

## 2013 WSU Variety Testing SW Winter Wheat Trial, Ritzville

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Xerpha	71	77	72	64	61.7	8.8	31	148
Otto	68	72	68	61	61.1	10.1	32	150
Bobtail (OR0807P94)			66	60	57.6	9.3	28	146
Masami	67	68	65	58	60.2	8.6	31	148
WA 8155			59	57	61.3	9.7	32	146
Eltan	67	67	62	57	61.6	8.7	31	147
<i>ARS010780-3C</i>			60	57	61.4	10.4	29	148
WA 8143		65	56	56	61.4	9.5	32	147
ARS-Selbu (ARS970161-3L)		69	65	55	62.4	9.3	30	147
JC1108				54	59.6	8.8	31	147
Kaseberg (OR2071628)		67	62	53	60.1	9.2	27	146
ARS010729-1L				53	61.7	9.7	27	148
<i>ARS010746-2C</i>				53	60.3	10.7	26	148
<i>4J071246-1C</i>				53	60.9	9.4	31	148
WA 8151			57	53	60.2	10.7	28	148
WA 8169				53	58.8	9.7	29	146
Puma (WA 8134)		69	63	53	60.9	10.4	32	146
<i>ARS98X402-1C</i>				53	60.9	9.9	27	149
Eltan/Tubbs 06	65	69	62	52	60.6	9.3	31	146
OR2071071 (Rosalyn)			62	52	57.7	9.3	28	148
WA 8152			61	51	60.8	9.6	33	149
<i>Bruehl</i>	64	67	61	51	60.4	10.3	31	150
<i>ARS990077-1C</i>			54	51	61.4	10.8	27	148
<i>ARS-Chrystal</i>		66	62	50	61.0	10.2	28	148
03-29902A				50	59.0	10.3	27	151
ARS-Amber		69	62	50	60.2	10.3	30	147
ORCF-103	61	65	60	50	60.7	8.8	29	148
WA 8170				50	60.0	10.2	29	150
Tubbs 06	60	66	59	49	59.3	10.9	31	148
<i>ARS-Crescent</i>		64	58	49	60.4	10.2	29	150
<i>Cara</i>	62	66	58	49	58.7	10.4	26	150
LWW10-1018				49	58.8	9.3	30	152
WA 8153			53	49	61.3	8.9	30	146
<i>ARS97230-6C</i>				48	61.6	9.2	25	150
WB-528	57	63	58	48	61.0	11.2	28	148
<i>Coda</i>	59	65	58	48	62.0	11.1	28	148
Mary	61	66	57	46	60.2	9.2	28	148
WA 8171				46	59.9	9.5	31	150
OR2080924				46	57.9	9.2	28	150
Skiles	59	64	58	46	60.9	9.9	27	150
Trifecta				46	61.6	11.2	28	147
02-10606A				44	59.7	10.3	26	150
LWW-04-4009			51	44	61.5	10.7	25	151
Madsen	58	60	54	44	59.9	11.3	28	148
WB-Junction				44	61.3	10.2	27	147
Stephens	53	59	52	41	59.4	11.0	29	148
99-06202A				40	60.2	10.8	26	149

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
C.V. %	10	10	12	7	0.6	8.8	5	1
LSD (.10)	3	4	5	4	0.4	0.9	1	1
Average	62	66	60	51	60.4	9.9	29	148
Highest	71	77	72	64	62.4	11.3	33	152
Lowest	53	59	51	40	57.6	8.6	25	146

### Ritzville Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2013 Ritzville soft white winter wheat trial averaged 51 bushels/acre, 11 bushels/acre lower than the 5-year average for this location. The Ritzville nursery was located about 4 miles west of the town of Ritzville.

2. This nursery was seeded on 9 September, 2012 following fallow. Seed was placed at a 50#/acre seeding rate using a deep-furrow plot drill set on 15-inch spacing. Base fertilizer was 50#N/acre pre-plant applied. Fall seeding conditions produced good emergence and stand establishment.

3. Yields ranged from 40 to 64 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 3 of the 47 entries in this trial. The WSU variety `Xerpha' was the highest yielding named entry in the trial and the highest yielding in the 5-year average. It is probable that some plants at this site experienced damaging frost. There was a low amount of stripe rust potential at this location and Tilt fungicide was applied with herbicides.

4. Test weights averaged 60.4 lbs./bu and ranged from 57.6 to 62.4 lbs./bu. Grain protein averaged 9.9% with a range of 8.6 to 11.3%. Plant height averaged 29 inches and there was no lodging.