

Wheat Variety Test

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Dan Gladden, Phelps Dodge Farm, Hereford Elevation: 4200 feet

Entry		Ave. yield (grams)	Test weight (lbs/bu)	Yield <u>1/</u> (lbs/acre)
WA 6153	SWF <u>2/</u>	1425	60.8	5130 a
WA 6245	SWF	1381	60.8	4972 a
WA 6150	SWF	1350	49.8	4860 a
WA 6149	SWF	1296	60.1	4666 a
Nugaines	SWW	1288	59.0	4637 a
WA 6277	SWF	1274	60.5	4586 a
WA 6244	SWF	1265	59.8	4554 a
WA 6246	SWF	1219	60.5	4388 a
Uriquie	SWF	1202	61.1	4327 a
WA 6100	SWF	1179	60.3	4244 a
WA 6152	SWF	1165	60.3	4194 a
WA 6298	SWF	1105	60.1	3978 a
TAM-103	HRW <u>3/</u>	1101	60.4	3964 a
WA 6371	SWF	1077	60.1	3877 a
Super-X	HRS <u>4/</u>	1035	60.6	3726 a

1/ Yields followed by the same letter are not significantly different at the .05 level by the Student-Newman-Keuls' Test.

2/ SWF: Soft white facultative type wheat

3/ HRW: Hard red winter type wheat.

4/ HRS: Hard red spring type wheat.

Crop History: Previous Crop: Fallow. Soil Type: Clay Loam. Planted: December 8, 1977 at 80 lbs/acre. Fertilization: 100 lbs of N/acre were applied as urea. Irrigation: an estimated 32 acre inches per acre of well water were applied to the plots. An additional five inches of rain fell on the plots during the growing season. Herbicide: none. Insecticide: none. Harvested: July 17, 1978. Plot Size: 3 x 10 feet.

Agri-File Field Crops 254.103.