

2012 WSU Variety Testing SW Spring Wheat Trial, Lamont

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			74	59	60.4	12.5	31	176
Diva	59	72	69	58	61.2	13.1	33	177
IDO669		66		56	61.1	12.1	31	177
Alturas	58	75	68	55	60.6	12.5	27	177
WA 8162				55	61.6	12.6	28	177
Zak	53	62	60	54	60.8	12.6	31	178
Nick	52	60	61	54	60.4	13.3	29	176
WA 8124		77		54	62.4	12.4	29	179
IDO671		73	67	53	61.1	12.1	28	179
Louise	58	71	71	53	60.2	12.7	31	177
<i>ARS03174CS</i>				53	61.9	13.6	29	180
IDO599		67		53	62.2	12.4	28	178
Louise-0W				52	60.2	13.0	32	177
ARS03173LS				51	60.2	12.1	32	178
IDO687			64	51	61.9	13.3	28	179
WA 8161				51	61.0	12.1	33	177
IDO686			64	50	61.9	12.7	31	178
Babe	53	64	66	49	61.2	12.0	31	177
Alpowa	52	64	60	49	61.3	12.5	26	179
Whit	49	60	61	45	60.3	13.8	29	177
Wakanz	55	66	60	44	59.6	13.6	27	178
<i>JD</i>	53	65	61	43	61.2	13.8	30	178
WB-1035CL+			54	43	60.0	14.3	29	177
<i>WA 8160</i>				42	60.4	13.5	27	179
C.V. %	11	11	8	10	0.6	4.9	8	1
LSD (.10)	3	4	4	6	0.4	0.7	2	1
Average	54	67	64	51	61.0	12.9	30	178
Highest	59	77	74	59	62.4	14.3	33	180
Lowest	49	60	54	42	59.6	12.0	26	176

Lamont Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Lamont soft white spring wheat trial averaged 51 bushels/acre, 3 bushels/acre lower than the 5-year average. The Lamont nursery was located about five miles southeast of Lamont, WA (G. White, cooperator).
2. This nursery was seeded on 19 April, 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 80#N/acre pre-planting applied and a soil test showed 174#N/acre available. Spring seeding conditions were good.
3. Yields ranged from 42 bu/acre to 59 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 12 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), was 6 bu/acre less, and Louise-0W without insecticide was 7 bu/acre less than Louise-G2. "Diva" was the highest yielding over 5 years of results at this site. Fungicide was applied 10 May for stripe rust control.
4. Test weights averaged 61.0 lbs/bu and ranged from 59.6 to 62.4 lbs/bu. Grain protein averaged 12.9% with a range of 12.0 to 14.3% and was high most likely due to the high level of soil test nitrogen. The average plant height was 30 inches with no lodging.