



FireLine™ 17 WP & FireWall™ 50 WP Systemic Movement Facilitated by Specific Adjuvants & Nutritional

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Since 2014, FireLine™ 17 WP and FireWall™ 50 WP bactericides have demonstrated real-world efficacy against ‘*Candidatus Liberibacter asiaticus*’ (CLas), the causal bacteria of ‘HLB’ or ‘greening’ in Florida citrus. However, because the CLas pathogen resides in the phloem of the tree, both penetration and the subsequent systemic movement of FireLine™ 17 WP and FireWall™ 50 WP bactericides are essential. Thus, ***applications of FireLine™ 17 WP and FireWall™ 50 WP to citrus should always be made with a specialized spray adjuvant or foliar nutritional product with known ability to facilitate and enhance both the uptake and systemic movement of FireLine™ 17 WP and FireWall™ 50 WP.***

Under the framework of a Cooperative Research and Development Agreement (CRADA) established with the USDA ARS at Ft. Pierce in 2013, AgroSource has conducted laboratory, greenhouse and field research to scientifically evaluate a wide range of adjuvants and nutritional applied at label rates with FireLine™ 17 WP and FireWall™ 50 WP to facilitate systemic movement in Florida citrus. Results of this research are summarized in the table below.

Systemic Activity with FireLine™ 17 WP		
Product Type	Trade Name	Rating
Adjuvant	COHERE®	√
	EXIT®	√√
	GROUND®	√√√
	JOINT VENTURE®	√√√
	LI 700®	√√√
	TACTIC™	√
Nutritional	KeyPlex® 445 DP®	√√

Systemic Activity with FireWall™ 50 WP		
Product Type	Trade Name	Rating
Adjuvant	COHERE®	√
	EXIT®	√√
	GROUND®	√√
	JOINT VENTURE®	√√√
	PHASE®	√
	TACTIC™	√√
Nutritional	CoRoN®	√
	KeyPlex® 445 DP®	√
	NUTRISYNC® ZINC	√√√
	N-Sure®	√√√

“√” = Moderate systemic movement of active

“√√” = Good systemic movement of active ingredient recorded in trials.

“√√√” = Better systemic movement of active ingredient recorded in trials.

Note: this information is provided as a guide only; individual results may vary.

For more detailed 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; or visit us on the web at www.agrosource.net

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