

2013 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)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
<i>WA 8193</i>				55	61.1	12.4	26	164
Diva	60	69	55	54	61.0	12.6	28	165
Louise-0W			56	54	59.9	12.4	29	163
Louise-G2		69	55	53	59.6	12.3	30	164
Wakanz	63	68	56	53	59.1	13.0	24	164
Nick	59	67	54	52	60.7	12.8	26	161
Louise	60	69	55	51	59.7	12.4	28	163
WA 8194				51	59.6	13.7	30	166
Alpowa	56	66	54	51	60.6	12.1	27	164
Whit	59	68	54	51	60.0	12.6	25	162
WA 8162			54	51	60.5	12.2	26	164
<i>JD</i>	58	65	52	50	61.5	12.3	27	164
IDO854				50	61.1	13.2	26	161
WA 8189				49	61.0	12.0	29	166
IDO851				49	60.4	12.1	25	164
UI-Stone (IDO599)			50	49	61.9	12.4	26	165
Alturas	57	64	53	49	60.4	12.2	25	164
Babe	60	67	51	48	60.7	12.4	27	164
<i>ARS03174CS-14</i>				48	59.9	13.5	27	166
WA 8195				47	60.6	12.5	27	161
Zak	54	62	51	47	59.5	13.6	28	164
WB-1035CL+		58	49	47	61.1	13.8	25	160
IDO852				46	61.8	12.8	25	160
WA 8196				45	59.5	12.8	25	163
C.V. %	6	5	4	5	0.4	2.5	5	0
LSD (.10)	2	2	2	3	0.2	0.3	1	1
Average	59	66	53	50	60.5	12.7	27	163
Highest	63	69	56	55	61.9	13.8	30	166
Lowest	54	58	49	45	59.1	12.0	24	160

Dayton Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Dayton soft white spring wheat trial averaged 50 bushels/acre, 9 bushels/acre less 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 2 April, 2013 following winter wheat. Seed was placed at an 80#/acre seeding rate using a double-disk plot drill. A spring soil test showed 64#N/acre and 169#N/acre was applied before seeding. Spring seeding conditions and establishment were good.
3. Yields ranged from 45 bu/acre to 55 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and five of the 24 entries are in this group. `Diva' was the highest yielding named entry in the trial and `Louise', Diva, and `Babe' were the highest yielding over 5-years at this location. Fungicide was applied early and stripe rust was not a factor.
4. Test weights averaged 60.5 lbs/bu with a range from 59.1 to 61.9 lbs/bu. Grain protein averaged 12.7% with a range of 12.0 to 13.8%. The average plant height was 27 inches and there was no lodging.