

Norman, D.J.; Benson, M.M.; and Daughtrey, M.L. 2010. Efficacy of ametoctradin + dimethomorph for control of *Phytophthora* species infecting ornamental plants in the Eastern United States. *Phytopathology* 100:S90.

Efficacy of fungicide active ingredients varies against *Phytophthora* species. In ornamental plant production, multiple species of *Phytophthora* may be found within a geographic region, within a single production facility, and even within a crop species grown in one production facility. The new fungicide product Orvego contains two active ingredients, ametoctradin and dimethomorph. Orvego is a foliar and root penetrant with translaminar and locally systemic activity making it an effective control against multiple *Phytophthora* species. Preliminary tests of Orvego on both annual and perennial ornamental crops under both greenhouse and field conditions have been conducted. Results indicate that Orvego was very effective in controlling *P. cryptogea*, *P. dreschleri*, *P. cinnamomi*, *P. tropicalis*, and *P. nicotianae* species on Gerbera daisy, *Rhododendron*, English ivy, and pansy. Orvego has multiple modes of action against the pathogen and it should be an effective rotation partner with other Oomycete control products for resistance management.