



Estimated Residue Levels on Grapefruit from Applications of FireWall™ 50 WP

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As part of the EPA registration process for FireWall on grapefruit, a series of independent field trials were conducted at eight locations in the U.S. FireWall was applied to mature grapefruit groves twice at 21 (20-22) day intervals late in the growing season (August through October) at the equivalent of 11 oz. FireWall 50 WP per acre. Fruit were harvested approximately 60 days after the last treatment and analyzed for streptomycin residues. Results were statistically analyzed to provide general guidance to Florida commercial grapefruit growers as to expected streptomycin residues following the use of FireWall 50 WP to aid in the control of citrus canker (*Xanthomonas citri* pv *citri*).

Key findings from these residue trials are:

- **No detectable streptomycin residue was found in juice or oil.**
- All detectable residue was in grapefruit peel and/or pomace.
- Across all eight field trials, streptomycin residues in peel and pomace at approximately 60 days after last treatment averaged 0.038 ppm; the lowest was <0.01 ppm and the highest was 0.085 ppm.
- A 5-minute washing step removed, on average, more than two-thirds (69%) of streptomycin residues from fruit surfaces.
- Linear regression analysis of declining residues predicted that, after washing, the highest residue (0.085 ppm) would fall to non-detectable levels at 98 days after last application while the average residue (0.038 ppm) would fall to non-detectable levels 65 days after last application.

Information contained herein reflects results of specific research and testing commissioned by AgroSource, Inc. and is provided only as a courtesy to potential users of FireWall. It is provided with the understanding that residue levels may vary and that users will reach their own independent decisions about their disease management programs and independent conclusions about the risks and rewards of using any given product and the active ingredient residues that may or may not result. AgroSource, Inc. makes no guaranty, warranty, or representation, here or elsewhere, as to the actual residues that will or might occur after treatment with FireWall.

All applicable directions, restrictions, and precautions on the EPA-registered label for FireWall 50 WP must be followed as well as those on the Section 18 label for FireWall 50 WP. Refer to the FireWall 50 WP Section 18 label for additional information and/or restrictions regarding its application to Florida grapefruit. Always read and follow label instructions. For more information about FireWall, please contact AgroSource at (908) 931-9001, email sales@agrosource.net or visit us on the web at www.agrosource.net.