

2012 WSU Variety Testing SW Winter Wheat Trial, Lind

Variety Name <i>*Club Italized</i>				2012				
	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
<i>ARS-Crescent (ARS970163-4C)</i>		52	52	58	58.6	11.5	29	146
Masami	41	52	50	57	58.8	11.2	31	143
<i>Bruehl</i>	43	54	54	56	59.4	11.6	34	147
<i>Chukar</i>	40	53	52	56	58.1	11.7	29	147
Xerpha	42	52	53	54	59.5	12.3	33	143
ARS970161-3L			53	54	60.3	12.2	32	144
Madsen/Rod	34	46	48	53	59.0	12.3	30	147
ORCF-103	40	48	48	53	59.7	11.9	31	146
ARS970161-2L				53	60.8	12.4	32	147
<i>Coda</i>	39	51	51	52	59.9	12.6	33	147
Rod	37	46	49	52	58.5	11.4	29	144
Tubbs 06	38	49	50	52	58.8	11.6	31	141
Stephens	33	42	45	50	59.1	12.0	30	142
<i>ARS010780-3C</i>				50	59.5	12.3	31	148
WA 8116		47	46	49	60.2	12.2	29	146
OR2701071				49	57.6	10.8	31	145
Eltan	40	47	48	48	60.1	11.8	33	148
<i>ARS-Chrystal (ARS970075-3C)</i>	40	48	46	48	59.3	12.1	28	147
OR08047P94				48	57.5	11.0	30	142
<i>Cara</i>	36	46	45	47	57.9	11.6	28	147
Madsen	34	45	45	47	59.2	12.5	31	144
Skiles	38	44	48	47	58.7	13.5	29	141
ARS970277L reselect				47	59.2	11.7	29	146
ARS-Amber (ARS960277L)	39	46	46	46	59.2	11.9	31	145
Eltan/Tubbs 06	39	47	46	46	59.5	11.8	34	140
Otto (WA 8092)		47	46	46	60.4	12.5	31	148
<i>ARS010762-2C</i>				46	57.9	11.8	30	145
WA 8137				45	61.0	12.0	31	148
ORCF-102	35	44	44	44	59.5	12.6	33	142
WA 8136			47	44	59.2	11.9	31	148
WA 8153				44	60.0	13.8	33	143
WA 8154				44	59.9	12.8	32	142
<i>ARS990077-1C</i>				42	59.7	12.5	30	147
WA 8134			40	41	59.0	12.4	34	141
WA 8135			45	41	59.9	13.6	32	144
WA 8152				41	60.2	13.1	34	141
WA 8155				41	60.8	12.2	35	147
IDO663			40	40	59.4	12.1	30	141
WA 8143			44	40	60.8	11.9	35	144
OR2070870				39	58.7	13.4	30	146
LWW-04-4009				39	60.5	13.6	30	148
Goetze/Skiles		40	41	38	58.6	13.4	29	144
WA 8142			37	38	60.1	13.5	34	141
WA 8151				38	58.5	12.7	30	147
Mary (OR2040726)		40	38	37	58.4	13.0	30	141
WB-528	31	38	38	36	60.9	13.8	32	140
OR2071628			39	35	58.5	12.4	30	140
LCS-Artdeco (NSA06-2153A)			28	30	56.3	12.4	26	141

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
C.V. %	13	11	13	12	0.7	4.8	5	1
LSD (.10)	2	3	4	6	0.4	0.6	2	2
Average	38	47	46	46	59.3	12.3	31	144
Highest	43	54	54	58	61.0	13.8	35	148
Lowest	31	38	28	30	56.3	10.8	26	140

Lind Soft White Winter Wheat

1. Grain yield in the 2012 Lind soft white winter wheat trial averaged 46 bushels/acre, 8 bushels/acre higher than the 5-year average. The Lind nursery was located on the WSU Lind Dryland Experiment Station three miles NE of the town of Lind.

2. This nursery was seeded on 12 September, 2011 following fallow. Seed was placed at a 45#/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 were favorable and emergence and stand establishment were good.

3. Yields ranged from 30 to 58 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold. 'ARS-Crescent' was the highest yielding named entry in the trial, and 12 of the 48 entries were within the top LSD range. 'Bruehl' (club) and 'Xerpha' were the top two yielding entries across five years of results at this location. There was a low amount of stripe rust potential at this location and a fungicide was applied 9 April at herbicide timing.

4. Test weights averaged 59.3 lbs/bu and ranged from 56.3 to 61.0 lbs/bu. Grain protein averaged 12.3% with a range of 10.8 to 13.8%. A soil test showed ample N at this site. Plant height averaged 31 inches and there was no lodging.