

Commercial Field Strawberry Operation, Salinas, California

## BioWorks Products Included in Trial

RootShield<sup>®</sup> PLUS<sup>+</sup> WP

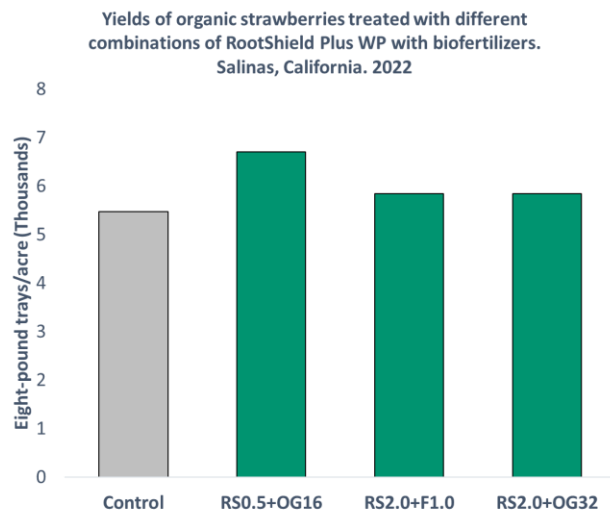
ON-Gard<sup>®</sup>

**Summary:** In field soils with high levels of *Fusarium*, poor microbial diversity, salinity, and high temperatures, a combination of low RootShield PLUS<sup>+</sup> WP and ON-Gard rates applied every 14 days provided 22.5% yield increase over the control treatment.

### Method Summary

Crop	Strawberry
Variety	Big Sur
Location	Salinas, California - Field
Disease	<i>Fusarium oxysporum</i> f. sp. <i>fragariae</i>
Application Method	Drip line

Treatment	Rate	Application Frequency
Non-treated Control	-	-
Control (Triamum)	1.0 lb/acre	28 days
RootShield PLUS <sup>+</sup> WP with ON-Gard	0.5 lb/acre 16 fl oz/acre	14 days
RootShield PLUS <sup>+</sup> WP with Fusion	2.0 lb/acre /acre	28 days
RootShield PLUS <sup>+</sup> WP with ON-Gard	2.0 lb/acre 32 fl oz/acre	28 days



RootShield PLUS<sup>+</sup> WP combined with ON-Gard resulted in the highest yield compared to all other treatments.

## Result Summary

- RootShield *PLUS*<sup>+</sup> WP with ON-Gard reduced effects of biotic and abiotic stress over the control (Triatum).
- The highest yields were achieved using the combination treatment of RootShield *PLUS*<sup>+</sup> WP and ON-Gard (6,700 8-lb trays/A) compared to the control (5,469 8-lb trays/A), resulting in a **22.5%** increase in harvestable yield (>1,200 8-lb trays).

## Recommendations from Data

- Use RootShield *PLUS*<sup>+</sup> with ON-Gard to increase harvestable yield and improve microbial diversity in the soil.
- Use low rate, high frequency applications on field strawberries to optimize the yield increase from RootShield *PLUS*<sup>+</sup> with ON-Gard.



- Check BioWorks product compatibility at: <https://bioworksinc.com/ask-us/product-compatibility/>

Refer to product labels for complete application details. Additional technical information is available on our website (<https://bioworksinc.com/>) or from your BioWorks biological solutions advisor. Always read and follow label directions.