

2018 WSU Variety Testing Soft Winter Wheat Trial, Harrington

Variety Name <i>Club Italicized</i>	2018				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)
Released Varieties							
LCS Sonic	76	59.7	9.4	32	78	77	
<i>Pritchett</i>	73	57.6	8.5	34	69	70	
Xerpha	72	58.9	8.6	32	73	79	75
WB1604	72	59.8	10.2	30	71	72	
Norwest Duet	71	59.1	9.3	37	76	77	
SY Command	71	58.2	9.6	32	70	76	
LCS Hulk	70	60.9	10.0	30	78	80	
<i>ARS-Crescent</i>	70	58.5	8.5	32	70	73	72
Dyna-Gro Impact	70	59.9	8.7	31			
<i>ARS-Castella (ARS20060123-31C)</i>	69	57.8	9.4	29	72	76	
SY Candor (09PN008#72)	69	60.0	10.1	31			
M-Press	68	59.1	9.7	29			
Jasper	67	59.0	9.1	32	73		
WB1529	67	60.5	9.8	30	71	73	
Curiosity CL+	66	59.2	8.5	36	70	70	70
Norwest Tandem	65	58.9	9.3	28	67		
UI Sparrow	65	58.7	10.2	33	66	73	72
UI Castle CL+	64	60.0	9.9	32	68	68	
UI Magic CL+	64	59.5	9.2	30	72	71	
Mela CL+	64	60.0	9.7	36	71	73	69
ORCF-102	64	59.3	9.3	35	68	72	
SY Banks	63	59.1	10.1	31	70	74	
Eltan	63	60.3	8.8	32	66	65	65
Puma	63	59.0	9.2	35	65	71	66
<i>Bruehl</i>	61	57.8	10.1	32	71	74	71
WB1783	60	60.3	10.2	34	66		
Otto	59	59.9	10.0	32	66	70	69
WB1376CLP	56	60.2	10.3	31	61	67	
ORCF-103	46	58.6	10.5	30	54	59	60
Experimental Lines							
UIL 07-28017B	79	59.9	9.0	33	83	83	
KWS147	76	60.0	9.8	29			
LWW15-71945	76	56.5	9.0	30			
UIL 09-15702A	76	59.9	9.1	33	77		
<i>ARSDH08X117-83C</i>	73	59.9	8.7	32			
KXB-01	72	58.6	9.6	33	83	83	
WA 8291	71	59.9	10.2	36			
LWW14-72916	71	57.7	8.5	26			
WA 8270	70	57.8	9.4	33	72		

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WA 8271	69	60.6	9.2	32	68		
YS-205	65	60.7	9.6	32			
<i>ARSWA2J100065C</i>	65	57.4	8.6	29			
ORI2150031 CL+	64	59.6	10.7	32	65		
WA 8290	63	59.0	9.9	34			
IDO1005	60	58.4	10.4	31			
IDO1708	56	58.1	10.0	30			
OR2121086	54	58.3	10.5	34	62		
C.V. %	7	1.6	7.2	4	9	9	9
LSD (0.05)	7	1.3	0.9	2	6	5	4
Average	67	59.2	9.5	32	70	73	69
Highest	79	60.9	10.7	37	83	83	75
Lowest	46	56.5	8.5	26	54	59	60

Agronomic Information

Planting Date:	9/11/2017
Harvest Date:	8/1/2018
Seeding Rate (seeds/ft ²):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	154
P (ppm-bicarb) 2-ft sample	76
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	5.36
Herbicide:	
No fungicides applications	

Trial Notes:

1. The Harrington nursery was located about 7 miles west of Harrington, WA.
2. The nursery was fertilizer at 55N 10P prior to seeding.
3. Overall yield was 8% less than 2017 and grain test weight was 0.2 lb/bu less than last year.

Cooperator M Kramer

* - 5-year data from 2018, 2017, 2016, 2014, 2013