

Control of Phytophthora Root Rot of Avocado With Phosphorous Acid.

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Abstract

P. cinnamomi root rot was controlled by spraying or drenching with phosphorous acid partially neutralized with potassium hydroxide, or with fosetyl AI. Phosphoric acid drenches increased root rot, whereas dolomitic limestone, gypsum or diammonium phosphate had no effect. A 20% solution of partially neutralized phosphorous acid when injected into the trunks of 7-yr-old trees affected by root rot permitted rapid recovery of the trees over a 12 month period. Injections with fosetyl AI and a 10% solution of phosphorous acid, and soil applications of metalaxyl gave slower remission of disease symptoms.

1985. *Australasian Plant Pathology* 14(2) 25 - 29