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## BioWorks Products Included in Trial

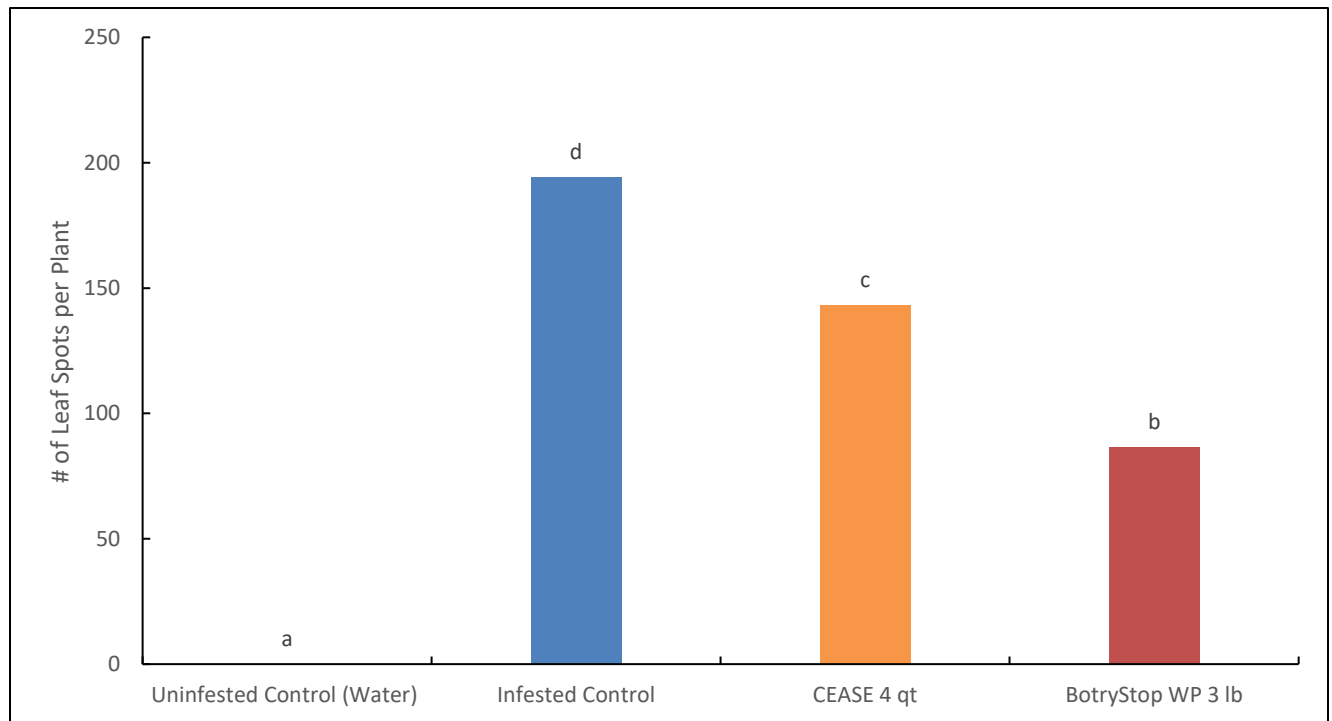
CEASE®

BotryStop® WP

**Summary:** Both CEASE and BotryStop WP applied weekly significantly decreased the number of *Xanthomonas* leaf spots per plant compared to the infested control.

Treatment	Rate
Uninfested Control	-
Infested Control	-
CEASE	4 qt/100 gal
BotryStop WP	3 lb/100 gal

Method Summary	
Crop	Geranium
Variety	Americana Bright Red
Location	Apopka, Florida - Greenhouse
Disease	<i>Xanthomonas</i> leaf spot ( <i>X. hortorum</i> pv. <i>pelargonii</i> )
Trial Design	Randomized Complete Block
Application Dates	6/14/2022
	6/21/2022
	6/28/2022
Application Method	Foliar spray



Number of *Xanthomonas* leaf spots per plant compared to a positive (disease infested) and negative (uninfested) control. Means followed by the same letter do not differ significantly from each other.

## Result Summary

- Three weekly applications of CEASE statistically reduced the number of *Xanthomonas* leaf spots by 51 lesions per plant compared to the infested control.
- Three weekly applications of BotryStop WP statistically reduced the number of *Xanthomonas* leaf spots by 107 lesions per plant compared to the infested control.

## Recommendations from Data

- Apply CEASE at 4-6 qts/100 gallons to the foliage every 3 to 7 days to suppress *Xanthomonas*. Cease is also effective against other foliar diseases such as powdery mildew, downy mildew, and *Botrytis*. Refer to the label for a full list of diseases.
- Apply BotryStop WP at 2-3 lbs/100 gallons to the foliage every 7 to 10 days to suppress *Xanthomonas* and other foliar diseases like *Botrytis* spp.
- Rotate applications of CEASE and BotryStop WP (7 days apart) or tank-mix/rotate with other compatible fungicides in an integrated resistance management program. **Note:** CEASE is not tank-mix compatible with BotryStop WP.



- 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.