

No boxwood are currently immune to boxwood blight (immune=unable to be infected by the boxwood pathogen). However, there are boxwood cultivars that show only very few minor or barely noticeable symptoms of the disease, despite being infected with the boxwood blight fungus. Such cultivars are characterized as boxwood blight “resistant” or “tolerant”. Among such cultivars, there are various levels of “resistance” (or “tolerance”) to boxwood blight. For example, a cultivar may be characterized as “very resistant” or “moderately resistant” to boxwood blight. Susceptible cultivars are similarly characterized by their degrees of susceptibility (e.g. “highly susceptible”, “moderately susceptible”, etc.).

The tables below list some boxwood that were shown to be resistant (Table 1) or very susceptible (Table 2) to the boxwood blight pathogen in research trials. Research into boxwood blight resistance is ongoing, so new resistant cultivars will continue to be released into the marketplace.

Table 1. Some Boxwood Blight-Resistant/Tolerant Cultivars¹

Species	Cultivar	Leafminer resistance ²
<i>Buxus microphylla</i> var. <i>japonica</i>	Green Beauty	-
<i>B. microphylla</i>	Northern Emerald	-
<i>B. microphylla</i>	Wedding Ring	unknown
<i>B. microphylla</i>	Wintergreen	+
<i>B. microphylla</i>	Golden Dream	++
<i>B. microphylla</i>	Winter Gem	++
<i>B. sinica</i> var. <i>insularis</i>	Nana	++
<i>B. sinica</i> var. <i>insularis</i>	Franklin’s Gem	++
<i>B. sinica</i> var. <i>insularis</i>	Wee Willie	++
<i>B. harlandii</i>	Richard	++

Table 2. Some Cultivars Very Susceptible to Boxwood Blight¹

Species	Cultivar
<i>Buxus sempervirens</i>	Suffruticosa
<i>B. microphylla</i> var. <i>japonica</i>	Morris Midget
<i>B. sempervirens</i>	Justin Brouwers
<i>B. sempervirens</i>	American
<i>B. sempervirens</i>	Halifax American
<i>B. sempervirens</i>	Fineline
<i>B. sempervirens</i>	Black American
<i>B. sempervirens</i>	Arborescens
<i>B. sempervirens</i>	Aurea Pendula
<i>B. sempervirens</i>	Latifolia Maculata



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¹Selected from Ganci, M. L (2014) Investigation of host resistance in *Buxus* species to the fungal plant pathogen *Calonectria pseudonaviculata* (= *Cylindrocladium buxicola*), the causal agent of boxwood blight and determination of overwinter pathogen survival, Master of Science Thesis, North Carolina State University

² Leafminer resistance rating: ++, very resistant; +, somewhat resistant; -, somewhat susceptible, based on Boxwood Guide, Saunders Brothers, 5th edition (2017)