



United States Department of Agriculture

Research, Education and Economics
Agricultural Research Service

10 May 2019

Example Name
Example Nursery
Example Address

Dear Example Name,

Thank you for letting us sample at your nursery for the Boxwood Blight Survey that my laboratory is conducting. Below is a summary of our findings from your nursery on the amount of positive Boxwood Blight (BB, highlighted in gray) and Volutella Blight (VB) samples for each location in the nursery, including notes on the fields where I occasionally found symptoms of Phytophthora root rot (first table). I also summarized the amount of positive Boxwood Blight and Volutella Blight samples by cultivar (second table). As you can see, Chicagoland Green, Common boxwood, Green Gem, and Green Velvet were the four cultivars where I found Boxwood Blight the most often. All cultivars had Volutella Blight. Keep in mind, we were focused on collecting samples that looked diseased, so the fact that we detected Volutella Blight so often is not surprising. Almost every single brown leaf or twig will develop Volutella eventually if we leave it in a moist chamber long enough.

I hope this summary is helpful. If you have any questions or need more information, let me know.

A handwritten signature in black ink, appearing to read "Jerry Weiland".

Jerry Weiland
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For both tables:

Column 2: Number of samples testing positive for Boxwood Blight (BB) out of total number of samples from that location or cultivar.

Column 3: Percent incidence of boxwood blight. Calculated from previous column (top number/bottom number x 100).

Column 4: Number of samples testing positive for Volutella Blight (VB) out of total number of samples from that location or cultivar.

Column 5: Percent incidence of boxwood blight. Calculated from previous column (top number/bottom number x 100).

Location	# samples w. BB/ total samples	BB inc.	# samples w. VB/ total samples	VB inc.	Notes
Field 1	0/69	0%	50/69	72%	Phytophthora root rot in low-lying area.
Field 2	9/19	47%	15/19	79%	Both Green Gem and Green Velvet have BB.
Field 3	6/16	38%	11/16	69%	Chicagoland Green has BB.
GH1	0/166	0%	57/166	34%	
Block 3	0/58	0%	47/58	81%	
R farm, field 1	1/59	0%	58/59	98%	Phytophthora root rot symptoms also in field. BB only in NE corner.
R farm, field 8	0/42	0%	32/42	76%	Phytophthora root rot on Common and Green Gem.
Block 16	14/28	50%	12/28	43%	Both Green Gem and Green Velvet have BB
Block 17	0/21	0%	18/21	86%	
Block 20	3/16	19%	16/16	100%	Green Gem has BB.
Block 21	0/11	0%	11/11	100%	Lots of winter/freeze damage on tips.
R farm block 7	8/29	28%	25/29	86%	Both Common and Chicagoland Green have BB.
Z farm	0/9	0%	9/9	100%	
Total	41/543	8%	361/543	66%	

Cultivar	# samples w. BB/ total samples	BB inc.	# samples w. VB/ total samples	VB inc.
Chicagoland Green	9/56	16%	45/56	80%
Common	6/129	5%	73/129	57%
Dee Runk	0/27	0%	25/27	93%
Green Gem	15/52	29%	33/52	63%
Green Mountain	0/152	0%	76/152	50%
Green Velvet	11/99	11%	82/99	83%
Winter Gem	0/28	0%	27/28	96%