

2014 WSU Variety Testing SW Winter Wheat Trial, Creston

Variety Name <i>Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2014						
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	DEER DAMAGE*	
WA 8169			91	74	60.7	10.9	34	156		
Masami	107	90	94	72	60.5	10.5	36	157		
Xerpha	112	90	92	72	60.9	11.6	37	157		
<i>Bruehl</i>	110	91	94	66	60.5	11.1	35	158		
Eltan	100	87	89	64	61.9	10.5	37	157		
MelaCL+ (WA 8155)		85	89	62	62.1	11.1	39	158		
<i>ARS010262-1C</i>				62	61.6	11.4	32	157		
WA 8200				62	62.3	11.1	34	158		
LWW10-1073				61	60.8	12.3	36	156		
<i>ARS010780-3C</i>		86	88	61	61.8	11.4	33	157		
IDO1108DH			91	60	60.6	11.3	35	158		
<i>4J071366-1</i>				59	61.3	11.0	33	157		
Tubbs 06	101	85	81	59	60.9	11.5	36	156		
ORCF-103	99	84	84	58	61.2	11.4	31	158		
WB-Junction			83	58	62.5	11.1	34	156		
Madsen	93	79	83	58	61.4	11.4	34	157		
<i>Coda</i>	99	79	81	58	62.9	11.9	34	157		
ORCF-102				58	61.5	12.0	34	156		
Skiles	98	74	77	58	60.8	12.1	29	156		
ARS010729-1L			85	58	62.7	11.1	31	157		
Eltan/Tubbs 06	98	83	82	58	61.3	11.0	37	157		
WA 8202				57	61.8	12.2	34	157		
<i>ARS-Crescent</i>	100	84	81	57	61.0	11.8	32	160		
ARS-Selbu		79	78	56	62.1	11.9	33	157		
WA 8170			84	56	61.8	12.0	34	157		
CuriosityCL+ (WA 8143)		80	84	56	61.9	10.9	38	157		
<i>4J071246-1C</i>			81	55	60.7	11.5	34	158		
ARS-Amber	105	86	86	54	61.1	11.0	30	157		
Kaseberg		82	84	54	61.5	11.2	30	156		
Otto	99	78	80	54	61.5	11.3	36	158		
WA 8201				52	61.2	11.8	32	159		
IDN-02-08806A				52	62.1	11.0	32	157		
Puma		80	79	52	61.6	11.9	36	156		
OR2080641				51	60.8	11.3	30	156		
WA 8199				50	60.8	12.4	33	159		
Stephens	91	76	75	49	60.9	11.5	31	156		
IDN-02-29001A				49	62.0	12.4	35	156		
LWW12-7105				47	60.2	11.6	27	156		
Trifecta			74	47	62.2	12.4	33	156		
IDN-01-10704A				45	60.7	11.3	36	155		
LWW-04-4009		76	73	42	62.0	12.9	31	159		
Rosalyn (OR2071071)	-----	Severe	Deer	Damage,	No	Data	-----	30	159	67
<i>Cara</i>	-----	Severe	Deer	Damage,	No	Data	-----	30	158	83
<i>ARS010679-1C</i>	-----	Severe	Deer	Damage,	No	Data	-----	32	158	80
LCS-Biancor	-----	Severe	Deer	Damage,	No	Data	-----	28	156	97
Bobtail	-----	Severe	Deer	Damage,	No	Data	-----	31	156	100
IDN-04-00405B	-----	Severe	Deer	Damage,	No	Data	-----	31	156	100
OR2090473	-----	Severe	Deer	Damage,	No	Data	-----	29	156	100

*Percent plot lost

2014 WSU Variety Testing SW Winter Wheat Trial, Creston

Variety Name <i>Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2014					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	DEER DAMAGE*
C.V. %	9	8	8	9	0.6	2.8	4	0	54
LSD (.10)	4	4	4	5	0.4	0.3	2	1	7
Average	101	81	82	57	61.3	11.6	33	157	13
Highest	112	91	94	74	62.9	12.9	39	160	100
Lowest	91	74	73	42	60.5	10.5	27	155	0

Creston Soft White Winter Wheat

1. Grain yield in the 2014 Creston soft white winter wheat trial averaged 57 bushels/acre, much lower than the five-year average of 100 bushels/acre. The Creston nursery was located about five miles north of Creston, WA (J. Krause, Cooperator).
2. This nursery was seeded on 13 September, 2013 following fallow. Seed was placed at an 85#/acre seeding rate using a double-disc plot drill with 6-inch row spacing. Base fertilizer was 85#N/acre applied pre-plant. Fall seeding and emergence were adequate. The crop survived cold December temperatures and no stand loss over winter was observed.
3. Yields reported ranged from 42 to 74 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 3 of the 48 entries in this trial. The variety 'Masami', was the highest yielding named entry in the trial and 'Xerpha' was the highest yielding across five years. The heads of awnless entries were heavily or completely grazed by deer and excluded from the data. There were no data taken on deer weight gain among grazed entries. There was no significant stripe rust observed at this location and no fungicide was applied.
4. Test weights averaged 61.3 lbs/bu and ranged from 60.5 to 62.9 lbs/bu. Grain protein at 11.6% averaged higher than in 2013 with a range of 10.5 to 12.9%. Plant height averaged 33 inches and there was no lodging.

*Percent plot lost