

2013 WSU Variety Testing SW Winter Wheat Trial, Dusty

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	LODGING (%)
Bobtail (OR0807P94)			112	108	57.5	10.9	33	148	0
Xerpha	102	98	87	107	59.6	11.6	37	149	0
WA 8169				107	58.6	11.8	35	149	0
<i>ARS-Crescent</i>		112	105	105	59.7	10.5	36	150	0
<i>Coda</i>	102	103	96	103	61.5	11.9	36	149	0
ARS-Selbu (ARS970161-3L)		103	101	103	60.8	11.6	36	150	0
JC1108				103	59.2	10.5	35	149	0
ARS010729-1L				101	60.8	11.4	32	149	0
<i>ARS97230-6C</i>				100	60.3	11.5	32	151	0
<i>Bruehl</i>	104	103	85	100	58.7	11.8	35	151	0
WA 8155			81	100	61.1	11.3	37	148	0
<i>Cara</i>	117	106	101	97	58.9	11.9	35	150	0
<i>ARS010780-3C</i>			108	97	60.3	11.8	35	150	0
<i>ARS-Chrysal</i>		99	91	96	60.1	12.2	35	149	0
Puma (WA 8134)		100	96	95	60.0	11.6	37	148	13
Skiles	114	108	96	94	59.7	12.0	33	150	0
<i>ARS98X402-1C</i>				93	59.6	11.5	33	150	0
WA 8151			101	93	59.4	11.5	34	149	0
Eltan	90	89	76	93	60.6	11.1	35	149	8
Kaseberg (OR2071628)		95	93	93	58.6	11.6	32	147	0
ARS-Amber		98	91	92	59.0	12.1	36	149	0
WA 8170				92	59.1	12.4	35	149	0
03-29902A				91	59.2	11.8	32	151	0
<i>4J071246-1C</i>				91	58.6	11.1	36	150	0
<i>ARS990077-1C</i>			91	91	59.5	10.7	34	150	0
Masami	100	97	96	91	58.6	10.7	33	150	0
WA 8152			92	90	60.0	12.1	38	149	0
ORCF-103	90	85	77	90	59.9	11.4	34	149	0
WA 8171				90	59.1	11.4	36	151	0
Otto	96	97	86	88	60.1	11.8	35	150	0
OR2071071 (Rosalyn)			102	87	56.4	11.5	32	149	0
WA 8153			89	87	60.3	11.8	35	148	0
Eltan/Tubbs 06	91	85	79	86	59.1	11.3	35	149	0
Mary	108	102	105	86	58.9	12.3	32	149	0
WA 8143		86	75	84	60.9	11.0	37	149	0
OR2080924				83	55.9	12.1	33	150	0
Madsen	99	90	90	82	59.1	12.2	33	149	0
99-06202A				82	60.2	11.9	32	150	0
<i>ARS010746-2C</i>				82	59.1	12.8	28	149	0
Tubbs 06	97	90	91	81	57.9	11.7	35	149	0
LWW10-1018				81	57.8	12.0	33	150	0
WB-Junction				73	60.2	13.5	32	148	0
Trifecta				73	60.5	13.6	31	148	0
02-10606A				73	59.2	12.0	33	150	0
Stephens	89	78	81	71	58.1	12.8	32	151	0
LWW-04-4009			77	71	59.7	11.2	32	149	0
WB-528	88	81	78	68	60.4	12.3	31	151	0

2013 WSU Variety Testing SW Winter Wheat Trial, Dusty

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	LODGING (%)
C.V. %	10	10	11	8	0.7	5.5	4	1	875
LSD (.10)	5	6	7	7	0.4	0.7	1	1	4
Average	99	97	91	90	59.4	11.7	34	149	0
Highest	117	113	112	108	61.5	13.6	38	151	13
Lowest	88	78	75	68	55.9	10.5	28	147	0

Dusty Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2013 Dusty soft white winter wheat trial averaged 90 bushels/acre, Nine bushels/acre lower than the 5-year average for this location. The Dusty nursery was located about 7 miles northeast of the town of LaCrosse, WA (B. Morasch, Cooperator).

2. This nursery was seeded on 30 September, 2012 following fallow. Seed was placed at an 85#/acre seeding rate using a double disc plot drill set on 6-inch spacing. Base fertilizer was 80#N/acre pre-plant applied. Fall seeding conditions produced good emergence and stand establishment.

3. Yields ranged from 68 to 108 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 8 of the 47 entries in this trial. The new Oregon State University variety 'Bobtail' was the highest yielding named entry in the trial and 'Cara' was 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 no fungicide was applied.

4. Test weights averaged 59.4 lbs./bu and ranged from 55.9 to 61.5 lbs./bu. Grain protein averaged 11.7% with a range of 10.5 to 13.6%. Plant height averaged 34 inches and there was a little lodging for one variety.