

2011 WSU Variety Testing SW Winter Wheat Trial, Lind

Variety Name *Club Italized	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2011				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT
Bruehl	41	45	53	53	61.0	12.0	0	36
Xerpha	43	44	52	53	61.5	11.7	0	37
ARS970161-3L				52	63.1	12.3	0	35
Legion		40	48	51	60.5	11.5	0	37
Coda	38	41	51	50	62.7	11.7	0	37
WA 8135				50	62.2	11.6	0	38
WA 8136				50	60.4	12.1	0	33
Chukar	39	41	52	49	61.3	11.2	0	36
Skiles		39	43	49	60.8	13.8	0	33
Eltan	41	43	46	48	62.0	11.4	0	35
Tubbs 06	37	39	47	48	59.9	11.1	0	37
Cara +25%			51	48	61.3	10.9	0	35
WA 8143				48	62.1	11.7	0	36
WA 8144				48	62.0	12.5	0	39
Finch	39	44	50	47	62.2	11.1	0	35
Eltan/Tubbs 06		42	47	47	61.5	11.3	0	37
WA 8092		43	48	47	61.7	12.6	0	35
Chukar +25%			55	46	61.3	11.8	0	34
Rod	35	36	43	45	61.3	12.1	0	33
ARS970075-3C			49	45	61.7	11.9	0	35
ARS960277L			46	45	61.4	11.4	0	37
ARS970163-4C			49	45	62.0	11.7	0	34
ARS98X402-1C				45	61.8	11.2	0	34
Cara	33	38	45	44	61.1	11.6	0	32
Madsen	34	35	45	44	61.7	12.0	0	36
Masami	40	43	49	44	60.4	11.6	0	35
Brundage 96	34	36	43	44	61.0	11.7	0	36
Madsen/Rod	31	33	42	44	61.1	11.7	0	34
WA 8116			46	44	61.7	12.1	0	32
Goetze/Skiles			41	44	61.1	13.0	0	35
OR2070385				44	61.0	12.1	0	34
AP Badger				44	60.9	11.6	0	32
ORCF-102	35	37	44	43	61.4	11.9	0	37
Rod/Tubbs 06		36	44	43	60.6	11.7	0	36
WA 8094		40	44	43	62.1	11.9	0	35
ARS97230-6C				43	62.1	11.0	0	31
OR2071628				43	61.5	11.6	0	34
Rod/WB-528				43	61.8	12.5	0	35
ORCF-103	39	42	45	42	61.7	12.5	0	32
Stephens	31	33	39	41	61.1	11.8	0	34
UICF-Brundage	37	38	46	41	60.6	11.4	0	32
OR2040726		35	42	40	60.8	11.8	0	34
ID00-475-2DH			44	40	61.6	12.5	0	34
IDO663				40	61.5	11.6	0	33
Bitterroot	31	33	39	39	62.1	12.8	0	35
WB-528	33	34	39	39	62.5	12.9	0	34

2011 WSU Variety Testing SW Winter Wheat Trial, Lind

Variety Name *Club Italized	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2011				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT
AP Legacy		40	42	39	61.0	11.2	0	35
WA 8134				39	61.4	12.5	0	37
96-16702A				39	62.6	12.5	0	35
AP 700 CL	32	32	38	38	61.4	12.6	0	36
BZ6W02-616		31	37	38	62.4	13.2	0	32
WA 8114			35	37	61.4	12.3	0	32
Bruneau	29	30	36	36	61.8	12.7	0	33
WA 8142				35	61.5	14.3	0	33
Sunrise (Soft Red)			41	31	60.3	11.5	0	38
Lambert	27	26	32	30	60.3	11.7	0	36
03PN107#3				30	60.2	11.6	0	34
SY Ovation				30	61.7	13.2	0	34
WA 8145				29	61.2	13.4	0	36
NSA06-2153A				26	59.5	10.8	0	28
C.V.	22	18	14	14	0.7	4.7	0	5
LSD	4	6	7	11	0.8	1.1	0	4
Average	35	38	45	43	61.4	12.0	0	35
Highest	43	45	55	53	63.1	14.3	0	39
Lowest	27	26	32	26	59.5	10.8	0	28

Lind Soft White Winter Wheat – Preliminary Data

1. Grain yield in the Lind soft white winter wheat trial averaged 43 bushels/acre, 8 bushels/acre higher than the 5-year average. Higher yields were enabled by favorable spring precipitation and temperatures. 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 3 September, 2010 following summer 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. Fall seeding conditions were favorable and emergence and stand establishment were good.
3. Yields ranged from 26 to 53 bu/ac. All yield values within the 10% LSD range of the highest yield are shown in bold. Bruehl and Xerpha were the highest yielding varieties in the trial, but 39 of the 60 entries in the trial were within the top LSD range. Xerpha, Bruehl, and Eltan were the top yielding entries across five years of results. There was a relatively low level of stripe rust at this location and no fungicide was applied. Stripe rust impact on crop performance was low. The CV for this trial was 14 and is lower than in most previous years. The Lattice design was 146% efficient compared to an RCBD.
4. Test weights were good with an average of 61.4 lb/bu. Grain protein averaged 12.0% with a range of 10.8 to 14.3%, plant height averaged 35 inches, and there was no lodging.