

R0401: Prosser,WA. "2004" Pinto Advanced Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u> <u>Weight</u> <u>(grams)</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u> <u>Vigor</u> <u>*(1-9)</u>	<u>Adaptation</u> <u>*(1-9)</u>
PS00-001-6-B-2-B2	3712	43.0	3.3	2.7	6.3
CO-12786	3512	42.8	2.7	2.7	7.2
P125414	3490	41.3	3.7	3.3	7.5
USPT-CBB-1	3346	41.9	3.0	4.3	6.7
PS00-001-6-B-1-B2	3322	46.2	3.7	4.7	6.7
CO-12650	3298	38.8	4.0	2.7	6.5
ABL-13	3255	43.7	3.7	3.7	7.3
Montrose	3239	42.4	2.7	2.0	7.3
PS99-113(E)-6-B	3218	37.7	2.7	3.0	7.0
USPT-73	3211	47.0	1.7	2.7	6.2
PS00-001-6-B-9-B2	3157	45.1	3.7	4.0	6.3
PS00-013-1-B-6-B2	3130	49.7	3.0	4.0	6.7
Othello	3104	41.2	3.7	2.7	7.0
ABL-8	3045	40.2	3.0	2.3	6.7
P207221	3015	41.1	3.0	3.7	8.7
ABCP-8	3000	35.3	2.3	2.3	7.4
PS00-001-5-B-5-B2	2973	47.1	4.3	4.0	7.2
P125432	2871	46.6	3.0	3.7	7.8
PS00-013-1-B-5-B2	2838	50.9	2.7	4.7	6.5
P123400	2810	41.8	3.3	3.7	7.3
ABL-12	2780	43.9	3.7	3.7	7.8
Bill Z	2769	39.0	2.7	2.3	7.2
AN-37	2703	39.5	3.0	4.0	8.0
PS00-013-9-B-9-B2	2679	45.4	4.0	4.7	6.9
OT9630-17-25	2644	43.6	3.7	4.7	6.2
PS00-001-5-B-6-B2	2509	47.9	3.0	3.7	7.0
FlorDeMayo	2407	36.3	4.0	3.7	7.8
ABCP-15	2372	43.7	3.0	3.3	8.0
PS99-110-4-B-7-B2	2367	37.0	4.3	2.7	7.0
ABL-9	2317	39.2	2.3	4.0	7.2

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<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u> <u>Weight</u> <u>(grams)</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u> <u>Vigor</u> <u>*(1-9)</u>	<u>Adaptation</u> <u>*(1-9)</u>
CO-12531	2274	41.1	3.0	4.0	7.7
P131424	2264	44.6	3.3	4.0	7.7
P236221	2159	43.9	4.0	4.0	6.3
AN-69	2067	37.2	4.3	3.7	8.3
CO-83783	2067	47.1	5.0	4.3	7.3
ABL-11	2048	39.7	4.0	4.0	8.2
Burke	2040	45.4	2.3	2.7	7.7
Maverick	2015	43.9	4.3	3.3	7.6
CO-96731	1924	44.7	5.0	4.3	8.0
CO-12613	1750	42.2	4.7	3.7	7.7
PS00-006-9-B-4-B2	1705	47.3	6.0	6.3	6.2
Buster	1627	45.0	3.3	3.7	8.0
Aztec	1578	43.9	5.3	2.7	7.7
P252215	1505	48.4	5.7	4.7	8.2
Winchester	1463	38.3	4.3	4.0	8.5
P99120	1423	47.4	4.0	2.3	8.6
ABL-15	1349	41.3	3.7	4.7	8.6
PS99-110-4-B-4-B2	1142	37.0	4.3	4.7	8.2
CGW-2-1	460	30.9	4.7	4.3	8.7
<u>Mean</u>	2492	42.5	3.7	3.7	7.4
<u>LSD 5%</u>	1154	4	2.2	2	1.2
<u>C.V. %</u>	28	5.6	35	32	10

***The (1-9) scores where by 1=best and 9=worst.**

R0402: Prosser,WA. "2004" Pinto Preliminary Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u>	<u>Adaptation</u> <u>*(1-9)</u>
		<u>Weight</u> <u>(grams)</u>		<u>Vigor</u> <u>*(1-9)</u>	
USPT-ANT-1-5A	3688	43.2	3.3	3.7	6.8
PS01-081-4-B3	3658	41.1	4.0	3.0	5.3
PS01-086-3-B3	3652	40.0	2.7	3.0	6.5
USPT-ANT-1-B	3645	45.3	2.7	3.3	7.2
PS01-080-2-B3	3457	39.7	3.3	4.7	6.8
PS01-086-7-B3	3455	45.3	3.3	3.3	7.3
Bill Z	3270	40.9	3.0	3.0	6.7
PS01-098-4-B3	3196	38.8	4.0	3.7	7.0
PS01-325-3-B2	3146	41.0	2.3	4.7	7.3
PS01-081-9-1-B2	3128	35.3	3.3	4.0	6.7
Othello	3032	42.2	2.7	3.0	7.3
PS01-088-1-B3	2926	43.3	5.0	4.7	7.7
USPT-ANT-1-6A	2912	42.7	2.3	3.7	7.3
PS00-516-3-4-B2	2906	37.9	4.7	3.0	7.0
PS01-081-9-5-B2	2851	42.3	5.3	4.3	6.5
USPT-ANT-1-2A	2851	46.4	3.3	4.0	7.7
PS01-108-5-B3	2819	41.1	4.0	3.7	6.3
PS01-086-1-B3	2708	43.4	4.3	5.3	7.2
PS01-088-4-B3	2574	40.6	4.7	3.7	7.2
PS01-075-5-3-B2	2265	36.2	5.0	4.7	6.8
Common Pinto	1905	34.6	4.3	7.0	8.2
PS01-075-12-4-B2	1655	38.1	5.3	5.7	7.8
<u>Mean</u>	2985	41	3.9	4.2	7.2
<u>LSD 5%</u>	1176	2.1	1.8	1.9	1
<u>C.V. %</u>	24	3.2	28	28	8.6

***The (1-9) scores where by 1=best and 9=worst.**

R0403: Prosser,WA. "2004" Small Red Advanced Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u> <u>Weight</u> <u>(grams)</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u> <u>Vigor</u> <u>*(1-9)</u>	<u>Adaptation</u> <u>*(1-9)</u>
USRM-20	3928	43.5	2.0	2.0	6.5
PS00-046-8-B-8-B2	3644	37.8	3.7	4.0	7.7
UI-239	3095	34.3	4.0	3.7	8.0
PS00-057-1-B4	2993	38.8	3.3	3.0	8.0
UI-259	2902	39.6	3.3	3.3	7.7
PS00-053-3-B-5-B2	2657	38.1	4.7	4.0	8.0
PS00-037-6-B-1-B2	2622	38.2	4.0	2.3	7.0
PS99-174-5-B-B-5-B2	2396	36.2	2.7	3.0	7.5
NW-63	2352	36.0	3.3	3.3	7.7
PS00-037-6-B-5-B2	2326	36.8	3.7	2.3	7.5
PS00-041-4-B-10-B2	2149	41.0	3.3	3.7	7.3
PS00-041-4-B-3-B2	2069	37.2	4.3	4.3	7.0
Merlot	1968	39.6	4.0	3.7	7.2
PS99-174-5-B-B-4-B2	1934	35.8	3.3	4.3	8.2
OT9743-388-1-2	1463	36.5	4.3	3.7	8.3
<u>Mean</u>	2497	38	3.5	3.2	7.5
<u>LSD 5%</u>	1051	2.6	1.4	1.8	1
<u>C.V. %</u>	26	4.1	23.7	34.2	7.9

***The (1-9) scores where by 1=best and 9=worst.**

R0404: Prosser,WA. "2004" Small Red Preliminary Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u>	<u>Adaptation</u> <u>*(1-9)</u>
		<u>Weight</u> <u>(grams)</u>		<u>Vigor</u> <u>*(1-9)</u>	
PS01-045-9-B3	3632	40.1	2.7	2.7	6.2
PS01-045-12-B3	3473	39.7	2.7	3.7	6.2
PS01-307-1-B2	3187	38.7	2.7	2.7	6.5
PS01-040-6-B3	3168	38.2	2.7	4.0	6.2
Common Red	3162	32.6	2.7	4.0	8.2
PS01-045-5-B3	2858	39.5	3.0	3.7	7.5
PS01-040-4-B3	2782	37.8	3.7	3.3	6.2
UI-239	2751	35.6	3.3	4.3	7.8
Merlot	2520	38.4	3.7	4.0	6.5
PS01-041-9-B3	2505	41.5	3.7	4.0	6.5
PS01-036-2-B3	2376	35.5	3.0	4.3	7.2
PS01-041-2-B3	2121	39.5	3.7	4.7	7.5
<u>Mean</u>	2870	38.2	3.1	3.9	7.1
<u>LSD 5%</u>	1230	2.8	1.5	1.6	1.4
<u>C.V. %</u>	26.2	4.5	29	25.2	11.8

***The (1-9) scores where by 1=best and 9=worst.**

R0405: Prosser,WA. "2004" Great Northern Advanced Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u>	<u>Adaptation</u> <u>*(1-9)</u>
		<u>Weight</u> <u>(grams)</u>		<u>Vigor</u> <u>*(1-9)</u>	
PS99-138-3-B-B-7-B2	4236	37.2	3.3	2.7	5.8
PS99-136-3-B-B-3-B2	3292	37.3	2.0	3.0	6.5
PS99-138-3-B-B-2-B2	2994	46.0	3.3	5.3	7.0
PS99-136-2-B-B-4-B2	2971	35.0	4.0	4.7	6.8
PS99-136-2-B-B-1-B2	2954	36.5	3.0	4.0	6.8
PS00-117-4-B-2-B2	2939	40.4	3.7	3.0	6.0
PS99-136-3-B-B-6-B2	2878	39.3	3.3	4.0	6.5
PS99-138-3-B-B-11-B2	2813	44.1	4.5	5.8	7.5
98-169	2642	31.3	3.7	3.3	7.5
USGN-5	2522	44.0	4.0	3.3	7.0
Matterhorn	2481	38.7	3.7	4.7	6.5
ABL7	2461	49.1	3.0	4.7	8.0
UI-465	2365	40.1	3.3	2.0	7.2
PS00-145-13-B-6-B2	2208	40.5	4.0	3.3	6.5
PS00-136-4-B-3-B2	2195	36.0	4.0	5.3	7.0
PS00-112-8-B-3-B2	2097	40.8	4.3	4.3	7.5
ABL6	1974	53.9	3.7	4.7	8.2
PS00-141-2-B-2-B2	1934	38.4	3.3	4.7	7.5
ABL1	1853	48.3	2.7	4.0	7.5
ABL3	1790	51.6	3.7	4.0	8.2
Orion	1750	38.5	2.3	3.3	6.5
<u>Mean</u>	2544	40.9	3.5	4.1	7
<u>LSD 5%</u>	1021	0.7	1.8	1.9	1
<u>C.V. %</u>	24	1	32	28	8.5

***The (1-9) scores where by 1=best and 9=worst.**

R0406: Prosser,WA. "2004" Great Northern Preliminary Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u>	<u>Adaptation</u> <u>*(1-9)</u>
		<u>Weight</u> <u>(grams)</u>		<u>Vigor</u> <u>*(1-9)</u>	
PS01-145-7-7-B2	3935	46.0	2.7	2.3	6.8
PS01-145-7-2-B2	3098	46.0	2.3	2.7	6.8
PS01-141-15-B3	3015	53.1	3.0	2.7	7.8
PS00-287-11-B3	2799	38.8	2.3	2.7	7.0
PS01-145-4-3-B2	2797	48.6	4.3	3.0	7.0
PS02-023E-3-B2	2487	41.1	3.3	5.0	6.5
Orion	2431	40.1	1.7	4.0	6.8
Matterhorn	2348	40.8	2.7	4.0	6.8
PS01-130-4-B3	2333	44.3	4.0	5.0	7.2
PS01-145-4-2-B2	2317	51.0	4.7	4.0	7.0
PS01-337-3-B2	2311	40.0	3.7	4.7	6.5
PS01-145-7-4-B2	2154	47.0	3.0	3.0	7.0
PS01-130-2-B3	2152	43.5	4.7	4.7	7.0
PS01-130-1-B3	2138	44.1	3.7	5.0	7.0
PS01-130-7-3-B2	2027	45.1	4.0	4.0	7.0
PS01-130-6-B3	1709	41.5	3.7	5.7	8.2
PS01-338-3-B2	1578	35.0	6.3	5.3	8.2
<u>Mean</u>	2428	43.7	3.7	4.1	7.1
<u>LSD 5%</u>	987	2.3	1.8	1.8	0.9
<u>C.V. %</u>	25	3.2	29	27	7.8

***The (1-9) scores where by 1=best and 9=worst.**

R0407: Prosser,WA. "2004" Pink Advanced Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u>	<u>Adaptation</u> <u>*(1-9)</u>
		<u>Weight</u> <u>(grams)</u>		<u>Vigor</u> <u>*(1-9)</u>	
ROZA	3989	39.0	2.3	2.3	6.8
PS00-093-1-B4	3510	47.4	2.7	3.3	7.2
PS00-102-7-B-12-B2	3333	42.1	3.0	2.3	6.8
PS00-086-7-B4	3273	39.4	2.3	3.0	7.2
UI-537	3109	40.3	4.0	4.3	7.5
PS99-163-5-B-B-9-B2	3008	38.0	3.7	2.7	6.2
PS00-072-1-B-8-B2	3006	39.9	2.3	2.7	6.2
PS00-072-1-B-2-B2	2984	39.0	2.7	2.0	6.5
PS00-090-1-B-9-B2	2978	40.7	2.0	3.3	6.5
PS99-153-13-B-B-12-B2	2939	43.0	2.7	4.7	7.5
PS00-105-2-B4	2939	36.1	3.0	2.7	7.2
PS99-163-5-B-B-10-B2	2738	36.6	3.3	3.0	6.8
PS00-090-1-B-4-B2	2649	40.5	1.7	3.3	7.2
PS99-163-5-B-B-8-B2	2529	42.9	4.0	3.3	7.2
PS00-092-3-B4	2522	38.9	2.0	2.7	7.0
PS99-153-13-B-B-13-B2	2422	44.3	4.7	5.7	7.2
PR95-055-2-1-16	2226	38.6	3.3	4.7	6.8
PS99-162-17-B5	1953	39.8	5.0	6.3	7.5
<u>Mean</u>	2877	40.3	3.1	3.5	7
<u>LSD 5%</u>	1017	0.4	1.8	2.1	0.8
<u>C.V. %</u>	21.7	1	34.4	36.1	6.7

***The (1-9) scores where by 1=best and 9=worst.**

R0408: Prosser,WA. "2004" Pink Preliminary Root Rot Trials.

<u>ID Line:</u>	<u>100-seed</u>				
	<u>Yield</u> <u>(lbs/A)</u>	<u>Weight</u> <u>(grams)</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early Seedling</u> <u>Vigor</u> <u>*(1-9)</u>	<u>Adaptation</u> <u>*(1-9)</u>
ROZA	4103	36.7	1.7	2.0	7.2
PS00-289-4-B3	3497	35.2	2.7	2.3	7.5
PS01-015-25-B3	3329	38.8	4.0	3.0	7.5
PS01-021-15-B3	3205	39.1	3.7	3.0	6.8
PS01-011-6-B3	3135	38.5	2.7	3.3	6.5
PS01-015-21-B3	2963	36.0	3.0	3.7	7.5
PS01-018-8-B3	2729	40.0	3.0	3.7	7.8
PS01-021-9-B3	2725	35.8	4.0	4.0	7.0
PS01-011-7-B3	2705	44.7	4.7	5.0	7.0
PS01-007-10-B3	2655	41.8	3.7	3.7	7.5
UI-537	2306	38.4	3.3	4.7	8.5
<u>Mean</u>	3033	38.6	3.3	3.5	7.3
<u>LSD 5%</u>	1094	2.7	1.6	1.5	0.9
<u>C.V. %</u>	22.1	4.3	29	26.3	7.7

***The (1-9) scores where by 1=best and 9=worst.**

R0409: Prosser,WA. "2004" Black & Small White Preliminary Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u> <u>Weight</u> <u>(grams)</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u> <u>Vigor</u> <u>*(1-9)</u>
<u>Black:</u>				
IO1892-115M	3937	23.7	2.3	2.7
PS01-233-2-B2	3490	22.4	3.3	3.7
PS01-248-3-B2	3466	23.7	3.3	3.0
PS02-068E-3-B2	3403	23.2	2.3	2.7
PS00-331-3-3-B2	3133	25.0	3.0	4.7
PS02-066A-4-B2	3131	24.2	2.3	3.3
PS00-331-3-1-B2	2993	25.2	3.0	4.3
PS00-336-4-2-B2	2987	22.8	3.3	4.0
PS01-238-4-B2	2928	23.8	3.0	2.3
PS00-336-4-4-B2	2897	22.7	3.7	4.3
PS02-063B-2-B2	2856	22.4	4.3	4.3
B201240	2854	22.8	3.3	3.7
PS01-248-1-B2	2568	22.1	4.3	4.7
B217244	2549	25.5	4.0	4.7
B206242	2516	23.7	3.3	2.7
UI-911	2455	22.3	4.0	4.0
PS02-063B-4-B2	2418	22.9	4.3	4.7
PS01-248-2-B2	2383	22.8	4.0	4.3
B221233	2302	23.2	3.3	4.3
H9673-87	2180	23.1	4.3	4.3
B218244	2169	22.5	2.0	4.3
PS01-235-5-B2	2123	23.1	5.0	5.3
B211244	1899	23.9	3.7	5.0
B212243	1705	24.8	4.7	4.3
PS01-233-4-B2	1674	23.0	3.0	3.0
<u>Small White:</u>				
N243185	4105	20.5	3.0	4.0
N128420	3229	20.4	5.7	5.7
N128416	3072	21.0	4.0	5.0

R0409: Prosser,WA. "2004" Black & Small White Preliminary Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u> <u>Weight</u> <u>(grams)</u>	<u>Emergence</u> <u>*(1-9)</u>	<u>Early</u> <u>Seedling</u> <u>Vigor</u> <u>*(1-9)</u>
N221185	2921	23.6	6.0	6.3
N129400	2810	19.3	4.3	5.0
N128427	2516	22.3	5.7	6.0
N225185	2274	18.8	5.3	5.3
Norstar	1548	23.3	4.0	6.0
<u>Mean</u>	2668	23.1	3.8	4.3
<u>LSD 5%</u>	1243	1.5	2	1.9
<u>C.V. %</u>	28.5	3.9	33	27.2

***The (1-9) scores where by 1=best and 9=worst.**

R0413: Prosser,WA. "2004" (F2:4) Pinto/Great Northern Preliminary Root Rot Trials.

<u>ID Line:</u>	<u>Yield</u> <u>(lbs/A)</u>	<u>100-seed</u> <u>Weight</u> <u>(grams)</u>	<u>Adaptation</u> <u>*(1-9)</u>
<u>Pinto:</u>			
PS03-042-11-B	4487	35.7	6.1
PS03-042-12-B	4005	38.9	5.8
PS03-044-4-B	3892	44.9	7.6
PS03-042-1-B	3780	44.2	7.6
PS03-042-6-B	3493	41.8	6.1
PS03-043-5-B	3344	37.0	7.5
PS03-043-2-B	3336	39.0	7.8
PS03-042-2-B	3188	38.9	7.6
PS03-043-3-B	3132	37.7	6.8
PS03-042-7-B	2921	45.0	6.1
PS03-042-4-B	2743	40.3	7.8
PS03-042-8-B	2644	36.8	7.7
PS03-042-10-B	2519	36.0	7.1
PS03-042-14-B	2429	36.3	7.3
PS03-044-1-B	2402	39.2	7.5
Buster	1846	45.0	8.8
<u>Great Northern:</u>			
PS03-042-19-B	3719	37.8	6.9
PS03-042-15-B	3561	35.8	5.8
98-169G	3291	34.2	7.0
PS03-042-17-B	2755	34.8	7.2
PS03-044-7-B	2212	37.8	7.5

Mean

LSD 5%

C.V. %

***The (1-9) score where by 1=best and 9=worst.**