

PACIFIC SOUTHWEST RESEARCH STATION  
SUDDEN OAK DEATH RESEARCH PROGRAM

A LIST OF PROPOSALS FUNDED IN RESPONSE TO  
FY'03 REQUEST FOR PROPOSALS  
FUNDED BY  
USDA FOREST SERVICE  
&  
CALIFORNIA DEPARTMENT OF FORESTRY  
AND FIRE PROTECTION

**BELTZ, H., BRAND, T., SEIPP, D., WAGNER, S., and WERRES, S.** Chamber of Agriculture, Department of Horticulture, Bad Zwischenahn, Germany. Infectivity and survival of *P. ramorum* in recirculation water. (2 yrs. \$40,462)

**CUSHMAN, J. and MEENTEMEYER, R.** California State University, Sonoma, CA. Influence of land-use history and vertebrates on the occurrence and spread of *Phytophthora ramorum*. (2yrs \$156,448)

**DOYLE, S.** Joint Genome Institute, Department of Energy/University of California, Berkeley. Development of DNA aptamers for field detection of *Phytophthora ramorum*. (2 yrs. \$205,458)

**GOTTSCHALK, K., MacDONALD, W., JUZWIK, J., and LONG, R.** USDA Forest Service, Northeastern Experiment Station, Morgantown, WV. *Phytophthora ramorum* in eastern United States forests: Sampling for presence and determining baseline *Phytophthora* species occurrence. (1 yr. \$88,000)

**KELLY, M.** University of California, Berkeley. Modeling potential spread of *P. ramorum* in the conterminous United States: effects of different models on modeled risk. (1 yr. \$29,786)

**KELSEY, R. and MANTER, D.** USDA Forest Service, Pacific Northwest Research Station, Corvallis, OR. Evaluating the role of host and non-host defensive chemicals on the pathogenicity and spore viability of *Phytophthora ramorum*. (2yr. \$125,000)

**MARTIN, F.** USDA-Agriculture Research Service, Salinas, CA. Molecular diagnosis of *Phytophthora* spp., Sudden Oak Death as a case study. (2yrs \$71,611)

**MacDONALD, J., AND BOSTOCK, R.** University of California, Davis, CA. The ecology and control of *Phytophthora ramorum* in nurseries. (2 yrs \$50,000+)

**PARKE, J. and LINDERMAN, R.** Oregon State University, Corvallis, OR. Survival and dissemination of *Phytophthora ramorum* in soil and potting media. (1 yr. \$83,000)

**STONE, J., and WINTON, L.** Oregon State University, Corvallis, OR. Histopathology and PCR *in situ* visualization of *Phytophthora ramorum* within plant tissues. (1 yr. \$82,404)

**SWIECKI, T. and BERNHARDT, E.** Phytosphere Research Inc, Vacaville, CA. Key factors affecting disease risk, progression of disease and subsequent failure in trees infected with *Phytophthora ramorum*: A continuation of previous studies. (2yrs. \$103,226)

**TJOSVOLD, S.** University of California, Cooperative Extension, Watsonville, CA. Evaluation of fungicides for the control of *Phytophthora ramorum* infecting containerized *Camellia*, *Viburnum* and *Pieris* spp. (1 yr. \$18,135)

**TJOSVOLD, S.** University of California, Cooperative Extension, Watsonville, CA. The effect of soil inoculum concentration, presence of inoculum in irrigation water, irrigation method, and plant disease incidence on the epidemiology of *Phytophthora ramorum* affecting containerized Rhododendron. (1 yr. \$50,583)