

Establishment of a Collection of Citrus Greening Isolates

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ABSTRACT. A collection of citrus greening isolates has been established and is being maintained for research purposes in the quarantine plant facilities, USDA-ARS, BARC-West, Beltsville, MD. The collection includes several isolates of greening from South Africa, greening from Reunion, citrus yellow shoot from People's Republic of China, Likubin from Republic of China, greening from India and from the Philippines. Many of the isolates in the collection have been freed of citrus tristeza virus co-infection by passage through trifoliolate orange seedlings. This collection is being used for development of diagnostic procedures, culturing attempts, evaluation of symptoms expression of the different isolates under a uniform environment, and host range comparisons.