

2015 WSU Variety Testing SW Winter Wheat Trial, Almira

Variety Name <i>Club Italicized</i>	2015					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>								
Xerpha	61	57.8	12.7	33	147	75	92	104
Puma	59	58.5	13.2	34	144	65	85	93
Stephens	56	57.2	13.2	30	142	61	77	89
Jasper (WA 8169)	55	54.9	14.0	32	146	66	85	
WB-Junction	54	59.4	13.0	29	142	65	83	
CuriosityCL+ (WA 8143)	53	58.4	12.8	36	148	65	83	101
Masami	51	55.0	13.6	33	146	65	83	94
ORCF-103	50	58.2	13.2	31	147	62	80	90
Eltan	50	57.5	13.8	31	148	64	83	98
ORCF-102	50	59.2	14.1	34	144	57		
SY Ovation	50	58.7	13.3	31	144			
WB-1081CL+	49	61.0	12.9	31	143			
Otto	48	58.0	12.7	32	148	63	81	90
WB1529	48	62.0	13.1	30	143			
SY 107	48	57.0	12.9	27	144			
MelaCL+ (WA 8155)	47	58.7	13.1	33	148	65	79	
ARS-Selbu	47	58.0	13.7	31	147	59	77	89
<i>Cara</i>	47	54.5	13.2	31	147	53	72	83
<i>Coda</i>	46	58.3	14.6	30	148	59	76	91
<i>ARS-Crescent</i>	46	56.5	13.0	30	148	54	75	87
<i>Bruehl</i>	45	56.6	13.9	35	148	61	81	97
Madsen	44	57.5	14.1	31	145	56	74	91
ARS-Amber	37	55.5	14.2	30	146	49	70	89
<b>EXPERIMENTAL LINES</b>								
LOR-092	56	58.5	13.0	33	147			
IDN-06-18102A	56	57.5	13.1	32	144			
KXB-01	54	57.9	12.6	33	147			
WA 8226	54	57.0	13.5	33	147			
WA 8227	53	57.5	13.1	35	149			
Otto-G2	53	56.4	14.1	35	149			
IDO1005	53	58.9	13.0	34	146			
IDO1108DH	52	61.1	13.1	30	145	59	80	
Otto-0W	51	56.7	13.5	33	148			
KXB-03	51	57.5	12.6	35	147			
WA 8202	50	59.3	13.5	32	145	57		
OR2090473	49	55.3	12.5	26	144	57		
ARS010679-1C	48	56.0	13.8	34	147	55		
4J0713366C	47	57.6	12.9	33	146	62		
LWW10-1073	47	56.4	13.6	33	145	58		
WA 8225	46	56.6	13.3	31	148			
DAS 4	46	55.8	13.6	30	146			
ARS040335-9C	45	54.4	14.3	31	148			
ARS20060123-31C	45	56.9	13.1	32	146			
OR2080641	45	57.6	13.3	29	144	52		

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<i>ARS06135-9C</i>	45	59.2	13.8	29	146			
<b>DAS 3</b>	44	57.0	13.6	29	146			
<b>IDN-02-29001A</b>	43	58.2	13.6	31	144	57		
<b>KXB-02</b>	43	57.1	13.2	29	148			
<b>IDN-01-10704A</b>	42	57.0	13.1	30	144	59		
<b>C.V. %</b>	12	2	6	8	1	11	10	11
<b>LSD (0.10)</b>	6	1.0	0.9	3	1	4	4	4
<b>Average</b>	49	57.5	13.4	32	146	60	80	92
<b>Highest</b>	61	62.0	14.6	36	149	75	92	104
<b>Lowest</b>	37	54.4	12.5	26	142	49	70	83

### **Almira Soft White Winter Wheat—Preliminary Data**

1. Grain yield in the 2015 Almira soft white winter wheat trial averaged 49 bushels/acre, significantly lower than the five-year average. The Almira nursery was located about nine miles north of Almira, WA (D. McKay, Cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on September 10, 2014 following fallow at a rate of 85#/acre. Spring soil test showed 345#N, 18#P and 5#S. No additional fertilizer was applied. No stripe rust was observed at this location and no fungicide was applied.
3. Seeding conditions were dry and plant stands were generally thin last fall. Average stand establishment and a dry growing season contributed to the 12% CV for yield.