - Inducing plant defense system
- Spectrum
  - Antiviral – Not virus specific
  - Powdery Mildew
  - Soil-Borne Diseases
- No fitness cost
- OMRI

IR4 Assistance Needs

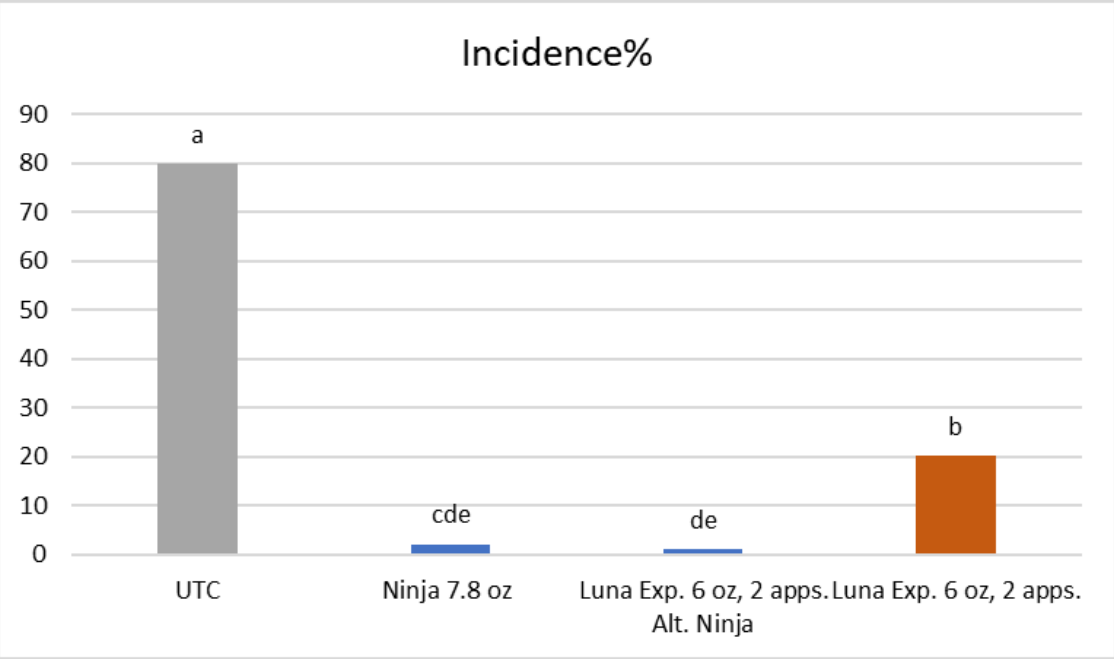
Continued support on efficacy to control ornamental viruses

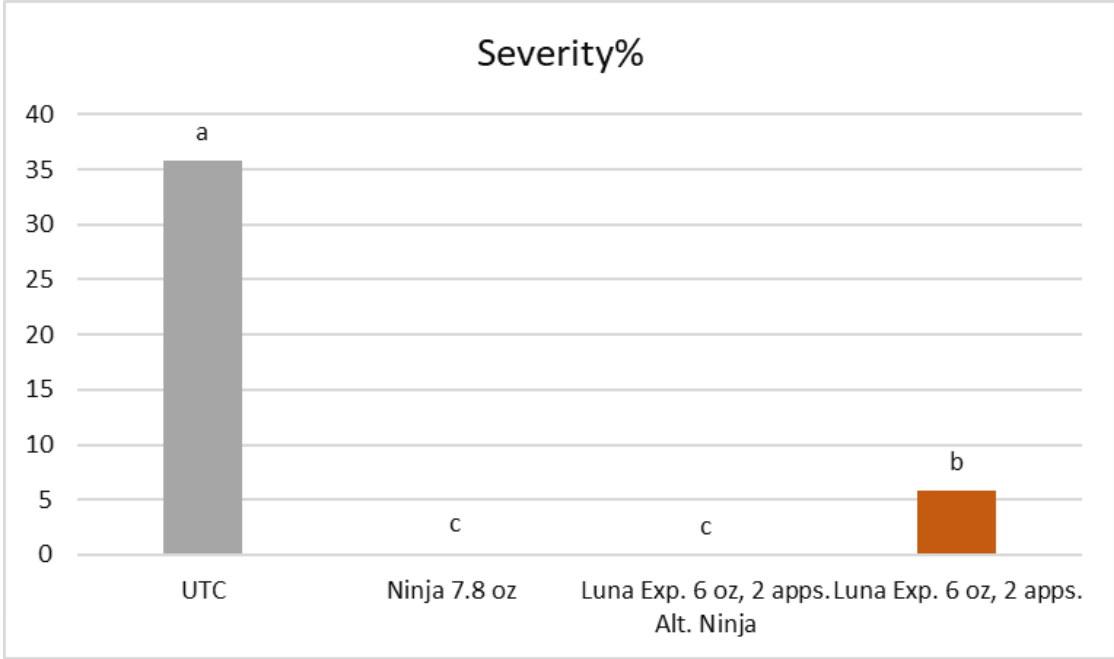
- Rose Rosette Virus
- Tospoviruses
- Any virus of regulatory concern

Efficacy on soil-borne diseases

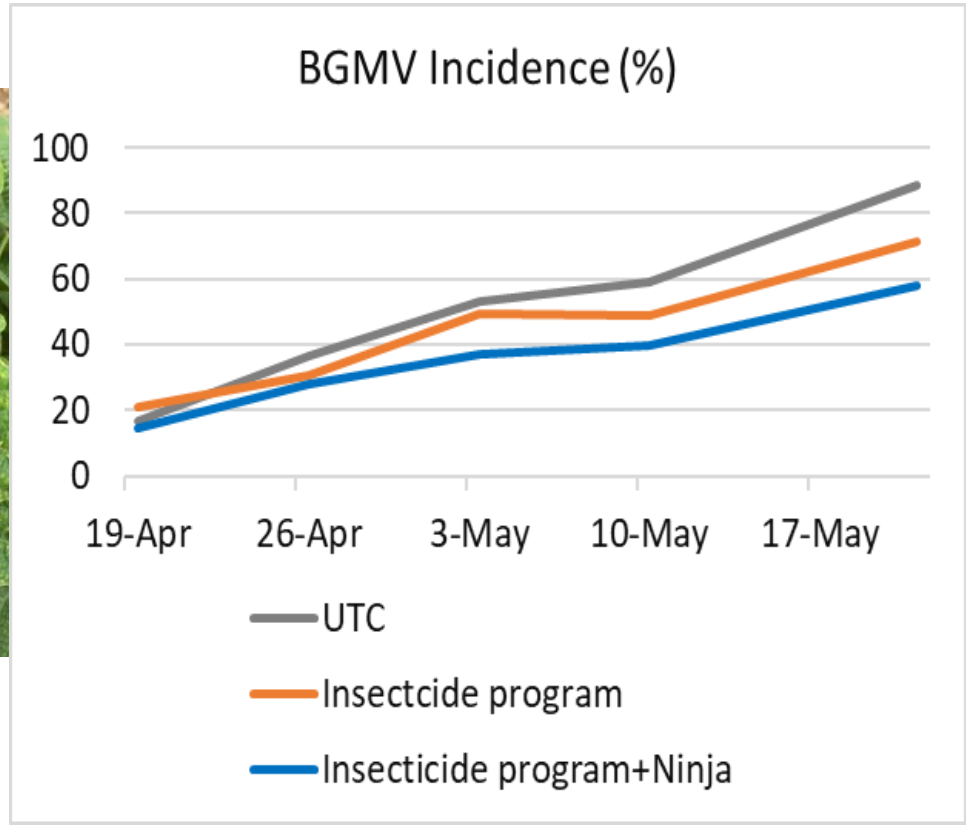
- *Fusarium*
- *Phytophthora*
- *Pythium*
- *Rhizoctonia*
- *Thielaviopsis*

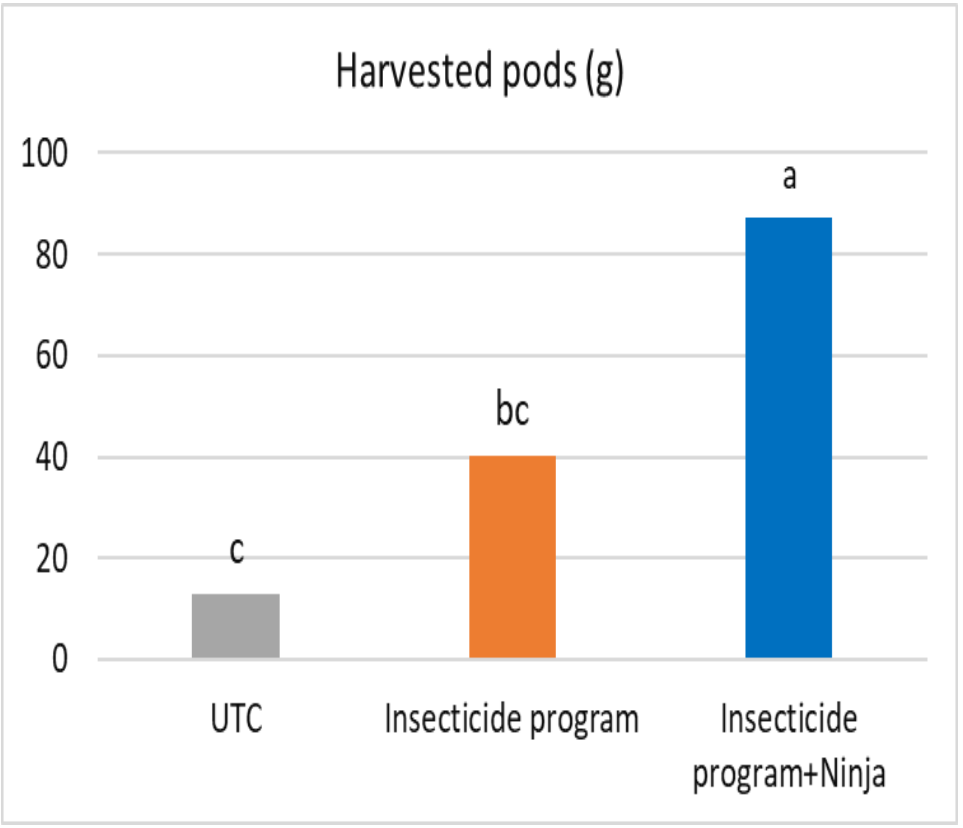
Control of powdery mildew on grape



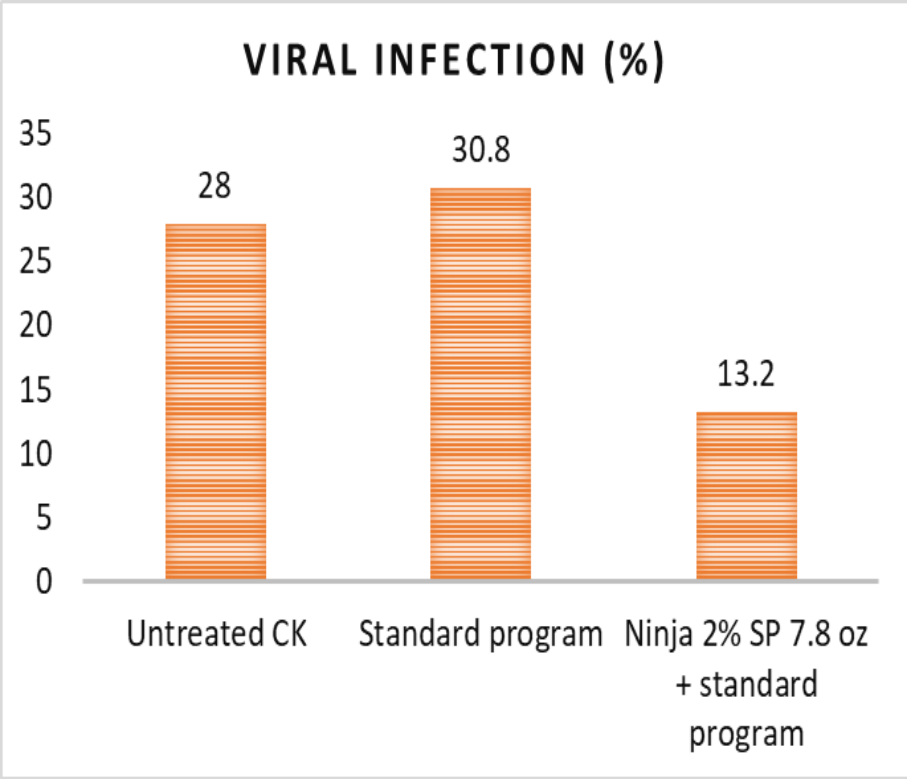


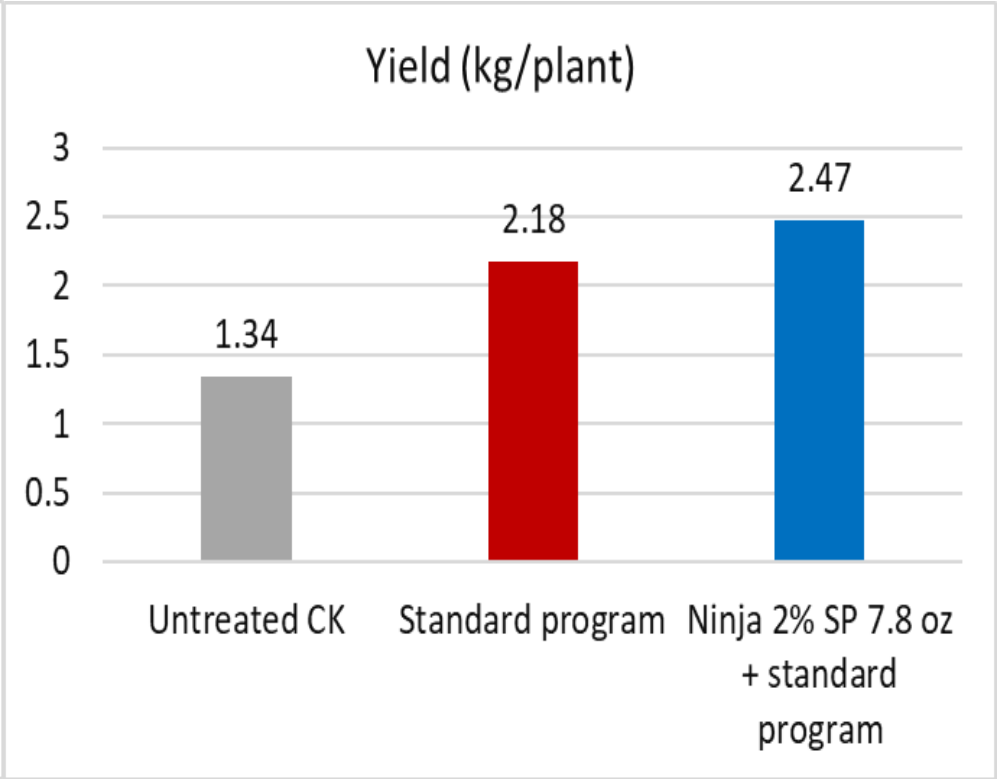
This study was to investigate SP2700 in rotation with synthetic fungicide Luna Experience (Bayer), the results showed SP2700 is a strong biological powdery mildew material for rotation program





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