

2014 WSU Variety Testing SW Spring Wheat Trial, Dayton

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
WA 8214				48	58.0	11.8	26	158
<i>WA 8193</i>			50	45	56.0	12.2	22	164
Louise	60	51	48	45	57.4	11.9	30	162
Nick	59	51	48	45	58.9	12.0	26	159
WB6341				44	57.4	10.9	24	160
Louise-G2		52	49	44	56.1	12.3	30	164
WA 8215				44	58.1	11.6	28	162
WA 8189			46	42	56.9	11.8	29	165
Whit	59	50	46	42	57.8	11.8	30	158
WA 8162 (Seahawk)		50	46	42	58.2	11.6	27	163
Alpowa	58	50	46	42	57.3	11.8	28	162
<i>JD</i>	58	48	46	42	58.2	12.1	27	163
Louise-0W		51	48	42	55.8	12.4	32	164
WA 8213				42	55.6	11.5	28	163
Diva	61	51	48	41	57.7	11.9	28	162
WA 8224				41	57.6	11.5	28	162
IDO851			45	41	57.5	11.2	27	162
WA 8195			44	40	58.4	11.8	29	160
UI-Stone (IDO599)		47	44	40	58.7	11.3	26	160
Alturas	57	48	44	39	56.9	11.7	27	161
Babe	59	47	43	39	58.2	11.6	27	160
IDO852			42	39	58.6	11.5	25	158
Zak	53	47	43	39	56.1	13.2	29	165
WB-1035CL+		44	41	35	58.7	13.3	25	158
C.V. %	6	4	5	5	0.6	1.7	2	0
LSD (.10)	1	1	2	2	0.3	0.2	1	1
Average	57	49	46	42	57.5	11.9	27	161
Highest	61	52	50	48	58.9	13.3	32	165
Lowest	47	44	41	35	55.6	10.9	22	158

Dayton Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Dayton 2014 soft white spring wheat trial averaged 42 bushels/acre, 15 bushels/acre lower than the 5-year average. The Dayton nursery was located about six miles northwest of Dayton, WA (Jay Penner, Cooperator).
2. This nursery was seeded on 9 April, 2014 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill equipped with double-disc openers set on 7-inch spacing. Base fertilizer was 146#N/acre and a spring soil test showed 74#/acre of soil available N. Spring seeding conditions and establishment were good.
3. Yields ranged from 35 bu/acre to 48 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and one of the 24 entries is in this group. 'Louise' and 'Nick' were the highest yielding entries in the trial. No fungicide was applied and no stripe rust was observed.
4. Test weights averaged 57.5 lbs/bu with a range from 55.6 to 58.9 lbs/bu. Grain protein averaged 11.9% with a range of 10.9 to 13.3%. The average plant height was 27 inches with no lodging.