

**2019 WSU Variety Testing Soft Winter Wheat Trial, Connell**

Variety Name <i>Club Italicized</i>	2019				2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>							
Xerpha	74	60.4	10.6	39	72	70	61
SY Candor (09PN008#72)	71	60.0	11.6	36	70		
SY Banks	70	58.4	10.9	38	70	66	
LCS Shine (LWW14-72916)	70	57.7	10.6	31	65		
UI Magic CL+	69	59.7	11.8	33	69	61	
LCS Hulk	69	60.6	11.5	35	70	65	
SY Command	69	57.6	10.7	36	73	66	
Curiosity CL+	68	60.5	11.1	39	69	68	59
Puma	68	59.5	11.1	38	72	65	58
Norwest Tandem	68	59.1	11.0	30	68	62	
M-Press	67	58.4	11.3	35	71		
Jasper	67	57.6	11.8	36	72	66	
WB1783	66	61.3	11.4	38	64	59	
Mela CL+	66	60.8	11.7	41	66	67	58
ORCF-102	66	60.2	12.0	40	70	65	56
<i>Dyna-Gro Impact</i>	66	60.2	11.3	34	72		
ARS-Castella (ARS20060123-31C)	66	57.8	10.9	38	68	69	60
UI Sparrow	65	59.0	10.6	40	62	59	
Eltan	65	61.5	11.1	39	65	62	55
Norwest Duet	65	59.7	11.2	38	69	68	60
WB1529	64	60.9	11.5	33	67	63	56
<i>WB1604</i>	64	57.0	11.8	37	65	60	
Pritchett	64	56.9	11.4	36	70	69	60
WB1376CLP	64	61.0	12.2	37	69	56	
LCS Sonic	64	57.5	11.3	37	68	65	
<i>Otto</i>	63	60.5	11.6	40	65	63	54
WB1532	63	59.0	11.9	35			
ARS-Crescent	62	58.0	11.5	37	64	62	53
<i>UI Castle CL+</i>	59	59.6	11.8	36	66	58	
<i>Bruehl</i>	58	55.9	12.7	35	64	60	53
<b>Experimental Lines</b>							
WA 8305 CL+	73	59.7	11.1	38			
LWW16-71088	73	57.7	10.7	36			
UIL 17-6834 CL+	72	59.9	11.3	37			
WA 8271	72	62.1	11.4	37	70	67	
08PM030-3	72	58.8	11.0	37			
WA 8290	68	60.1	11.4	38	69		
WA 8308	67	57.9	11.0	36			
UIL 09-15702A	66	59.6	11.6	37	68	62	
ORI2161250 CL+	65	59.4	11.5	36			
OR2121086	65	59.3	10.7	38	69	64	
UIL 17-6451 CL+	64	61.2	11.7	38			

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<b>06PN212-25</b>	63	56.6	11.6	33			
<b>ARSDH08X117-83C</b>	62	58.9	11.2	36	67		
<b>ORI2150031 CL+</b>	61	58.3	12.2	35	65	58	
<b>IDO1808</b>	61	58.1	11.4	36			
<b>AICO101</b>	60	56.8	12.0	42			
<b>IDO1810</b>	59	59.2	11.5	35			
<b>ARS09X492-6CBW</b>	59	57.4	12.5	34			
<b>C.V. %</b>	5	1.3	4.3	3	6	8	7
<b>LSD (0.05)</b>	5	1.1	0.7	2	4	4	3
<b>Average</b>	66	59.1	11.4	37	68	64	57
<b>Highest</b>	74	62.1	12.7	42	73	70	61
<b>Lowest</b>	58	55.9	10.6	30	62	56	53

### Agronomic Information

Planting Date:	9/10/2018
Harvest Date:	8/8/2019
Seeding Rate (seeds/ft <sup>2</sup> ):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	141
P (ppm-bicarb) 2-ft sample	14.8
S (lb/ac) 2-ft sample	39
pH (top 6 inches)	5.8

### Trial Notes:

-The Connell nursery was located about 9 miles east of Connell, WA.

-Overall yield was 6% less than 2018 and grain test weight was about 1.2 lb/bu less than last year.

**Cooperator: Dan Bauermeister**

Herbicides and Fungicides applied by cooperator