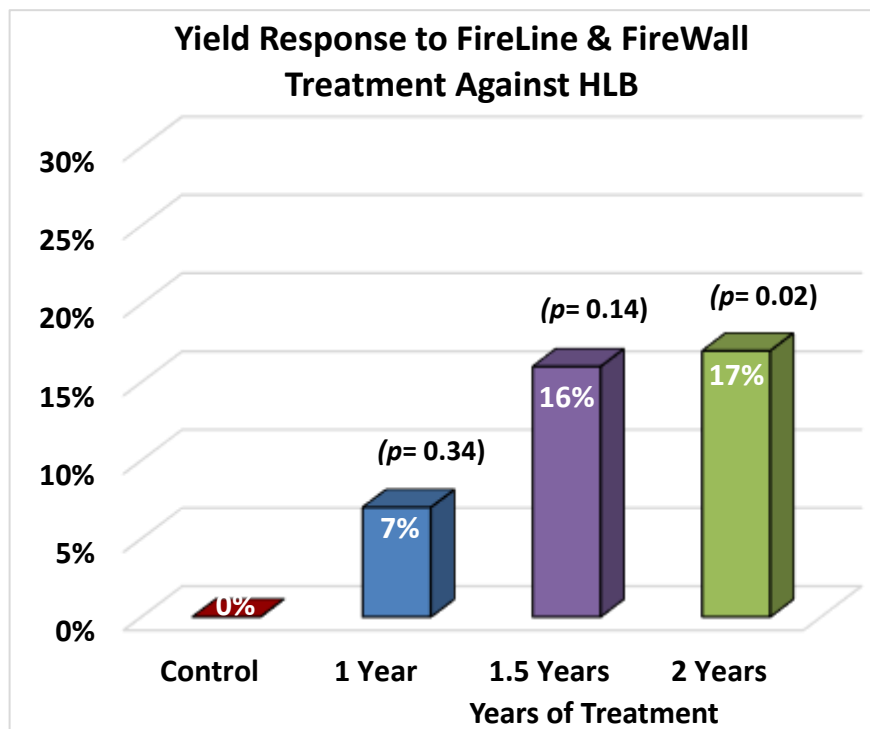




## Citrus Yields Significantly Increased in 2<sup>nd</sup> Season of AgroSource HLB Bactericide Program

### Technical Bulletin – No. 22

Large-scale, scientifically designed, field trials within commercially-managed Florida citrus groves over the past two years has led to the **AgroSource HLB Bactericide Program\***, which utilizes multiple **FireLine™ 17 WP** and **FireWall™ 50 WP** treatments with selected adjuvants to fight *Huanglongbing* (HLB or citrus greening). Results from these trials indicate significant yield responses are less likely within the first year but as the treatments continue into the 2<sup>nd</sup> year, the probability for significant yield increase becomes more evident (see figure below).



These results are from field trials comprising 750 trees ('Hamlin' and 'Valencia' oranges as well as grapefruit) within nine different groves across Florida. After two full years of treatment, yield increase across these trials was statistically significant ( $P=0.02$ ) and averaged 17% compared to Untreated Control trees. These data support the understanding that since the bacterium responsible for citrus greening '*Candidatus Liberibacter asiaticus*' (CLAs) resides within the tree's vascular network, it generally takes from three months to a full season of the **AgroSource HLB Bactericide Program** to

reach the bacteria and, with continued treatments, tree health and production can begin to recover as early as the second season.

Scientific, replicated trials established in real-world, commercially producing Florida citrus groves indicate the AgroSource HLB Bactericide Program utilizing FireLine™ 17 WP and FireWall™ 50 WP treatments and specific adjuvants proven to facilitate uptake and systemic translocation can help turn the tide against HLB (see AgroSource Technical Bulletin No. 23 – available on the AgroSource website). For more detailed information about FireLine™ 17 WP and FireWall 50 WP™ bactericides, please contact your AgroSource Florida sales representative Bo Meador at [bo.meador@agrosource.net](mailto:bo.meador@agrosource.net) or call him at (863) 673-0727. You can also email us at [sales@agrosource.net](mailto:sales@agrosource.net) or visit us at [www.agrosource.net](http://www.agrosource.net).

\*For more details regarding the AgroSource HLB Bactericide Program, please go to: <http://www.agrosource.net/Citrus>  
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