

Appendix A Association of the spotted-leaf trait and bacterial blight resistance to race HB17

F ₂ mutant type individuals				F ₂ wild type individuals					
Plant	Lesion length	Plant	Lesion length	Plant	Lesion length	Plant	Lesion length	Plant	Lesion length
1	2.3±0.9	25	2.4±0.4	1	3.7±1.9	25	3.9±1.2	49	3.8±0.9
2	3.1±1.6	26	2.3±0.2	2	5.9±0.6	26	3.6±1.0	50	4.1±1.2
3	2.7±0.4	27	2.1±0.3	3	5.6±1.7	27	3.7±0.9	51	4.5±0.2
4	1.5±0.8	28	2.3±0.7	4	3.8±1.2	28	3.2±1.2	52	6.7±2.6
5	2.1±0.8	29	3.0±0.5	5	2.7±0.4	29	4.6±1.0	53	4.5±1.0
6	1.5±0.9	30	2.8±1.1	6	3.5±0.6	30	3.9±1.1	54	3.6±1.7
7	2.4±0.7	31	2.9±0.3	7	3.4±1.2	31	4.0±1.2	55	2.8±1.0
8	2.3±1.0	32	2.5±1.0	8	4.9±3.2	32	3.9±1.5	56	3.2±0.9
9	2.0±0.4	33	2.7±1.0	9	6.0±3.2	33	3.6±0.9	57	3.4±0.4
10	1.8±0.6	34	3.5±0.8	10	6.1±3.0	34	3.2±1.3	58	3.5±0.7
11	1.8±0.4	35	2.6±0.6	11	3.5±0.9	35	3.3±0.6	59	3.9±1.2
12	1.8±0.5			12	2.8±1.5	36	4.8±1.2	60	3.2±0.8
13	2.9±1.4			13	4.0±2.3	37	3.1±0.9	61	3.2±0.7
14	2.1±1.0			14	2.9±0.5	38	3.5±1.4	62	6.3±1.6
15	3.2±0.8			15	3.4±1.0	39	5.2±1.7	63	3.3±1.0
16	3.2±0.5			16	3.4±0.2	40	4.8±2.0	64	4.5±1.6
17	2.6±0.7			17	3.7±1.3	41	3.7±0.7	65	5.3±2.4
18	2.2±0.5			18	2.8±0.8	42	5.5±2.2	66	3.7±1.2
19	2.0±0.8			19	4.5±1.8	43	4.9±1.5	67	3.9±0.9
20	3.7±2.3			20	3.5±0.8	44	6.8±1.6	68	3.7±1.1
21	3.5±0.4			21	3.4±0.9	45	4.0±1.5	69	3.3±0.5
22	3.1±1.5			22	3.8±0.9	46	3.9±1.7	70	3.0±0.9
23	2.7±0.9			23	2.9±1.0	47	3.4±1.3	71	3.9±1.4
24	2.5±0.9			24	4.2±1.1	48	3.4±1.0	72	3.5±1.4
Mean		2.5±0.8**		Mean			4.0±1.2		

** The mean of mutant type plants is highly significant (P=0.01) from the mean of wild type plants by T-test