

## 2012 WSU Variety Testing SW Spring Wheat Trial, Reardan

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
IDO671		83	73	<b>69</b>	<b>59.5</b>	13.5	36	186
Diva	68	83	76	<b>68</b>	<b>59.1</b>	13.8	39	186
Louise	70	84	79	<b>68</b>	<b>59.5</b>	13.6	41	186
Wakanz	67	80	72	<b>65</b>	<b>59.3</b>	14.2	36	188
Alpowa	67	80	69	<b>64</b>	59.0	14.1	38	187
WA 8162				<b>63</b>	<b>60.1</b>	14.0	35	188
Louise-G2			76	62	57.0	14.5	40	186
Babe	69	81	69	62	<b>60.4</b>	13.9	37	186
IDO686			72	62	<b>60.6</b>	14.1	40	187
IDO599		80		61	57.5	14.5	36	185
Whit	66	78	67	61	<b>59.4</b>	14.4	36	185
IDO687			70	61	<b>59.7</b>	14.6	36	187
Alturas	68	80	70	61	58.0	14.2	36	187
<i>ARS03174CS</i>				60	<b>60.2</b>	15.5	35	188
Zak	63	70	63	60	<b>59.4</b>	14.5	37	188
ARS03173LS				59	55.7	14.7	39	189
<i>WA 8160</i>				59	<b>59.2</b>	15.0	37	187
WA 8161				58	57.9	14.6	39	187
Louise-0W				57	57.1	14.5	41	185
Nick	60	71	61	57	58.0	15.1	37	185
WA 8124		75		56	58.6	15.3	37	188
<i>JD</i>	66	79	71	54	<b>59.2</b>	15.0	39	186
WB-1035CL+			56	51	56.8	16.0	35	184
<i>WA 8131</i>			68	50	57.5	15.6	32	187
C.V. %	8	7	8	9	2.4	4.4	3	0
LSD (.10)	2	3	4	6	1.5	0.7	1	1
Average	66	79	70	60	58.7	14.6	37	187
Highest	70	84	79	69	60.6	16.0	41	189
Lowest	60	70	56	50	55.7	13.5	32	184

### Reardan Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Reardan soft white spring wheat trial averaged 60 bushels/acre, 6 bushels/acre lower than the 5-year average at this location. The Reardan nursery was located about three miles east of Reardan, WA (H. Johnson, cooperator).
2. This nursery was seeded on 23 April, 2012 following winter wheat. Seed was placed at an 80#/acre seeding rate using a no-till plot drill equipped with Cross-slot openers set on 10-inch spacing. Base fertilizer was 77#N/acre applied through the planter and a soil test showed 103#N/acre available. Spring seeding conditions were good.
3. Yields ranged from 50 bu/acre to 69 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 6 of the 24 entries are in this group. `Diva' and `Louise' were the highest yielding entries in this trial and Louise was the highest yielding over 5 years in trials at this location. Fungicide was applied 13 June for stripe rust control and stripe rust had minimal impact in this trial.
4. Test weights averaged 58.7 lbs/bu and ranged from 55.7 to 60.6 lbs/bu. Grain protein averaged 14.6% with a range of 13.5 to 16.0%. The average plant height was 37 inches with no lodging.