

2018 WSU Variety Testing Soft Winter Wheat Trial, Connell

Variety Name <i>Club Italicized</i>	2018						2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>									
<b>SY Command</b>	<b>78</b>	59.5	9.0	37	135	0	65	69	
<b>Jasper</b>	<b>78</b>	59.5	10.4	37	135	0	66		46
<b>Dyna-Gro Impact</b>	<b>77</b>	61.1	10.1	38	134	0			
<b>Puma</b>	<b>76</b>	60.7	9.7	41	134	0	63	66	50
<i>Pritchett</i>	<b>76</b>	58.8	9.8	36	136	0	71	70	53
<b>M-Press</b>	<b>75</b>	60.4	9.7	37	135	0			
<b>ORCF-102</b>	<b>74</b>	61.4	9.7	39	135	0	64	65	49
<b>UI Castle CL+</b>	<b>74</b>	61.0	10.8	38	134	0	57	59	
<b>Norwest Duet</b>	<b>74</b>	60.3	10.5	40	136	0	70	70	
<b>WB1376CLP</b>	<b>74</b>	<b>62.8</b>	11.0	39	133	0	52	58	
<b>LCS Sonic</b>	72	60.0	10.1	38	135	0	65	67	
<i>ARS-Castella (ARS20060123-31C)</i>	71	59.2	9.2	38	136	0	71	70	
<b>Xerpha</b>	71	59.7	9.3	38	136	0	68	70	53
<i>Bruehl</i>	71	57.3	10.0	39	138	0	61	61	47
<b>SY Banks</b>	71	59.6	9.7	37	135	0	64	65	
<b>Curiosity CL+</b>	70	60.0	9.2	40	137	0	68	66	53
<b>LCS Hulk</b>	70	61.8	10.2	36	135	0	63	66	
<b>WB1529</b>	70	61.4	10.2	35	135	0	63	65	
<b>SY Candor (09PN008#72)</b>	68	61.1	10.3	35	136	0			
<b>Norwest Tandem</b>	68	60.7	9.4	33	134	0	59		
<b>UI Magic CL+</b>	68	61.3	9.9	33	134	0	57	61	
<b>WB1604</b>	66	60.6	10.1	35	133	0	59	62	
<b>Otto</b>	66	60.0	10.4	38	140	3	63	61	48
<i>ARS-Crescent</i>	65	58.8	10.0	37	138	0	61	61	47
<b>Mela CL+</b>	65	59.8	9.5	39	137	0	68	66	51
<b>ORCF-103</b>	64	60.0	10.0	34	138	0	59	60	45
<b>Eltan</b>	64	60.0	9.4	37	138	0	61	62	50
<b>WB1783</b>	62	61.7	10.9	36	135	0	55		
<b>UI Sparrow</b>	58	59.1	10.8	35	138	0	56	56	50
<b>Experimental Lines</b>									
<b>UIL 07-28017B</b>	<b>81</b>	61.8	9.4	36	133	0	67	70	
<b>KXB-01</b>	73	60.9	9.9	39	137	0	71	72	
<b>OR2121086</b>	73	60.9	9.8	36	134	0	63		
<b>YS-205</b>	71	61.2	10.1	37	136	0			
<i>ARSDH08X117-83C</i>	71	61.6	9.9	37	136	0			
<b>WA 8290</b>	71	60.4	10.2	38	136	0			
<b>WA 8270</b>	70	58.3	11.1	38	137	0	60		
<b>ORI2150031 CL+</b>	70	60.6	11.3	38	135	0	56		
<b>UIL 09-15702A</b>	70	60.9	10.8	39	135	0	61		
<b>WA 8291</b>	69	60.1	10.0	39	138	0			
<b>KWS147</b>	68	<b>62.1</b>	10.9	35	134	0			
<b>WA 8271</b>	68	61.4	10.3	37	138	0	64		
<b>LWW15-71945</b>	67	58.9	10.2	35	135	0			
<b>IDO1005</b>	64	60.5	11.2	38	137	0			

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<b>LWW14-72916</b>	61	61.2	9.5	29	135	0			
<b>IDO1708</b>	61	58.3	9.7	36	134	0			
<i>ARSWA2J100065C</i>	58	57.9	9.9	35	138	0			
<b>C.V. %</b>	7	0.8	6.0	4	1	1200	9	7	7
<b>LSD (0.05)</b>	7	0.7	0.8	2	1	1	5	4	2
<b>Average</b>	70	60.3	10.1	37	136	0	63	65	49
<b>Highest</b>	81	62.8	11.3	41	140	3	71	72	53
<b>Lowest</b>	58	57.3	9.0	29	133	0	52	56	45

### Agronomic Information

Planting Date:	9/6/2017
Harvest Date:	7/24/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	252
P (ppm-bicarb) 2-ft sample	120
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	5.8

### Trial Notes:

1. The Connell nursery was located about 9 miles east of Connell, WA.
2. The nursery was fertilized prior to planting 100N
3. Overall yield was 30% greater than 2017 and grain test weight was about 0.8 lb/bu less than last year.

**Cooperator: Dan Bauermeister**

Herbicides and Fungicides applied by cooperator