

2015 WSU Variety Testing Hard Winter Wheat Trial, Connell

Variety Name <i>Hard White 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>								
Keldin	<b>28</b>	60.3	14.6	27	136	29	28	
SY Clearstone CL2	<b>28</b>	59.2	15.4	29	136			
Eltan (SWW Check)	<b>27</b>	58.4	14.5	26	140	31	31	36
LCS Jet (NSA10-7208)	<b>26</b>	58.0	14.7	20	134	28		
Whetstone	25	61.5	14.9	25	134	26	27	
WB-Arrowhead	25	62.7	14.7	28	134	27	27	
Bauermeister	24	57.9	14.9	25	140	24	27	34
AP503 CL2	22	<b>63.2</b>	14.9	22	133	22	25	
LCS Colonia	22	55.6	14.6	24	140	23	29	
Farnum	21	57.0	16.2	27	142	25	29	36
Finley	21	62.3	14.5	27	138	27	27	33
Sprinter	20	60.3	15.9	26	132	23	22	29
LCS Evina	20	54.5	<b>17.6</b>	26	142	18		
Norwest 553	18	62.5	15.0	23	139	13	17	30
LCS-Azimut	17	57.7	13.7	22	134	22	25	32
<b>EXPERIMENTAL LINES</b>								
DAS 1	<b>26</b>	59.4	14.7	25	133	27	26	
WA 8181	25	57.3	15.6	26	141	25	27	
DAS 2	24	60.2	15.7	25	133	24	23	
WA 8180	24	60.2	14.7	29	139	25	30	
WA 8158	23	59.9	15.4	26	140	26	30	
WA 8207	22	57.7	16.3	28	142	23		
WA 8229	22	61.0	15.0	28	134			
WA 8178	22	58.1	15.3	27	142	25	28	
IDO1101	22	<b>63.8</b>	14.0	20	134	25	28	
WA 8228	21	60.2	16.1	22	140			
WA 8197	21	57.8	16.0	26	141	24		
HE9817/1.2	21	56.6	15.9	26	138			
IDO1209DH	19	61.9	15.6	27	140			
OR2110019H	18	60.3	15.0	25	137			
OR2100081H	18	61.3	14.9	23	139	13		
C.V. %	9	1	2	6	1	12	12	12
LSD (0.10)	2	0.8	0.4	2	1	2	2	2
Average	22	59.6	15.2	25	138	24	27	33
Highest	28	63.8	17.6	29	142	31	31	36
Lowest	17	54.5	13.7	20	132	13	17	29

**Connell Hard Winter Wheat--Preliminary Data**

1. Grain yield in the 2015 Connell hard winter wheat trial averaged 22 bushels/acre, 11 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.