

2012 WSU Variety Testing SW Spring Wheat Trial, Farmington

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	HEAD DATE
Louise-G2			76	77	59.7	11.2	35	191
Zak	74	73	68	76	61.0	11.2	33	193
WA 8162				76	61.0	11.2	31	192
WB-1035CL+			64	72	60.2	12.0	31	197
Wakanz	76	76	66	71	59.5	11.0	31	196
<i>ARS03174CS</i>				71	61.4	11.1	30	194
Diva	80	79	71	71	60.8	11.1	34	195
Louise-0W				70	60.0	10.7	36	191
WA 8124		85		69	62.2	11.2	33	196
IDO671		75	66	69	61.4	11.0	30	191
Louise	79	79	71	69	60.4	10.9	35	190
IDO599		82		69	61.9	11.6	28	190
Whit	74	73	66	67	60.3	11.6	31	189
<i>JD</i>	79	78	65	67	61.8	11.6	34	189
WA 8161				66	61.0	11.6	33	191
Alpowa	72	70	60	63	61.9	11.2	33	195
IDO687			59	63	62.4	11.8	29	192
ARS03173LS				63	60.0	11.1	32	192
<i>WA 8131</i>			61	62	60.9	12.1	26	193
Alturas	69	69	57	62	60.6	11.1	29	195
<i>WA 8160</i>				59	61.0	12.1	32	192
Nick	66	60	55	59	60.9	12.1	31	191
Babe	77	75	62	57	61.5	11.3	29	191
IDO686			57	54	62.1	11.8	33	195
C.V. %	7	7	8	9	0.9	3.8	5	1
LSD (.10)	2	3	4	6	0.6	0.5	2	2
Average	75	75	64	67	61.0	11.4	32	193
Highest	80	85	76	77	62.4	12.1	36	197
Lowest	66	60	55	54	59.5	10.7	26	189

Farmington Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Farmington soft white spring wheat trial averaged 67 bushels/acre, 8 bushels/acre lower than the 5-year average at this location. The Farmington nursery was located about 7 miles south of Farmington, WA (B. Nelson, cooperator).
2. This nursery was seeded on 11 May, 2012 following winter wheat. Seed was placed at a 90#/acre seeding rate using a no till plot drill equipped with Cross-slot openers set on 10-inch spacing. Base fertilizer was 120#N/acre and a soil test showed 94#N/acre available. Spring seeding conditions were good, but later than average.
3. Yields ranged from 54 bu/acre to 77 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 7 of the 24 entries are in this group. `Louise'-G2 was the highest yielding named variety entry in the sprayed trial and is Louise with 2oz/100lbs seed of Gaucho® insecticide seed treatment. Louise at the standard seed treatment rate (0.75oz./100lbs. seed), yielded 8 bu/acre less, and Louise-0W without insecticide was 7 bu/acre less than Louise-G2. `Diva' was the highest yielding variety over 5 years in trials at this location. Fungicide was applied 18 June for stripe rust control and stripe rust had minimal impact in this trial.
4. Test weights averaged 61.0 lbs/bu and ranged from 59.5 to 62.4 lbs/bu. Grain protein averaged 11.4% with a range of 10.7 to 12.1%. The average plant height was 32 inches with no lodging.