Fungicidal control in pineapple and avocado of diseases caused by \textit{Phytophthora cinnamomi}

RN Allen, KG Pegg, LI Forsberg and DJ Firth

Abstract
Root and heart rot diseases of pineapples and root rot of avocado caused by \textit{P. cinnamomi} were controlled with fungicides. In pineapples, treatments were applied at planting and again after one and two months. Ridomil (0.8 kg a.i. ha-1) and Aliette (8 kg a.i. ha-1) controlled \textit{P. cinnamomi} better than the standard Difolatan treatment (10 kg a.i. ha-1). In avocado nursery plants, Ridomil mixed with the soil before planting (1 g a.i. per 10 l soil) or drenched onto the soil surface around established plants (1 g a.i. per 10 l container) controlled root rot for at least four months after treatment. Two applications of Ridomil, applied at a rate of 5 g a.i. m-2 as a soil drench beneath the canopy of 7 year old trees affected by root rot, controlled \textit{P. cinnamomi} without affecting its biological antagonists and permitted trees to recover over a 12-month period.