

Bread Wheat Variety Demonstration

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Bruce Church Farm

Poston, Arizona

Crop History:

Planted: December 23, 1982  
Harvested: June 1, 1983  
Seeding Rate: 100 lbs/A  
Previous Crop: Cotton  
Insecticides: None  
Herbicides: Buctril -- 1 application at labelled rate.  
Fertilizer: 150 lbs total N  
Irrigation: Total of 24" of Colorado River water applied in 6 irrigations.  
Soil Type: Silt Loam  
Plot Size: 20 x 660 feet

Entry	Yield (Lbs/Plot) <sup>1/</sup>					Ht <sup>2/</sup> (in)	Bu Wt <sup>2/</sup> (lbs)	Lodging <sup>2/</sup> %	Moisture <sup>2/</sup> %	Protein <sup>2/</sup> %	Yield <sup>1/</sup> Lbs/Acre
	Rep 1	Rep 2	Rep 3	Rep 4	Ave						
NK 3940	2120	2020	2015	2235	2098	39	62	0	11.4	11.1	7649
WBP 911	2240	2025	2050	2100	2104	30.5	60.5	0	13.9	-	7455
Genero	1960	2060	2040	1980	2010	39.5	63.5	0	11.4	11.3	7328
NK 771	2060	1920	1975	1970	1981	31	62	0	10.7	11.4	7280
Oslo	2010	1960	1940	1840	1938	39.5	64	0	11.2	-	7082
Yecora Rojo	1940	1985	1900	1890	1929	30	63	0	11.2	12.6	7049
Probred	1990	1810	1895	1970	1916	30	63	0	11.2	-	7001
Hermosillo	1970	1930	1795	1880	1894	36	64	2	11.1	12.7	6929
WPB 906	-	1590	1600	1700	1630	38	63	0	11.3	14.1	5950

<sup>1/</sup>All yields corrected to 10% moisture.

<sup>2/</sup>Average of 4 replications.

Durum Wheat Variety Demonstration

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Sun Harvest Farms

Tacna, Arizona

Crop History:

Planted: December 17, 1982  
Harvested: June 8, 1983  
Seeding Rate: 100 lbs/A  
Previous Crop: Cotton  
Insecticides: One application Disyston at labelled rate.  
Herbicides: One application Buctril at labelled rate.  
Soil Type: Sandy loam  
Fertilizer: 175 lbs total N.  
Irrigation: 26 inches of Colorado River water applied in 6 irrigations.

Entry	Yield (lbs/plot) <sup>1/</sup>					Ht <sup>2/</sup> (in)	Bu Wt <sup>2/</sup> (lbs)	Lodging <sup>2/</sup> %	Yellowberry %	Moisture <sup>2/</sup> %	Protein %	Yield <sup>1/</sup> Lbs/Acre
	Rep 1	Rep 2	Rep 3	Rep 4	Ave.							
5003	2985	2630	2336	2115	2517	31	64	0	0	8.6	10.4	6908
Yavaros	2755	2385	2270	-	2470	34	66	0	0	9.1	11.6	6743
Aidura	2580	2775	1970	2200	2381	27	64	0	0	8.4	11.5	6549
Mexicali	2645	2500	2060	2135	2335	34	63.5	0	10	8.5	11.4	6416
Gem	2700	2170	2255	1880	2251	31.5	64.5	0	0	8.6	11.8	6179
1000-D	2535	2300	2145	1815	2199	32	62	0	20	8.5	12.1	6042
881	1980	1835	1680	1565	1765	33	63	0	0	8.45	14.9	4852

<sup>1/</sup>All yields corrected to 10% Moisture

<sup>2/</sup>Average of 4 replications