

Susceptibility of Commercial Boxwood Varieties to *Cylindrocladium buxicola*

Miranda Ganci, D. M. Benson and K. L. Ivors

Department of Plant Pathology, North Carolina State University

Susceptibility to box blight (*Cylindrocladium buxicola* = *C. pseudonaviculatum* = *Calonectria pseudonaviculata*) was evaluated for twenty three varieties of boxwood (*Buxus* spp.) at the Mountain Horticultural Crops Research and Extension Center in Mills River, NC during the summer of 2012. Disease assessments were performed based on a modified Horsfall-Barratt scale including percent leaf area diseased and percent stem streaking. The results shown below are based on the final disease assessment. Our results indicate a wide range in susceptibility of *Buxus* spp. to the boxwood blight pathogen. The varieties listed as tolerant had minimal lesion development caused by *C. buxicola*. It is important to note that some of these varieties are limited in their optimal plant hardiness zones; make sure to look up specific growing requirements for each variety before recommending them in your area.

Susceptibility of Commercial Varieties to Box Blight (analysis based on final disease assessment)

