



PEPPERS



# BioPath® Applications in Peppers

October, 2018

## OBJECTIVE

Evaluate the effect of BioPath applied to peppers and its influence on harvest quality and marketable yield.

## OVERVIEW

- Some applied fertilizer and other soil nutrients are unavailable to the plant during nutrient uptake due to complex physical and chemical interactions.
- Some soil microbes can influence these interactions to increase plant nutrient availability and improve nutrient uptake and utilization, resulting in increased plant biomass and vigor.
- Some products (e.g., BioPath) contain multiple bacterial species that are specifically selected and formulated to promote plant nutrient availability.

## TRIAL DETAILS

**Crop:** Peppers

**Years:** 2017-2018

**Locations:** Florida, California

**Data Source:** Studies were conducted by university researchers, third-party researchers and Pathway Biologic

### Treatments:

1. Grower Standard Practice
2. Grower Standard Practice plus BioPath

**Cultivar:** Competitive cultivar compatible with regional practices

**Cropping Conditions:** All trials conformed to local cropping practices

**Application Rate:** 16 and 32 fl oz/ A

**Application Method:** Fertigation thru drip tape

**Application Timing:** At planting and 14-45 DAP

## RESULTS

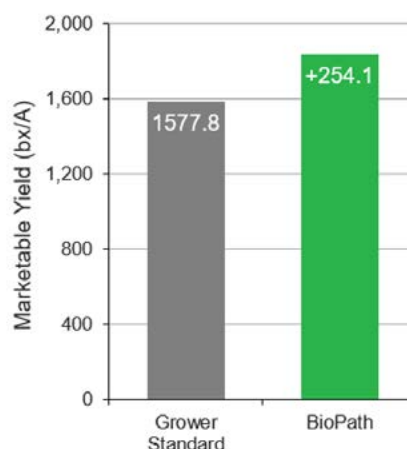


Control



BioPath

## PEPPER YIELD



## SUMMARY

- BioPath treatment yielded a 40% increase in large fruit.
- BioPath treatment produced 254 more boxes of peppers per acre than the grower standard.
- BioPath treatment provided an increase of 4.1% in percent marketable yield over the grower standard.

**40%**

INCREASE IN  
LARGE FRUIT  
WAS SEEN

**254**

MORE BOXES  
PER ACRE  
THAN STANDARD  
GROWERS

**4.1%**

IN PERCENT  
MARKETABLE  
YIELD OVER  
THE GROWER  
STANDARD

