

2020 WSU Variety Testing Soft Winter Wheat Trial, Harrington

Variety Name <i>Club Italicized</i>	2020					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>								
UI Sparrow	72	62.8	10.5	31	--	69	68	68
LCS Sonic	70	65.0	11.6	32	--	73	75	
Norwest Duet	68	62.5	10.3	34	--	69	73	
<i>ARS-Crescent</i>	67	65.2	10.4	30	--	69	69	67
Xerpha	67	63.2	10.3	32	--	69	71	72
LCS Hulk	65	65.0	11.7	28	--	68	73	
UI Castle CL+	64	64.3	11.2	32	--	64	66	
WB1783	61	65.1	11.9	29	--	61	65	
Dyna-Gro Impact	61	64.5	11.7	29	--	65		
Jasper	61	62.3	11.8	28	--	64	69	65
AP Dynamic	60	63.8	11.5	30	--			
Curiosity CL+	60	64.8	10.8	33	--	63	67	64
Puma	60	64.7	12.1	29	--	61	63	63
Devote	60	65.3	11.0	27	--	64	66	
SY Command	60	62.7	10.3	32	--	65	67	
Mela CL+	59	64.8	10.6	32	--	61	67	65
Resilience CL+	59	64.7	11.4	29	--			
M-press	57	64.6	11.3	27	--	63		
Stingray CL+	57	63.0	12.3	30	--			
UI Magic CL+	57	64.6	11.5	27	--	60	67	
YS-215	56	65.6	10.7	30	--			
Norwest Tandem	54	63.6	11.8	26	--	59	63	
<i>Bruehl</i>	54	62.4	11.3	30	--	57	65	64
<i>Pritchett</i>	54	64.2	11.3	28	--	64	64	62
Appleby CL+ (ORI2161250 CL+)	52	64.4	11.9	30	--			
VI Frost	52	63.0	11.7	30	--	64	69	
YS-201	52	63.5	12.2	29	--			
<i>ARS-Castella</i>	51	63.8	11.1	29	--	60	65	
Purl	51	64.3	11.5	30	--			
WB1532	49	64.2	12.3	31	--			
SY Banks	49	63.9	11.8	31	--	56	63	
Otto	49	63.6	11.1	31	--	54	60	62
LCS Shine	45	64.2	12.4	25	--	58		
M-idas	42	63.4	12.5	25	--			
WB1529	32	64.2	14.2	26	--	49	58	
WB1604	14	--	16.3	26	--	43	52	
<i>Experimental Lines</i>								
LWW17-5815	70	65.7	11.69	30	--			
WA 8305 CL+	67	64.2	10.42	33	--			
WA 8316	67	64.0	10.7	33	--			
WA 8308	66	62.4	10.8	33	--			
OR2130755	66	64.4	11.9	33	--			
UIL 17-6451 CL+	66	65.6	11.4	32	--			
WA 8290	65	62.6	10.5	32	--	64		
LWWC18-5477 CL+	65	62.9	11.1	28	--			
LWWC18-5475 CL+	63	64.3	12.1	29	--			

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X61-1	61	63.1	11.2	31	--			
UIL 17-6834 CL+	61	63.4	12.9	27	--			
<i>WA 8317</i>	60	64.6	10.6	29	--			
LWW16-71088	58	62.4	10.7	27	--			
<i>ARSX12015-68CBW</i>	57	62.6	11.4	31	--			
11PN042#02	54	62.6	11.1	27	--			
11PN039#20	43	65.9	13.3	29	--			
<i>OR5170022</i>	41	64.7	13.3	27	--			
C.V. %	11	1.5	5.7	5	--	9	10	10
LSD (0.05)	13	2.2	1.3	4	--	7	7	5
Average	57	64.0	11.6	30	--	62	66	65
Highest	72	65.6	16.3	34	--	73	75	72
Lowest	14	62.3	10.3	25	--	43	52	62

Agronomic Information

Planting Date:	9/9/2019
Harvest Date:	8/6/2019
Seeding Rate (seeds/ft ²):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	286
P (ppm-bicarb) 2-ft sample	22
S (lb/ac) 2-ft sample	41
pH (top 6 inches)	5.2

Trial Notes:

1. The Harrington nursery was located 5 miles W/SW of Harrington, WA.
2. Overall yield was 15% less than 2018 (2019 data not published) and test weight was 4.8 lb/bu more.

Cooperator: Mark Kramer