

2014 WSU Variety Testing SW Spring Wheat Trial, Bickleton

Variety Name <i>Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2014				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WB6341				21	55.4	12.5	24	170
WA 8214				21	58.1	12.4	21	170
WA 8189			28	20	58.5	13.7	22	174
WA 8162 (Seahawk)		30	26	20	57.6	12.1	24	173
Whit	28	30	25	20	56.7	12.3	22	170
Nick	29	33	26	20	57.7	13.0	23	169
WA 8224				20	57.7	12.0	23	173
WA 8195			26	20	57.6	12.5	25	170
WA 8213				20	56.2	11.6	24	173
<i>WA 8193</i>			25	20	58.8	12.2	21	172
Alpowa	27	29	25	19	58.3	11.6	24	174
<i>JD</i>	29	29	24	19	60.2	12.3	22	172
Babe	31	32	28	19	57.9	12.8	21	173
Zak	26	28	24	19	58.6	14.2	22	174
UI-Stone (IDO599)		26	20	19	60.8	11.6	22	170
Diva	27	28	22	18	60.2	11.6	22	171
WA 8215				18	58.6	12.3	22	172
IDO851			20	17	58.3	11.3	21	173
Alturas	24	24	19	17	57.7	11.7	21	171
IDO852			21	17	60.1	12.0	23	169
Louise	27	30	23	16	56.6	12.6	21	172
WB-1035CL+		29	25	16	58.4	13.7	22	171
Louise-0W		28	21	15	56.9	13.2	23	172
Louise-G2		28	22	15	55.8	12.9	23	173
C.V. %	15	10	11	11	2.3	4.7	8	0
LSD (.10)	2	2	2	2	1.4	0.6	2	1
Average	27	29	24	19	58.0	12.4	22	172
Highest	31	33	28	21	60.8	14.2	25	174
Lowest	24	24	19	15	55.4	11.3	21	169

Bickleton Soft White Spring Wheat – Preliminary Data

1. Grain yield in the 2014 Bickleton soft white spring wheat trial averaged 19 bushels/acre, eight bushels/acre lower than the 5-year average. The Bickleton nursery was located about three miles east of Bickleton, WA (S. Matsen, cooperator).
2. This nursery was seeded on 16 April, 2014 following spring wheat. Seed was placed at a 60#/acre seeding rate using a cross-slot no-till plot drill set on 10-inch spacing. Base fertilizer was 15#N/acre applied at planting. Spring seeding conditions and establishment were good.
3. Yields ranged from 15 bu/acre to 21 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 15 of the 24 entries are in this group. 'WB6341' was the highest yielding entry in the trial. 'Babe' was the highest yielding entry over 5 years of results at this site. No fungicide was applied and no stripe rust was observed.
4. Test weights averaged 58.0 lbs/bu with a range from 55.4 to 60.8 lbs/bu. Grain protein averaged 12.4% with a range of 11.3 to 14.2%. The average plant height was 22 inches with no lodging.