

**OPTIMIZING THE REPLANTING OF ORCHARDS
INFESTED WITH *Phytophthora cinnamomi***

L. Rose

Brokaw Nursery LLC 1419 Lirio Avenue, Saticoy, California 93007, USA

Correo electrónico: larry@brokawnursery.com

Clonal avocado rootstocks predominate commercial plantings in California. Avocado growers recognize the potential of clonal rootstocks for greater productivity, uniformity and benefits of adaptability to soil stress factors. The majority of clonal rootstocks have performed well when planted in locations free from infestations of *Phytophthora cinnamomi* (P.c.). Replanting Hass where avocado trees have declined from root rot can be problematic. Horticultural limitations have been identified that can guide growers when deciding whether or not to replant avocado trees in infested orchards.

Growers have implemented an integrated approach to replanting in root rot infested soils. In spite of this practice, replanted Hass trees may have difficulty becoming established or decline at a later time when stress factors prevail or conditions favorable to epidemic P.c. overwhelm trees. California growers utilizing a systematic, pre-screening approach can evaluate suitability for replant success. This will maximize avocado productivity in disease-infested soils or eliminate locations too costly to replant.