

Prosser,WA. "2006" Western Regional Bean Trial - Multiple Stress plot.

<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>*(9-1)</u>
<u>Pintos:</u>			
PS00-001-6-B-9-B3	3090	39.2	7.7
PS00-001-6-B-1-B3	2737	41.1	7.2
CO-23985	2086	41.8	7.0
6I-13	1964	42.3	6.0
Othello	1818	38.3	5.2
PS01-081-4-B4	1808	40.0	6.2
CO-23704	1792	33.9	6.8
PS01-082-13-B-6-B2	1775	35.9	5.8
PS01-086-1-B4	1761	33.6	4.7
6I-4	1726	37.5	5.3
6I-11	1609	35.8	4.7
6I-7	1541	41.2	5.7
CO-24311	1456	38.6	5.0
CO-12632	1393	39.2	5.8
CO-16219	1280	37.3	5.0
6I-15	1245	41.5	4.8
Bill-Z	1171	30.5	4.8
PS00-013-1-B-5-B3	1027	48.3	4.3
6I-9	703	41.2	3.8
<u>Great Northerns:</u>			
PS01-145-7-7-B3	2062	41.7	6.3
6I-1	2054	46.0	4.6
PS99-138-3-B2-11-B3	1962	41.1	6.3
USGN-5	1687	43.6	4.3
NE1-05-4	838	30.9	3.5
NE1-04-4	560	39.4	4
6I-5	432	. **	4.6
6I-3	364	.	4.0
6I-6	364	.	3.5
Mean	1510	38.9	5.2
LSD 5%	900	4.3	1.5
C.V. %	39.5	6.4	18.5

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

**** Not enough seed was harvested to estimate seed weights.**

R0601: Prosser,WA. "2006" Pinto Advanced Multiple Stress Trial.

<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>*(9-1)</u>
PS00-001-6-B-2-B3	3382	39.9	7.7
PS00-001-6-B-9-B3	3090	39.2	7.7
PS00-001-6-B-1-B3	2737	41.1	7.2
PS01-086-3-B4	2220	35.0	5.8
CO-23985	2086	41.8	7.0
6I-13	1964	42.3	6.0
PS01-088-1-B4	1857	34.5	4.7
Othello	1818	38.3	5.2
PS01-081-4-B4	1808	40.0	6.2
CO-23704	1792	33.9	6.8
PS01-082-13-B-6-B2	1775	35.9	5.8
PS01-086-1-B4	1761	33.6	4.7
6I-4	1726	37.5	5.3
P04205	1716	45.5	6.2
LAPAZ	1713	41.4	6.2
PS01-098-4-B4	1635	35.1	4.8
USPT-ANT-1-5A	1619	40.3	4.2
6I-11	1609	35.8	4.7
PS02-228-1-B2-pt0	1550	38.9	5.3
6I-7	1541	41.2	5.7
Quincy	1537	46.4	5.8
CO-24311	1456	38.6	5.0
CO-12632	1393	39.2	5.8
PS01-082-10-B-3-B2	1301	41.0	5.3
CO-16219	1280	37.3	5.0
6I-15	1245	41.5	4.8

R0601: Prosser,WA. "2006" Pinto Advanced Multiple Stress Trial.

<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>*(9-1)</u>
PS00-013-1-B-6-B3	1234	47.2	4.7
Bill-Z	1171	30.5	4.8
CO-12786	1125	37.9	5.3
PS03-042-7-B2	1036	39.6	3.8
PS00-013-1-B-5-B3	1027	48.3	4.3
6I-9	703	41.2	3.8
USPT-CBB-3	. **	.	5.8
PS03-044-4-B2	.	.	3.3
P02633	.	.	3.2
P02647	.	.	4.3
Mean	1710	39.2	5.3
LSD 5%	840	3.9	1.4
C.V. %	29.4	6.0	16.3

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

**** Not harvested because of poor yield.**

R0602: Prosser,WA. "2006" Pinto Preliminary Multiple Stress Trial.

<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>*(9-1)</u>
PS01-081-4-B-17-B	2651	37.0	6.7
PS01-081-4-B-11-B	2564	36.4	6.8
PS00-516-3-4-B-6-B	2067	33.1	5.8
PS01-081-4-B-7-B	2064	39.5	6.3
PS00-514-1-5-B-10-B	2015	36.6	5.3
PS00-514-1-6-B-8-B	1956	34.9	5.8
PS01-081-9-1-B-8	1928	35.3	7.2
PS01-075-5-3-B-8-B	1920	29.8	5.3
PS01-081-4-B-5-B	1904	37.4	4.8
Othello	1871	33.4	4.3
PS01-081-9-1-B-6-B	1856	32.8	6.2
PS00-514-1-6-B-10-B	1816	35.4	5.7
PS01-075-5-3-B-5-B	1600	31.2	5.0
PS00-516-3-2-B-2-B	1528	30.9	5.3
PS99-110-4-B-4-B-1-B	1480	36.6	5.0
PS99-110-4-B-4-B-8-B	1430	36.5	4.3
PS01-081-9-1-B-5-B	1294	30.0	5.2
PS01-081-4-B-10-B	1236	38.6	4.3
PS01-081-4-B-15-B	1235	32.0	5.3
PS01-081-9-1-B-7	1222	27.9	5.2
PS99-110-4-B-4-B-2-B	1203	38.1	5.0
PS99-110-4-B-4-B-12-B	754	37.3	4.3
PS01-081-9-1-B-9	.**	.	4.2
PS00-514-5-6-B-10-B	.	.	4.3
PS99-110-4-B-4-B-10-B	.	.	4.0
PS99-110-4-B-4-B-11-B	.	.	4.3
PS99-110-4-B-4-B-13-B	.	.	3.3
Mean	1560	35.0	4.9
LSD 5%	1190	3.1	2.0
C.V. %	46	5.3	24.8

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

**** Not harvested because of poor yield.**

R0603: Prosser,WA. "2006" Small Red Advanced Multiple Stress Trial.

<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>*(9-1)</u>
PS00-046-8-B-8-B3	2796	32.8	5.4
USRM-20	2740	40.0	6.9
PS02-240-4-B2	2207	39.6	4.9
PS03-056-1-B2	2165	33.4	6.0
PS00-037-6-B-1-B3	1954	37.8	3.9
PS99-174-5-B2-5-B3	1926	31.4	4.4
PS01-045-12-B4	1825	39.6	4.9
Merlot	1697	38.8	4.9
PS01-036-2-B4	1599	32.4	4.9
PS03-054-1-B2	1396	33.4	4.9
CommonRedMexican	.**	.	2.3
Mean	2060	36.4	4.8
LSD 5%	930	2.1	1.6
C.V. %	27.0	3.5	20.1

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

**** Not harvested because of poor yield.**

R0604: Prosser,WA. "2006" Pink/Small Red Preliminary Multiple Stress Trial.

<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>*(9-1)</u>
<u>Pinks:</u>			
PS01-011-6-B2-6-B	2100	42.0	6.3
PS99-162-17-B4-10-B	2070	35.8	5.3
PS00-092-3-B3-4-B	2024	35.9	6.3
PS01-011-6-B2-10-B	1956	41.8	6.8
ROG-312	1952	34.0	4.8
PS99-162-17-B4-1-B	1942	33.7	5.7
PS99-162-17-B4-7-B	1877	37.4	5.8
PS99-162-17-B4-4-B	1832	33.8	5.3
PS99-162-17-B4-8-B	1731	36.6	4.3
PS99-162-17-B4-11-B	1652	39.3	4.8
PS00-092-3-B3-3-B	1606	35.8	5.8
PS00-092-3-B3-8-B	1567	33.2	4.8
PS99-162-17-B4-3-B	1550	36.2	4.8
PS00-092-3-B3-7-B	1462	36.6	4.8
<u>Small Reds:</u>			
PS03-594-9-B	2492	37.8	5.3
PS03-594-1-B	2145	35.8	4.3
PS03-594-2-B	1776	37.8	4.8
Merlot	1410	38.0	5.3
PS99-166-2-B4-1-B	.**	.	3.3
Mean	1880	36.1	5.3
LSD 5%	1010	2.9	1.7
C.V. %	32.0	4.9	18.9

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

**** Not harvested because of poor yield.**

R0605: Prosser,WA. "2006" Pink Advanced Multiple Stress Trial.

<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>*(9-1)</u>
ROZA	3883	32.6	6.9
PS00-102-7-B-12-B3	3543	38.1	5.9
PS99-163-5-B2-10-B3	3291	36.8	6.4
PS02-230-5-B2	2856	39.0	7.4
PS00-093-1-B5	2846	41.5	6.4
Floyd	2562	34.0	5.4
PS03-049-6-B2	2536	34.4	6.7
PS00-092-3-B5	2150	35.1	5.9
PS03-052-6-B2	2088	38.8	6.4
PS00-090-1-B-9-B3	1944	36.6	5.3
ROG-312	1792	32.3	5.3
PS00-072-1-B-2-B3	1764	33.9	6.0
Sedona	1720	37.6	7.0
PS99-162-17-B6	1715	32.5	5.4
PS00-072-1-B-8-B3	1450	33.5	5.7
Mean	2200	35.6	5.9
LSD 5%	1040	3.0	1.8
C.V. %	29.0	5.1	18.7

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

R0606: Prosser,WA. "2006" Great Northern Advanced Multiple Stress Trial.

<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>*(9-1)</u>
PS02-228-8-B2	2320	42.7	5.0
PS01-145-7-7-B3	2062	41.7	6.3
6I-1	2054	46.0	4.6
PS99-136-3-B2-6-B3	2032	39.9	4.7
PS99-138-3-B2-11-B3	1962	41.1	6.3
PS99-138-3-B2-2-B3	1716	44.8	4.8
USGN-5	1687	43.6	4.3
PS02-228-2-B2	1607	34.9	6.0
PS01-145-7-2-B3	1601	46.5	5.3
Matterhorn	1458	41.4	5.0
PS02-228-1-B2-gn	1221	33.8	4.3
PS99-138-3-B2-7-B3	1190	40.7	4.7
PS01-337-2-B3	1117	44.4	3.8
Orion	977	38.7	4.7
NE1-05-4	838	30.9	3.5
G02647	691	45.9	4.0
NE1-04-4	560	39.4	4.0
PS99-136-3-B2-3-B3	454	47.6	4.7
6I-5	432	. **	4.6
6I-3	364	.	4.0
6I-6	364	.	3.5
Mean	1210	41.0	4.7
LSD 5%	950	4.6	1.6
C.V. %	47.1	6.8	20.9

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

**** Not enough seed harvested to estimate seed weight.**

R0607: Prosser,WA. "2006" Great Northern Preliminary Multiple Stress Trial.

<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>*(9-1)</u>
PS99-136-3-B2-6-B-7-B	2344	39.9	6.8
PS99-136-3-B2-6-B-1-B	2326	37.3	6.8
Orion	1973	40.8	6.3
PS01-130-2-B2-8-B	1899	42.7	4.7
PS01-130-4-B2-1-B	1702	42.6	5.7
PS01-130-6-B2-12-B	1657	45.2	5.0
PS99-136-3-B2-6-B-14-B	1626	39.6	5.3
PS99-136-3-B2-6-B-4-B	1388	36.4	5.3
PS01-130-2-B2-10-B	.**	.	4.3
PS01-130-6-B2-1-B	.	.	4.3
PS01-130-1-B2-6-B	.	.	3.8
Mean	1720	41.7	5.1
LSD 5%	1280	3.1	1.8
C.V. %	44.4	4.4	21.4

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

**** Not harvested because of poor yield.**

R0608: Prosser,WA. "2006" Black Advanced Multiple Stress Trial.

<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>*(9-1)</u>
IO1892-115M	3018	24.5	6.0
PS00-331-3-1-B3	2547	25.2	5.0
PS03-071-13-B2	2374	24.1	6.0
Condor	2027	23.6	4.5
UI-911	1991	20.8	5.0
PS00-336-4-4-B3	1988	21.3	6.0
PS03-071-17-B2	1864	21.0	5.5
PS01-238-4-B3	1808	22.5	5.5
Eclipse	1377	24.1	4.5
Mean	2110	22.9	5.3
LSD 5%	1870	1.0	2.4
C.V. %	53.1	2.6	27.4

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