

2012 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)	2012			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
<i>ARS03174CS</i>				61	61.4	12.0	29
Wakanz	65	72	76	59	59.0	11.8	28
WA 8124		55		59	61.6	12.1	30
Whit	61	68	76	58	60.2	12.2	29
Louise-G2			77	58	59.9	11.8	32
Louise	62	68	77	58	59.9	11.9	33
Louise-0W				58	60.1	11.9	32
Nick	60	66	74	57	60.7	12.4	28
Alpowa	57	65	73	57	61.4	11.7	29
ARS03173LS				57	60.0	11.8	30
WA 8162				57	61.8	11.4	29
Diva	62	69	77	57	61.2	11.4	30
<i>WA 8160</i>				56	61.5	12.2	29
Alturas	58	65	71	56	61.1	11.4	27
WA 8161				56	61.4	11.7	31
Babe	61	70	76	55	61.6	11.6	29
IDO671		65	71	55	61.3	11.5	29
Zak	57	60	69	54	60.7	11.9	29
IDO687			69	54	62.3	12.0	28
<i>JD</i>	60	66	72	53	61.9	12.0	30
<i>WA 8131</i>			70	53	60.9	12.4	25
IDO599		50		52	62.0	11.5	28
WB-1035CL+			63	50	59.6	13.3	26
IDO686			68	49	62.0	11.8	30
C.V. %	5	5	4	3	0.4	1.5	4
LSD (.10)	2	2	2	2	0.3	0.2	1
Average	60	65	72	56	61.0	11.9	29
Highest	65	72	77	61	62.3	13.3	33
Lowest	57	50	63	49	59.0	11.4	25

Dayton Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Dayton soft white spring wheat trial averaged 56 bushels/acre, 4 bushels/acre lower than the 5-year average. The Walla Walla nursery was located about six miles northwest of Dayton, WA (J. Penner, cooperator).
2. This nursery was seeded on 1 May, 2012 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill equipped with double-disc openers set on 6-inch spacing. Base fertilizer was 142#N/acre pre-planting applied and a soil test showed 66#N/acre available. Spring seeding conditions were good.
3. Yields ranged from 49 bu/acre to 61 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 3 of the 24 entries are in this group. `Wakanz' was the highest yielding named entry in this trial and was the highest yielding over 5 years of results at this site. Fungicide was applied 25 June for stripe rust control.
4. Test weights averaged 61.0 lbs/bu and ranged from 59.0 to 62.3 lbs/bu. Grain protein averaged 11.9% with a range of 11.4 to 13.3%. The average plant height was 29 inches with no lodging.