

## FireWall™ 50 WP Best Practices on Grapefruit for Export

---

### Technical Bulletin No. 36

As part of the registration process for FireWall™ 50 WP (“FireWall”) for use on grapefruit for HLB management, the US EPA required a series of independent field trials to establish the pre-harvest interval (PHI). In these experimental trials, three applications of FireWall were made according to label recommendations, except at 33 oz. per acre rate, which is triple the label rate (needed for study purposes only). Fruit harvested at multiple time intervals after the final application were then analyzed for streptomycin residue. Results from these analyses using an analytical method with a detection limit of 0.002 ppm revealed how quickly streptomycin residues declined in treated fruit.

These data indicate that the following best practices minimize the potential for detectable streptomycin residue following FireWall application to grapefruit:

- Follow FireWall label use directions including:
  - Use rate of 11 oz. per acre.
  - Maximum of 3 applications per season.
  - Minimum 21 days between applications.
- The PHI on the FireWall label is designed to meet US EPA established tolerance limits for the US domestic market and does not apply to export markets.
- Packers and growers shipping internationally need to determine if their commodity will meet the export market MRL or default requirements, as these often differ among countries, may change at any time, and may differ substantially from the US standard.
- Based on data from FireWall residue trials conducted by independent contract researchers on grapefruit:
  - Following 2 applications of FireWall, the level of streptomycin is predicted to fall below detectable levels at **98 days** after the last application.
  - Following 3 applications of FireWall, the level of streptomycin is predicted to fall below detectable levels at **139 days** after the last application.



For more information about FireWall, please contact AgroSource at [sales@agrosource.net](mailto:sales@agrosource.net) or visit us at [www.agrosource.net](http://www.agrosource.net).

*Information contained herein reflects results of specific research and testing commissioned by AgroSource, Inc. with qualified professional laboratories under EPA approved “Good Laboratory Practices” 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. does not endorse any use that in any way violates the label. 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™.*