

2015 WSU Variety Testing SW Winter Wheat Trial, Connell

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>								
CuriosityCL+ (WA 8143)	28	58.1	14.7	25	140	32	34	40
Eltan	26	57.8	15.1	23	141	31	32	36
Puma	25	57.8	15.4	28	138	26	31	41
WB-Junction	25	59.2	14.8	24	138	27	29	
ORCF-103	25	56.7	15.4	24	140	23	25	33
MelaCL+ (WA 8155)	25	58.6	14.7	26	141	27	29	
Masami	24	56.6	16.3	24	141	29	32	39
Xerpha	23	57.0	15.6	28	142	28	30	38
<i>Bruehl</i>	23	56.2	15.5	26	141	25	25	36
Otto	23	56.5	15.7	25	141	28	32	39
Jasper (WA 8169)	22	53.8	16.2	24	140	26	31	
Stephens	22	54.1	15.7	26	138	24	25	32
Madsen	22	56.7	15.5	25	141	25	27	38
SY 107	22	55.5	15.7	25	140			
WB-1081CL+	21	<b>61.2</b>	14.8	25	138			
SY Ovation	21	58.7	15.2	24	140			
<i>ARS-Crescent</i>	21	56.5	16.6	23	142	25	28	37
ARS-Amber	21	55.8	15.0	22	140	24	27	35
WB1529	21	<b>61.2</b>	14.7	22	139			
ORCF-102	20	57.1	15.7	25	140	24		
<i>Cara</i>	19	56.9	16.1	21	142	21	23	34
<i>Coda</i>	18	57.7	16.8	21	141	21	26	37
ARS-Selbu	18	57.6	16.1	24	142	24	28	38
<b>EXPERIMENTAL LINES</b>								
Otto-G2	25	55.9	15.0	25	140			
<i>4J0713366C</i>	25	58.1	15.6	24	141	27		
Otto-0W	25	57.5	15.1	26	141			
KXB-01	24	57.6	16.1	28	140			
LOR-092	23	57.6	15.2	27	140			
WA 8225	23	56.1	15.7	26	142			
KXB-02	23	56.9	15.4	25	142			
OR2080641	23	56.3	14.7	25	139	25		
WA 8202	23	59.5	15.5	24	141	27		
WA 8227	23	56.7	15.0	27	142			
IDN-06-18102A	23	57.8	14.9	24	139			
<i>ARS20060123-31C</i>	22	56.3	15.4	24	140			
IDO1005	22	58.9	16.1	26	139			
<i>ARS06135-9C</i>	22	59.7	15.9	20	141			
IDO1108DH	21	<b>61.3</b>	14.7	27	139	26	28	
IDN-01-10704A	21	55.8	15.0	28	140	24		
KXB-03	20	58.1	15.3	27	141			
DAS 3	20	56.8	16.4	26	141			
LWW10-1073	19	54.8	16.5	30	141	25		
IDN-02-29001A	19	58.7	15.4	25	140	24		

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<b>DAS 4</b>	19	55.5	15.9	26	142			
<b>WA 8226</b>	19	56.5	15.4	24	141			
<i>ARS010679-1C</i>	19	56.9	16.2	22	142	21		
<i>ARS040335-9C</i>	19	55.5	16.3	23	142			
<b>OR2090473</b>	16	53.1	15.4	21	141	18		
<b>C.V. %</b>	11	2	4	6	1	11	12	12
<b>LSD (0.10)</b>	3	1.2	0.6	1	1	2	2	2
<b>Average</b>	22	57.2	15.5	25	140	25	29	37
<b>Highest</b>	28	61.3	16.8	30	142	32	34	41
<b>Lowest</b>	16	53.1	14.7	20	138	18	23	32

### Connell Soft White Winter Wheat--Preliminary Data

1. Grain yield in the 2015 Connell soft white winter wheat trial averaged 22 bushels/acre, 15 bushels/acre below the five-year average. The Connell nursery was located about 8 miles east of Connell, WA (D. Bauermeister, cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. Seeding conditions at this location were too dry for a normal seeding date. As a result, this nursery was seeded after fall rains on October 31, 2014 and was following fallow. Seeding rate was 50#/acre and a spring soil test showed 214#N/acre.
3. Due to the late seeding date, emergence was delayed until late-winter/early-spring, stands were generally thin, and yield suffered.