

764 **Supplemental Table 3.** Conditional independence test for susceptibility to R6-virulent strains of *Podosphaera macularis*

Statistic ^a	Mildew may	First spray date	Interval	Degree centrality	Synthetic	Nonsynthetic	Mixture	Disease incidence	Annual Costs
Pruning	0.11 (<0.001) ^b	-0.21 (<0.001)			0.16 (<0.001)	-0.16 (<0.001)			
Susceptibility to R6 strains	0.11 (<0.001)				-0.12 (<0.001)		0.20 (<0.001)	0.31 (<0.001)	
Area R6							-0.11 (<0.001)		
Mildew may			0.04 (0.16)	0.21 (<0.001)	0.02 (0.38)	-0.04 (0.08)	0.16 (<0.001)	0.39 (<0.001)	
First spray date			-0.24 (<0.001)		0.09 (<0.001)				
Interval									-0.12 (<0.001)
Initial interval after change			0.28 (<0.001)		0.09 (0.001)	-0.16 (<0.001)		0.08 (0.003)	
Degree centrality						0.40 (<0.001)		0.24 (<0.001)	0.12 (<0.001)
Synthetic			-0.21 (<0.001)	0.05 (0.06)					0.26 (<0.001)
Nonsynthetic			-0.34 (<0.001)					0.10 (<0.001)	-0.18 (<0.001)
Mixture			-0.36 (<0.001)	-0.01 (0.56)				0.28 (<0.001)	
Disease incidence									0.27 (<0.001)

765 ^a linear correlation: Pearson's linear correlation

766 ^b Parentheses are p-value.

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