

2020 WSU Variety Testing Soft Winter Wheat Trial, Connell

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>								
Xerpha	77	60.9	10.4	35	138	72	72	71
LCS Hulk	76	61.9	11.2	31	136	69	69	67
M-idas	70	60.0	11.0	28	134			
<i>ARS-Crescent</i>	69	60.4	10.0	32	139	68	67	64
SY Banks	69	59.4	11.5	34	136	69	70	67
AP Dynamic	69	59.0	11.1	31	138	68		
M-press	68	60.7	10.4	33	136	67	70	
Norwest Duet	67	60.4	10.7	35	136	67	69	69
LCS Sonic	65	60.6	11.2	31	135	66	68	66
Purl	65	60.8	11.7	30	135			
Mela CL+	65	60.2	11.0	35	139	65	65	66
<i>Bruehl</i>	64	58.9	10.7	32	141	60	63	61
Devote	64	60.7	11.4	31	137	69	69	
Norwest Tandem	64	60.1	11.5	28	135	63	65	
YS-201	63	58.8	11.7	33	135			
Dyna-Gro Impact	62	60.2	11.1	31	135	65	69	
<i>Pritchett</i>	62	60.1	10.6	32	136	65	68	68
SY Command	62	59.3	9.9	31	135	67	70	68
LCS Shine	62	60.4	9.8	25	135	66	65	
UI Sparrow	60	59.8	10.5	34	137	65	63	59
UI Castle CL+	60	60.3	12.0	31	137	60	65	60
Jasper	60	59.9	11.4	32	137	65	69	
Puma	59	60.5	11.1	34	136	64	68	65
Appleby CL+ (ORI2161250 CL+)	59	58.8	12.0	33	134	61		
WB1532	59	60.1	11.8	32	137	61		
Curiosity CL+	58	60.2	11.6	33	140	65	67	66
UI Magic CL+	57	60.3	12.3	29	135	63	64	62
YS-215	57	59.5	10.7	30	135			
Otto	57	59.2	11.5	30	138	61	63	61
<i>ARS-Castella</i>	56	57.6	10.4	30	136	61	64	66
WB1529	53	61.4	11.5	28	136	62	64	64
VI Frost (UIL 09-15702A)	53	58.4	12.4	31	136	60	63	
WB1783	52	59.6	12.5	31	136	61	61	
Stingray CL+	50	56.6	11.8	32	135			
WB1604	49	58.5	12.6	28	135	57	60	60
Resilience CL+	46	58.0	11.4	29	137			
<i>Experimental Lines</i>								
WA 8308	67	59.7	10.4	32	137	67		
LWWC18-5475 CL+	67	60.3	12.5	29	135			
UIL 17-6451 CL+	64	60.4	12.4	34	135	61		
WA 8316	64	59.9	10.5	34	136			
LWWC18-5477 CL+	64	59.1	11.3	31	136			
11PN039#20	64	61.9	10.7	29	135			
WA 8290	62	58.5	11.3	29	138	63	66	
WA 8317	61	59.2	11.1	30	138			
<i>ARSX12015-68CBW</i>	61	59.0	10.4	31	139			
<i>OR5170022</i>	60	58.4	11.2	30	136			
X61-1	60	60.4	11.9	35	136			

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WA 8305 CL+	59	60.5	10.8	34	136	66		
OR2130755	57	58.5	11.7	32	135			
LWW17-5815	57	60.6	11.4	32	136			
11PN042#02	57	58.2	10.8	29	135			
LWW16-71088	56	56.9	10.9	28	137	61		
UIL 17-6834 CL+	50	57.7	13.0	29	136	63		
C.V. %	12	2.4	5.9	5	1	10	9	8
LSD (0.05)	14	2.8	1.3	3	3	7	5	4
Average	61	59.6	11.3	31	136	64	66	65
Highest	77	61.9	12.6	35	141	72	72	71
Lowest	46	56.6	9.8	25	134	57	60	59

Agronomic Information

Planting Date:	9/10/2019
Harvest Date:	7/14/2020
Seeding Rate (seeds/ft ²):	13
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	169
P (ppm-bicarb) 2-ft sample	10
S (lb/ac) 2-ft sample	18
pH (top 6 inches)	6.8

Trial Notes:

- The Connell nursery was located about 7.5 miles SE of Connell, WA.
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- Overall yield was 10% lower than 2019 and test weight was 0.5 lb/bu greater.

Cooperator: Luke Van Hollebeke