

# **Fungicidal control in pineapple and avocado of diseases caused by *Phytophthora cinnamomi***

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## **Abstract**

Root and heart rot diseases of pineapples and root rot of avocado caused by *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<sup>-1</sup>) and Aliette (8 kg a.i. ha<sup>-1</sup>) controlled *P. cinnamomi* better than the standard Difolatan treatment (11 kg a.i. ha<sup>-1</sup>). 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<sup>-2</sup> as a soil drench beneath the canopy of 7 year old trees affected by root rot, controlled *P. cinnamomi* without affecting its biological antagonists and permitted trees to recover over a 12-month period.

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