

2011 WSU Variety Testing SW Spring Wheat Trial, Bickleton

Variety Name <small>*Club Italized</small>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2011			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
JD	--	28	29	32	62.0	11.7	21
Wakanz	--	27	28	30	59.1	11.3	23
Diva	--	24	24	30	61.6	10.5	25
Louise-G2	--			28	60.9	10.7	25
UI-Cataldo	--	21	21	27	59.2	11.1	23
Alturas	--	24	23	26	60.0	11.0	23
Babe	--	28	29	26	61.8	10.9	23
IDO687	--			25	60.7	10.4	21
Alpowa	--	23	24	24	58.5	10.8	22
Louise	--	24	23	24	60.6	10.7	25
Whit	--	25	25	24	60.9	10.5	21
Zak	--	25	24	23	61.3	12.1	21
IDO644	--			23	58.9	10.9	22
WA 8131	--			22	59.4	11.1	21
Eden	--	25	25	21	61.7	11.4	18
WA 8128	--			21	61.6	11.6	20
WA 8149	--			20	60.5	11.4	19
WA 8150	--			20	60.6	10.5	22
WA 8124	--		21	19	60.3	10.8	23
IDO686	--			19	61.2	10.9	25
WA 8127	--			18	60.8	11.6	20
IDO671	--		19	17	59.7	10.5	19
WB-1035CL2	--			17	58.5	12.0	21
Nick	--	25	24	16	59.8	11.3	19
C.V.	--	29	28	29	1.8	4.9	12
LSD	--	3	4	N.S. ¹	1.2	0.6	3
Average	--	25	24	23	60.4	11.1	22
Highest	--	28	29	32	62.0	12.1	25
Lowest	--	21	19	16	58.5	10.4	18

¹ -No Significant Difference

Bickleton Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Bickleton soft white spring wheat trial averaged 23 bushels/acre 2 bushels/acre less than the 3-year average. The Bickleton nursery was located about four miles east of Bickleton, WA (Steve Matsen, cooperator).
2. This nursery was seeded on 12 May, 2011 following spring wheat. Seed was placed at a 60#/acre seeding rate using a no-till plot drill set on 10-inch spacing. Base fertilizer was 30 #N/acre applied at seeding. Seeding was late and emergence was slow due to cool temperatures.
3. Yields ranged from 16 bu/acre to 32 bu/acre. Due to low yields and high variability at this site, yield was not significantly different among entries. JD and Babe were highest yielding across 3 years at this location. Stripe rust was a minor factor in this trial and no fungicide was applied.
4. Test weights were good and averaged 60.4 lb/bu and ranged from 58.5 to 62.0 lb/bu. Grain protein was good and averaged 11.1% with a range of 10.4 to 12.1/%. The average plant height was 22 inches with no lodging.