

2020 WSU Variety Testing Soft Winter Wheat Trial, Moses Lake

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>								
Norwest Tandem	91	58.2	13.2	25	146	75	81	
SY Raptor	90	57.5	13.2	25	146	67	75	
Stingray CL+	87	58.5	13.9	29	146	71	78	
UI Castle CL+	87	59.2	13.6	31	148	65	71	94
LCS Ghost	87	55.7	11.5	27	146	66	77	
VI Bulldog	85	57.9	13.3	26	148	68	76	104
OR2x2 CL+	84	57.5	14.1	30	147	68	76	
UI Sparrow	84	56.7	13.5	31	147	66		91
AP Iliad	83	58.0	13.3	27	147	66		
LCS Drive	83	55.5	13.2	23	145	66	76	
UI Magic CL+	83	59.4	13.2	27	146	66	75	98
LCS Hulk	83	58.3	13.8	28	146	69	78	104
M-idas	82	56.6	12.4	26	146			
Dyna-Gro Impact	81	58.2	14.1	27	146	67	75	
SY Dayton	80	57.6	13.1	26	146	66	71	97
SY Assure	80	58.9	13.1	25	146	60	71	100
M-press	80	57.8	13.6	25	147	67		
Appleby CL+ (ORI2161250 CL+)	80	58.7	13.5	27	147	65		
WB1529	80	60.3	13.4	24	147	64	72	93
WB1532	80	57.2	15.2	27	146		78	
LCS Blackjack	80	54.9	13.8	25	148	69	79	
Purl	79	57.7	13.3	27	145	63	71	
Puma	79	58.7	14.1	30	145	66	74	97
Resilience CL+	78	59.9	13.6	27	145	65	75	93
Norwest Duet	77	55.7	14.1	28	145	66	76	101
WB1376CLP	77	60.0	14.6	29	146	57	64	88
Nixon	76	56.9	13.3	28	146	64	70	
WB1604	76	58.7	13.4	26	147	60	72	95
Xerpha	75	54.5	13.8	29	147	63		68
LCS Shark	74	54.2	13.6	26	146	64	72	101
Jasper	74	52.7	14.7	29	145	63	73	
LCS Artdeco	73	53.9	12.9	25	146	62	73	100
WB1783	73	59.9	14.6	26	146	62	69	
Rosalyn	71	55.8	13.2	26	146	59	68	96
YS-201	71	55.8	14.4	26	147	58		
YS-215	71	58.1	14.7	29	147			
YS-221	64	58.2	14.9	27	147			
<i>Experimental Lines</i>								
WA 8306 CL+	91	59.4	12.9	33	146	72		
WA 8305 CL+	91	58.6	13.1	33	145	72		
11PN042#02	84	55.2	13.3	27	146			
LWW16-71088	84	56.2	13.3	27	147			
GSW12	83	58.5	14.5	30	148			
OR2140401	81	56.3	13.7	29	147			
WA 8293	81	56.6	13.9	29	147	69	72	
X61-1	79	56.6	14.6	30	147			
WA 8307	74	54.0	13.5	29	149	61		
OR5170022	58	54.7	16.4	22	148			

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<b>C.V. %</b>	8	1.6	3.1	7	1	8	9	9
<b>LSD (0.05)</b>	10	1.7	0.8	4	3	6	6	6
<b>Average</b>	80	57.3	13.7	27	146	65	74	95
<b>Highest</b>	91	60.3	16.4	33	149	75	81	104
<b>Lowest</b>	58	52.7	11.5	22	145	57	64	68

### Agronomic Information

Planting Date:	10/23/2019
Harvest Date:	7/20/2020
Seeding Rate (seeds/ft <sup>2</sup> ):	24
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	430
P (ppm-bicarb) 2-ft sample	19
S (lb/ac) 2-ft sample	116
pH (top 6 inches)	6.4

### Trial Notes:

1. The Moses Lake winter nursery was located 11 miles NE of Wheeler, WA.
2. Overall yield was 59% greater than 2019 and test weight was 4.0 lb/bu greater than last year'.

**Cooperator: Sammy Stahl**