

**Ontario Phytophthora Tolerance Test 2024  
Woodslee, Ontario**

Planting Date: 2024 June 13

Stand Counts:

2200 & 2400: 2024 August 29

2600: 2024 September 16

2800: 2024 September 16

3100 & 3400: 2024 September 27

Plot Size: Single row, 50 seeds/row

Replications: 4, randomized blocks

**2024 Phytophthora Tolerance Test 2200 & 2400**

Entry #	Name	Average stand		
		count	% stand	% loss
2	ABACA	34	67	33
3	Amino R2X	38	77	23
4	Atiron	37	73	27
5	Aurelina	36	71	29
6	B0073EE	30	60	40
7	Bellistar	19	38	62
8	Bourke R2X	35	71	29
9	Bronco R2X	25	50	50
12	Donaldo R2X	39	78	22
13	Elmo E3	36	71	29
14	Enduro E3	38	75	25
15	Fresco R2X	26	52	48
16	Hana	32	64	36
17	Hart R2X	38	76	24
18	Jador	27	54	46
19	JAGO	34	69	31
20	Koa	34	67	33
21	Kudo R2X	24	47	53
26	Liska	24	49	51
27	Luxor	36	73	27
28	Maya	42	83	17
29	Merino R2X	32	63	37
30	Mozart	30	60	40
31	Nala	32	64	36
37	P002A42E	29	59	41
38	P005A59E	29	58	42
39	Panorama	34	67	33
43	PR24X2500	35	69	31

Entry #	Name	Average stand			
		count	% stand	% loss	
44	PR24XF2450	27	54	46	
45	Prostar	24	47	53	
47	Rico R2X	25	50	50	
48	S0009-J5X	22	45	55	
49	S001-D8X	28	56	44	
50	S003-R5X	36	72	28	
51	S007-A2XS	26	52	48	
52	S007-Z1X	30	60	40	
53	S02-M4XF	36	71	29	
54	S03-V5E3	31	63	37	
55	S04-J6X	38	77	23	
56	Salto R2	35	70	30	
58	SC24-2550XF	36	72	28	
59	SI 00924XFN	31	62	38	
60	SVX0124XT	29	58	42	
61	SVX23T00S47	35	70	30	
64	Triquet R2X	31	61	39	
65	Utica	32	63	37	
66	Young R2X	30	59	41	
67	Conrad	check – high field tolerance, rps	30	60	40
68	Haro(1-7)1	check – minimal field tolerance, rps	6	11	89
69	OX20-8	check – no field tolerance, Rps 1a	0	1	99
70	Sloan	check – low field tolerance, rps	10	20	80
71	Williams	check – moderate field tolerance, rps	32	64	36
	Mean of entries		30		
	Coefficient of variation (%)		28		

## 2024 Phytophthora Tolerance Test 2600

Entry #	Name	Average stand		
		count	% stand	% loss
1	AAC Kovik	32	64	36
2	AAC Shinju	31	62	38
3	Abiza	27	53	47
4	Acora	24	49	51
5	Acuna	23	47	53
6	Alameda	36	73	27
7	Algebra	25	50	50
8	Altitude R2	28	56	44
10	Angelica	29	57	43
11	Apollina	22	45	55
12	Atacama	27	55	45
13	Atanga	33	66	34
14	Atena	37	73	27
15	Axis E3	32	64	36
16	Aya	37	75	25
17	B036CE	32	64	36
18	B043EE	25	49	51
19	B074HE	27	53	47
20	Beliveau R2X	34	67	33
21	Canstar	26	53	47
27	CP0324X	25	51	49
30	Dunham	28	55	45
31	Dyno R2X	28	55	45
34	Enyo E3	38	75	25
36	Ezra	30	60	40
37	Finch	33	65	35
38	Genesis	31	62	38
39	Harvey E3	31	62	38
40	Havane	35	69	31
41	Hola	34	68	32
42	Kagawa	31	62	38
43	Kyoto	15	30	70
47	Marula	24	49	51
48	Mason XF	34	67	33
49	Matilda	23	45	55
50	Miko R2	24	48	52
51	Mya	34	67	33
52	NA0800	32	65	35
53	Nano R2X	34	68	32
54	Navan	35	71	29
60	OAC Champion	23	47	53
61	OAC Evolution	27	55	45
62	OAC Kamran	25	51	49

Entry #	Name	Average stand			
		count	% stand	% loss	
63	OAC Strive	37	74	26	
64	OAC Wallace	26	51	49	
65	Odessa	30	60	40	
66	Orr R2X	27	54	46	
80	P04A98E	31	62	38	
81	P06A38E	34	68	32	
83	P08A44E	28	55	45	
84	Pico R2X	34	69	31	
86	PR24XF2750	29	57	43	
87	PS 0423EN	30	59	41	
88	PS 0521 XRN	29	58	42	
89	PS 0779 XRN	32	64	36	
90	PS 0944 XRN	31	62	38	
91	Ramage XF	31	63	37	
92	Ridley XF	37	73	27	
93	S01-D5	30	60	40	
94	S04-K9	33	66	34	
95	S06-A3XF	33	65	35	
96	S07-K5X	32	64	36	
97	S07-M8	24	48	52	
98	S09-B5XF	35	70	30	
99	S09-H7E3	30	61	39	
100	S10-R2	28	56	44	
101	S11-A4E3	33	66	34	
102	S11-U2XF	38	75	25	
103	S12-M5X	35	69	31	
104	Savage R2X	36	72	28	
105	SC24-2650XF	33	66	34	
106	SC24-2675XF	37	74	26	
107	SC24-2700E3	21	42	58	
108	Seabrook R2X	36	73	27	
116	SFL 06-44 IP	36	71	29	
117	SI 0323E3N	31	62	38	
118	SI 0620XTN	26	53	47	
119	SI 0720E3N	36	72	28	
120	SI 0921XTN	30	60	40	
127	Verdo	36	72	28	
128	Wilma	35	71	29	
129	Conrad	check – high field tolerance, rps	30	59	41
130	Haro(1-7)1	check – minimal field tolerance, rps	6	12	88
131	OX20-8	check – no field tolerance, Rps 1a	0	0	100
132	Sloan	check – low field tolerance, rps	13	26	74
133	Williams	check – moderate field tolerance, rps	24	49	51
		Mean of entries	29		
		Coefficient of variation (%)	23		

## 2024 Phytophthora Tolerance Test 2800

Entry #	Name	Average stand		
		count	% stand	% loss
2	Alinova	33	67	33
3	B103EE	33	66	34
4	B119KE	25	50	50
5	B158DE	35	70	30
6	B163EE	9	18	82
7	B173EE	30	60	40
8	B182ME	36	73	27
9	Baltazar	35	70	30
10	Compass E3	27	53	47
12	EXP 1224 EN	25	49	51
14	Forto	33	66	34
16	HDC Blake	33	66	34
17	Inwood	34	69	31
18	Keith XF	37	73	27
19	Kraft E3	36	73	27
20	Mercado XF	31	63	37
21	Milito	37	74	26
22	NA1800	29	57	43
24	OAC 18-63C-SCN	19	38	62
26	OAC Aberdeen	36	72	28
27	OAC Malory	36	72	28
28	OAC Union	39	78	22
30	P11A10	29	59	41
32	P14A12E	15	29	71
34	P17A87E	37	74	26
35	P18A73E	34	68	32
36	P19A37E	37	73	27
38	PR24E2875	20	41	59
39	PS 1022 EN	35	70	30
40	PS 1344 XFN	38	77	23
41	PS 1721 EN	37	74	26
42	Rask E3	35	69	31
43	Rowan	20	39	61
44	S10-W8XF	32	65	35
45	S12-J7	35	69	31
46	S13-Y4XF	28	55	45
47	S14-C7XF	38	76	24
48	S14-H3	22	44	56
49	S15-G9E3S	28	55	45
50	S16-B8	30	61	39
51	S16-K2X	27	54	46

Entry #	Name	Average stand			
		count	% stand	% loss	
52	S20-W9	36	72	28	
61	SI 1222E3N	31	61	39	
62	SI 1422XTN	33	65	35	
63	SI 1820XTN	29	58	42	
64	SI 1823E3N	35	70	30	
65	Skyline	36	72	28	
66	Summit E3	34	68	32	
80	Taku	37	74	26	
81	Zeta	27	54	46	
82	Conrad	check – high field tolerance, rps	29	58	42
83	Haro(1-7)1	check – minimal field tolerance, rps	7	14	86
84	OX20-8	check – no field tolerance, Rps 1a	0	1	99
85	Sloan	check – low field tolerance, rps	11	22	78
86	Williams	check – moderate field tolerance, rps	27	54	46
		Mean of entries	30		
		Coefficient of variation (%)	27		

## 2024 Phytophthora Tolerance Test 3100 & 3400

Entry #	Name	Average stand		
		count	% stand	% loss
2	AAC 26-15	35	70	30
3	AAC Big Ben	36	73	27
4	AAC McRae	25	51	49
5	AAC Wigle	26	53	47
6	B213EE	23	46	54
7	B243EE	30	60	40
8	B253LE	31	61	39
9	B283EE	32	63	37
13	Equator E3	18	35	65
16	Express R2X	39	77	23
17	NA2000	30	61	39
18	NA2700	32	65	35
19	OAC Bruton	33	65	35
20	OAC Marvel	28	55	45
21	OAC Stirling	27	53	47
23	P20A48E	32	64	36
24	P21A53E	30	61	39
25	P22A67E	34	69	31
26	P24A07E	34	68	32
27	P25A16E	38	75	25
28	P28A65E	27	54	46
29	P29A19E	32	63	37
30	P30A75E	33	66	34
31	P33A62E	40	80	20
32	PS 1923XFN	35	70	30
33	PS 2120 EN	29	58	42
34	PS 2322 XFN	39	78	22
35	PS 2521 XFN	34	69	31
36	PS 2923EN	36	72	28
37	S18-F1E3S	32	64	36
38	S20-L8X	28	56	44
39	S22-A2E3	34	67	33
40	S25-K4XF	34	68	32
41	S26-E3	41	82	18
42	S29-N5E3	26	52	48
43	S29-R5X	30	60	40
44	S32-J5XF	28	57	43
54	SC24-3125XF	35	70	30
56	SG 2311	37	74	26
57	Siena	38	75	25
69	Tillson	36	72	28

Entry #	Name		Average stand		
			count	% stand	% loss
70	Conrad	check – high field tolerance, rps	24	47	53
71	Haro(1-7)1	check – minimal field tolerance, rps	11	23	77
72	OX20-8	check – no field tolerance, Rps 1a	0	0	100
73	Sloan	check – low field tolerance, rps	14	28	72
74	Williams	check – moderate field tolerance, rps	28	55	45
Mean of entries			30		
Coefficient of variation (%)			26		