

2020 WSU Variety Testing Soft Winter Wheat Trial, Dayton

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>								
SY Raptor	135	62.4	10.1	34	143	108	108	
AP Dynamic	133	61.4	10.4	34	146			
M-idas	133	62.7	9.6	31	141			
LCS Blackjack	133	60.6	9.6	35	145	112	112	
Purl	132	63.3	10.6	36	147	106	104	111
SY Dayton	131	63.1	10.2	33	145	108	106	114
<i>Pritchett</i>	131	61.7	9.9	35	144	104		
M-press	131	63.1	9.2	33	146	110	110	
Jasper	130	62.5	10.6	37	141	104	104	
LCS Hulk	130	64.2	10.5	34	146	108	107	109
LCS Artdeco	130	62.7	9.9	32	144	108	107	116
LCS Ghost	130	60.4	9.1	36	143	110	110	
LCS Shine	129	63.0	10.0	32	144	106	103	
Xerpha	128	62.1	9.1	35	151	110	108	116
UI Castle CL+	127	63.1	11.3	37	147			
AP Iliad	127	63.4	10.6	33	145	106		
<i>ARS-Crescent</i>	127	61.3	10.1	37	149	101	98	101
Norwest Duet	126	62.9	9.6	39	151	104	103	110
Stingray CL+	126	62.9	10.4	35	145			
Norwest Tandem	125	62.6	10.8	30	142	103	105	
Nixon	125	63.8	9.9	37	144	105	103	
<i>ARS-Castella</i>	123	62.3	9.9	36	145	101	99	102
WB1783	123	64.4	10.6	35	146	101	98	
OR2x2 CL+	123	63.0	10.6	35	145			
UI Sparrow	121	61.2	10.2	38	150	103	100	106
Dyna-Gro Impact	120	63.6	10.6	34	148	96	99	
Rosalyn	120	60.0	9.7	33	148	104	107	120
VI Bulldog	119	63.9	10.2	34	143	101	103	113
Resilience CL+	118	63.0	10.4	34	152			
LCS Drive	118	62.7	10.0	29	142	99	100	
LCS Shark	117	62.5	10.4	34	145	100	100	
Puma	116	62.3	10.3	38	150	99	99	106
Appleby CL+ (ORI2161250 CL+)	116	62.7	11.1	35	143			
WB1529	115	65.0	11.2	33	145	95	94	105
WB1532	114	63.1	11.1	32	150	96	93	
UI Magic CL+	113	63.3	10.6	34	145			
WB1604	110	64.1	10.8	33	143	89	91	100
YS-201	109	63.1	10.3	34	146	91	89	
YS-215	101	63.0	10.1	35	147			
<i>Experimental Lines</i>								
LWW16-71088	134	63.3	9.4	33	147	109		
WA 8306 CL+	134	62.7	9.9	38	148			
11PN042#02	132	61.3	10.5	34	145			
UIL 17-6268 CL+	132	63.6	10.0	32	144			
LWWC18-5477 CL+	131	62.8	10.8	38	145			
WA 8305 CL+	130	62.6	9.9	39	146			
WA 8307	129	61.4	11.1	38	147	104		
<i>ARS09X492-6CBW</i>	124	62.4	11.4	35	147	104		

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WA 8293	124	61.8	10.3	36	150	103	103	
X61-1	124	63.2	10.2	38	147			
OR2140401	123	61.8	10.9	35	149	99		
LWWC18-5475 CL+	121	63.6	9.6	35	144			
<i>ARSX12016-45CBW</i>	120	60.9	10.7	34	147			
<i>OR5170022</i>	115	62.7	11.4	33	146			
C.V. %	6	1.0	4.9	3	--	6	6	5
LSD (0.05)	11	1.3	1.0	2	--	7	5	4
Average	124	62.7	10.3	35	146	103	102	110
Highest	135	65.0	11.4	39	152	112	112	120
Lowest	101	60.0	9.1	29	141	89	89	100

Agronomic Information

Planting Date:	10/17/2019
Harvest Date:	7/24/2020
Seeding Rate (seeds/ft ²):	21
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	187
P (ppm-bicarb) 2-ft sample	22
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	5.5

Trial Notes:

1. The Dayton nursery was located about 6 miles NW of Dayton, WA.
2. Overall yield was 55% higher than 2019 and test weight was 3.2 lb/bu greater.

Cooperator: Jay Penner