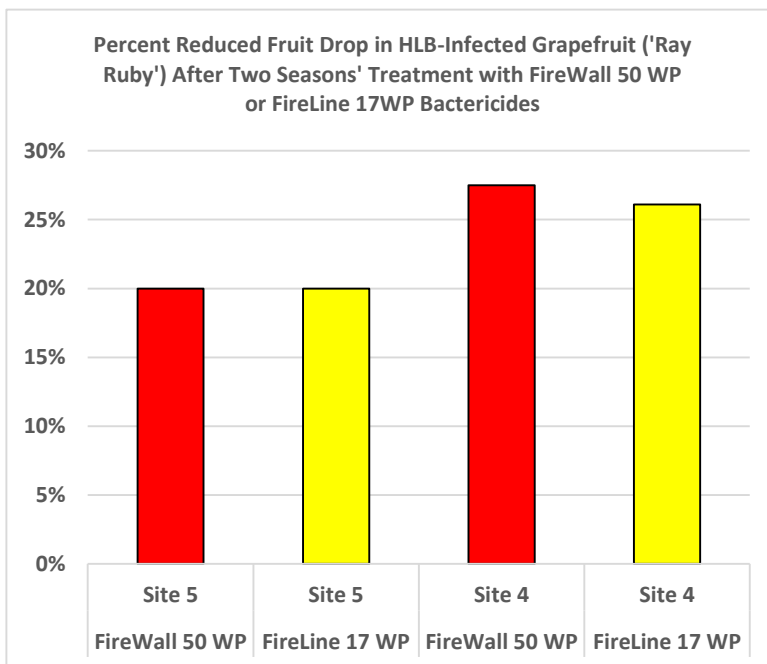




## FireWall™ 50 WP Significantly Reduces HLB-Caused Fruit Drop in Florida Grapefruit

### Technical Bulletin – No. 18

The Florida Agriculture Commissioner’s Crisis Declaration of March 4, 2016 permits applications of **FireWall 50 WP™** (and **FireLine™ 17 WP**) bactericides to combat citrus “greening” (aka Huanglongbing or “HLB”) of Florida citrus. While much attention has been focused on the beneficial response by HLB-infected citrus to FireLine treatments, multiple replicated field trials conducted over two growing seasons (2013-14 and 2014-15) have demonstrated that **FireWall 50 WP** also delivers significant reductions in HLB-caused fruit drop. Results from two of these independently-managed trials in the Indian River region are summarized in the chart below. Treated trees in both trials received FireWall 50 WP applications (11 oz./A) in the fall 2014 followed by two more applications in the spring and late summer 2015.



Compared to untreated trees, fruit drop in FireWall 50 WP-treated grapefruit trees was statistically and economically significant in both trials (see chart at left). A reduction in fruit drop from FireWall 50 WP treatment is really a yield increase. Assuming an average tree yield for non-FireWall 50 WP treated grapefruit of 333 boxes per acre and an on-tree value of \$6.89/box<sup>1</sup>, a 23.75% yield increase (the average for these two sites with FireWall 50 WP) translates into a \$544.91/A increase in revenue, less application and material costs.

From these real-world examples taken from actual scientific and replicated field trials conducted in the Indian River

region, it’s clear that treatment of Florida grapefruit with FireWall 50 WP delivers cost-effective benefits within 2 years while helping to restore tree health from the adverse effects of HLB. For more information about **FireLine™ 17 WP** and **FireWall 50 WP™** bactericides, please contact AgroSource Florida sales representative Bo Meador at (863) 673-0727, email us at [sales@agrosource.net](mailto:sales@agrosource.net); or visit us on the web at [www.agrosource.net](http://www.agrosource.net).

<sup>1</sup> Average yield figures for Red Grapefruit and average on-tree value are taken from the **Florida Citrus Statistics, 2014-2015** edition, p. 21. Available at: [https://www.nass.usda.gov/Statistics\\_by\\_State/Florida/Publications/Citrus/fcs/2014-15/fcs1415.pdf](https://www.nass.usda.gov/Statistics_by_State/Florida/Publications/Citrus/fcs/2014-15/fcs1415.pdf)