

2018 WSU Variety Testing Soft Winter Wheat Trial, Ritville

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	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>								
Xerpha	91	59.2	6.8	38	141	88	71	66
<i>Pritchett</i>	91	58.6	7.2	39	141	89	72	
LWW14-72916	87	60.0	7.5	34	138			
LCS Sonic	86	60.1	7.4	40	139	87		
Dyna-Gro Impact	85	60.9	7.8	36	139			
<i>ARS-Crescent</i>	84	59.9	7.0	39	143	82	67	60
SY Candor (09PN008#72)	83	61.1	8.2	41	140			
Mela CL+	82	60.7	7.1	40	144	81	66	62
Curiosity CL+	82	60.1	7.0	40	143	81	65	62
<i>ARS-Castella (ARS20060123-31C)</i>	82	59.1	7.5	39	139	86	71	
Jasper	82	59.9	7.6	38	140	82	68	63
UI Castle CL+	81	60.7	7.7	38	139	82		
Puma	80	60.2	7.9	40	140	83	68	62
Eltan	80	60.0	7.3	40	144	75	63	61
UI Sparrow	80	59.7	7.3	39	142	80		68
LCS Hulk	79	62.2	7.5	37	140	86		
Norwest Duet	79	60.7	7.2	43	141	85	70	
ORCF-102	78	61.4	8.5	41	140	81	66	
WB1529	78	62.4	8.0	36	139	84	68	
M-Press	77	59.3	7.3	39	139			
SY Banks	77	59.7	7.6	40	140	85		
Otto	75	60.6	7.3	40	143	78	65	62
WB1783	73	62.6	8.4	39	138	77		
WB1376CLP	72	63.0	8.9	39	137	79		
Norwest Tandem	70	60.7	8.5	34	137	77		
UI Magic CL+	70	60.5	7.8	35	136	75		
SY Command	69	59.3	7.4	37	139	75		
<i>Bruehl</i>	69	58.5	7.4	41	143	75	63	58
WB1604	67	60.3	7.8	37	135	75		
ORCF-103	65	60.4	8.1	36	145	66	58	55
<i>Experimental Lines</i>								
WA 8271	88	61.9	8.2	36	143	87		
<i>ARSDH08X117-83C</i>	88	60.7	7.0	38	140			
WA 8270	87	59.6	7.7	41	142	86		
YS-205	85	63.0	8.1	37	140			
WA 8291	84	61.1	7.7	43	142			
<i>ARSWA2J100065C</i>	81	59.0	7.1	36	143			
UIL 07-28017B	80	61.3	7.9	37	138	84		
OR2121086	77	61.3	8.1	40	139	80		
ORI2150031 CL+	76	61.0	8.7	38	140	73		
WA 8290	76	60.0	7.8	40	141			
UIL 09-15702A	76	61.0	8.0	40	139	80		
KWS147	74	62.4	9.1	35	139			
KXB-01	74	59.7	7.2	38	141	85	70	

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<b>IDO1708</b>	74	58.3	7.6	38	136			
<b>IDO1005</b>	72	60.7	8.9	40	141		52	
<b>LWW15-71945</b>	69	57.9	7.5	36	140			
<b>C.V. %</b>	8	0.9	6.9	5	1	7	7	7
<b>LSD (0.05)</b>	9	0.7	0.7	2	1	6	4	3
<b>Average</b>	79	60.5	7.7	38	140	81	66	62
<b>Highest</b>	91	63.0	9.1	43	145	89	72	68
<b>Lowest</b>	65	57.9	6.8	34	135	66	52	55

### Agronomic Information

Planting Date:	9/6/2017
Harvest Date:	7/25/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	152
P (ppm-bicarb) 2-ft sample	41
S (lb/ac) 2-ft sample	18
pH (top 6 inches)	6.1

Herbicide: Applied by cooperator. No fungicides

### Trial Notes:

1. The Ritville nursery is located about 5 miles west of Ritville, WA.
2. The nursery was fertilized prior to planting at 50N 5S.
3. Overall yield was 4% less than 2017 and test weights are similar.

**Cooperator: R. Jirava**

\* 3-year average from 2018, 2017, 2015

\*\* 5-year average from 2018, 2017, 2015, 2014, 2013