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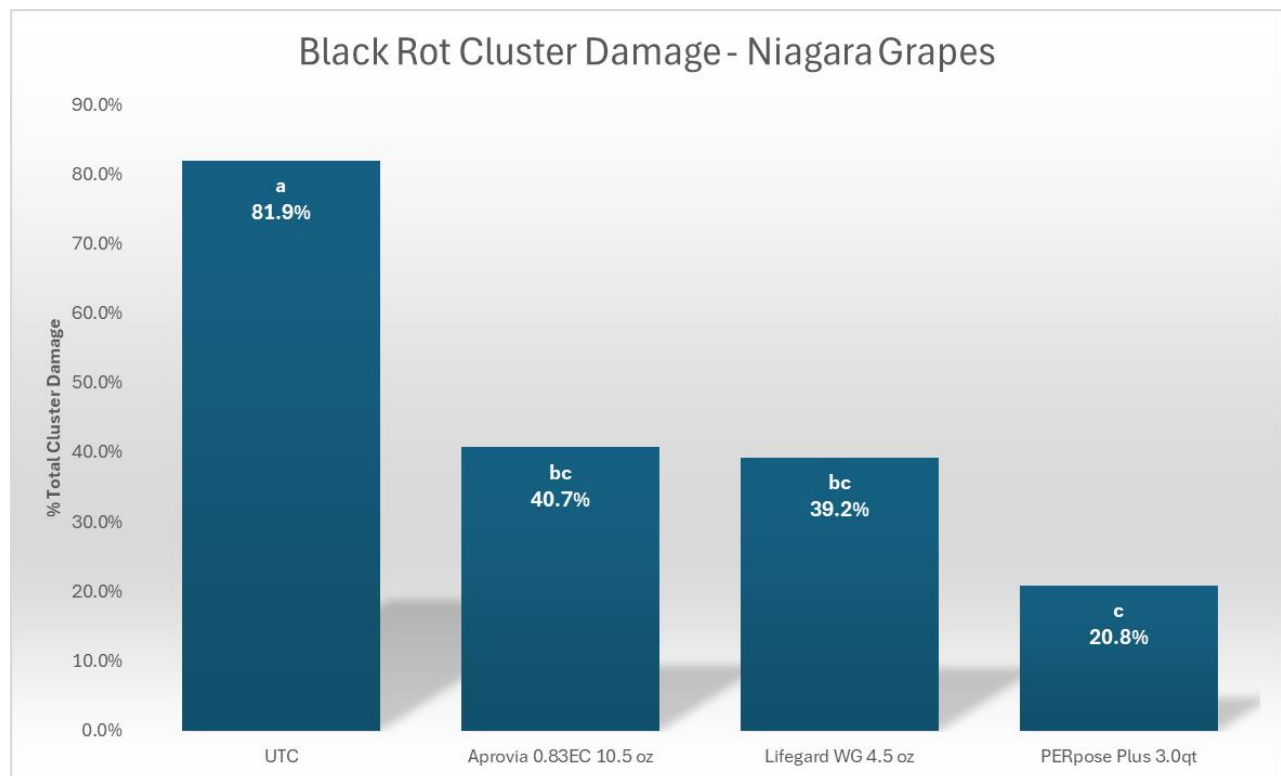
BioWorks Products Included in Trial

PERpose Plus

Cornell AgriTech evaluated several disease control products for the control of black rot on Niagara grapes. PERpose Plus significantly reduced black rot damage resulting in higher quality fruit.

Treatment	Rate
Untreated Check	-
Aprovia 0.83EC	10.5 oz
Lifegard WG	4.5 oz
PERpose Plus	3.0 qt

Method Summary	
Crop	Grape
Variety	Niagara
Location	Geneva, NY - Outdoor Field
Pest	Black Rot (<i>Guignardia bidwellii</i>)
Trial Design	Randomized Complete Block
Application Dates	5/20/2024
	5/30/2024
	6/10/2024
	6/20/2024
Application Method	Foliar Spray



Total cluster damage caused by Black Rot. Treatments applied every ten days for four applications. Means followed by the same letter do not differ significantly from each other.



Result Summary

- Black rot pressure was high for this trial with total cluster damage in the untreated control of 81.9%.
- PERpose Plus reduced cluster damage more than Aprovia and Lifegard, reducing the cluster damage from 81.9% in the control to 20.8%.
- PERpose Plus reduced % total foliage damage from 8.0% in the control to 1.5%.

Recommendations from Data

- Apply PERpose Plus every 7-10 days on grapes to control damage from black rot.