

Steaming-on-the-Go

A service for nurseries provided by NORS-DUC

The National Ornamentals Research Site at Dominican University of California

Heat treatment is a well-established method for the mitigation of plant pathogens. At NORS-DUC we use steaming for the decontamination of research plots in which experiments with *Phytophthora ramorum* or other quarantine pathogens were conducted. Heat treatment at a temperature of 50°C for 30 minutes will kill *P. ramorum* (Schweigkofler et al. 2014). Based on research done at NORS-DUC, USDA APHIS accepted steaming as an official treatment for nursery soil infested with *P. ramorum*.

Steaming is now an established part of the Best Management Practices (BMP) in several nurseries in and outside of California. Steaming can be used to mitigate existing soil beds in situ, but also potting mixes, pots, and other nursery equipment and will reduce the risk of establishment and transmission of plant diseases.

We offer:

- Steaming of contaminated soil, potting mix, nursery equipment, and pots
- Design of steam sites
- Development of manifolds
- Consulting on soil pathogens and management





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- We serve the greater San Francisco Bay Area and surrounding counties.
- Treatments can last from a few hours to several days depending on plot size.
- Access to a water source is needed for treatment.
- Please inquire for price quote

Questions? Please, contact us.

NORS-DUC

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