

2014 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)	2014				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Diva	--	--	--	42	59.6	13.8	29	164
Louise	--	--	--	42	58.7	13.1	30	163
Nick	--	--	--	40	59.0	13.3	28	160
WA 8213	--	--	--	40	56.8	12.1	27	166
WA 8215	--	--	--	38	58.7	13.2	26	166
WA 8214	--	--	--	38	58.7	13.0	25	160
Louise-0W	--	--	--	37	59.0	12.3	32	164
WA 8195	--	--	--	37	58.9	12.9	28	161
Louise-G2	--	--	--	37	58.5	13.3	30	164
WB6341	--	--	--	36	58.3	12.5	23	161
Babe	--	--	--	35	57.9	13.1	26	166
Zak	--	--	--	35	57.2	14.4	29	165
WB-1035CL+	--	--	--	34	58.8	14.4	24	164
Alturas	--	--	--	33	58.0	12.9	26	165
UI-Stone (IDO599)	--	--	--	33	59.6	12.8	24	161
Whit	--	--	--	33	58.4	13.5	27	161
IDO851	--	--	--	33	58.2	12.4	25	165
WA 8224	--	--	--	33	58.1	13.2	27	166
<i>JD</i>	--	--	--	32	58.8	13.9	26	164
Alpowa	--	--	--	32	58.0	13.6	27	166
WA 8189	--	--	--	32	58.5	13.8	29	169
WA 8162 (Seahawk)	--	--	--	29	58.1	13.9	24	168
IDO852	--	--	--	29	59.3	13.3	25	161
<i>WA 8193</i>	--	--	--	25	58.3	14.2	22	167
C.V. %	--	--	--	12	1.0	4.3	6	0
LSD (.10)	--	--	--	4	0.6	0.6	2	1
Average	--	--	--	35	58.5	13.3	27	164
Highest	--	--	--	42	59.6	14.4	32	169
Lowest	--	--	--	25	56.8	12.1	22	160

Lamont Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Lamont 2014 soft white spring wheat trial averaged 35 bushels/acre. The Lamont nursery was located about six miles southeast of Lamont, WA (G. White, Cooperator).
2. This nursery was seeded on 7 April, 2014 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill set on 7-inch spacing. Base fertilizer was 70#N/acre and a spring soil test showed 190#/acre of soil available N. Spring seeding conditions and establishment were good, but low available soil water and precipitation limited yields.
3. Yields ranged from 25 bu/acre to 42 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and six of the 24 entries are in this group. 'Louise' and 'Diva' were the highest yielding entries in the trial. No fungicide was applied and no stripe rust was reported.
4. Test weights averaged 58.5 lbs/bu with a range from 56.8 to 59.6 lbs/bu. Grain protein averaged 13.3% with a range of 12.1 to 14.4%. The average plant height was 27 inches with no lodging.