

2020 WSU Variety Testing Soft Winter Wheat Trial, Horse Heaven

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>								
LCS Hulk	47	--	11.5	--	144	53	48	
Devote	45	--	11.7	--	145	49	44	
SY Banks	45	--	11.7	--	146	49	44	
Mela CL+	44	--	11.3	--	146	49	46	41
LCS Shine	43	--	10.1	--	138	51		
Xerpha	43	--	11.6	--	151	54	47	42
WB1532	42	--	12.1	--	143	44		
Puma	42	--	12.3	--	140	49	44	39
LCS Sonic	41	--	12.2	--	141	48	45	
YS-215	40	--	10.7	--	147			
SY Command	40	--	11.8	--	145	51	44	
Purl	40	--	13.9	--	141			
ARS-Crescent	40	--	10.6	--	148	51	44	37
AP Dynamic	39	--	9.8	--	148			
Pritchett	39	--	11.2	--	143	51	46	40
Curiosity CL+	39	--	9.6	--	151	51	47	42
Otto	39	--	12.8	--	148	46	41	38
Bruehl	39	--	12.3	--	147	44	40	37
UI Sparrow	39	--	10.9	--	151	47	43	39
Jasper	38	--	12.1	--	146	47	42	39
M-press	38	--	12.1	--	140	48		
Norwest Tandem	38	--	11.9	--	140	49	43	
ARS-Castella	38	--	12.0	--	144	50	46	
Appleby CL+ (ORI2161250 CL+)	38	--	12.9	--	144			
M-idas	37	--	12.1	--	136			
Norwest Duet	37	--	11.8	--	147	45	43	
WB1783	35	--	13.6	--	140	47	41	
Dyna-Gro Impact	33	--	13.8	--	142	47		
WB1529	33	--	--	--	143	46	40	
YS-201	32	--	--	--	139			
Resilience CL+	31	--	11.3	--	148			
Stingray CL+	31	--	11.5	--	143			
UI Castle CL+	31	--	11.6	--	152	41	38	
VI Frost (UIL 09-15702A)	31	--	14.2	--	143	44	38	
UI Magic CL+	30	--	--	--	139	40	38	
WB1604	27	--	--	--	141	37	34	
<i>Experimental Lines</i>								
WA 8308	47	--	10.9	--	147			
11PN042#02	46	--	11.4	--	141			
LWW16-71088	43	--	10.9	--	141			
X61-1	43	--	13.4	--	142			
WA 8316	42	--	11.2	--	147			
LWW17-5815	42	--	11.5	--	142			
UIL 17-6451 CL+	41	--	13.2	--	139			
WA 8305 CL+	40	--	11.4	--	144			

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WA 8290	39	--	--	--	148	47		
11PN039#20	39	--	11.5	--	137			
LWWC18-5475 CL+	39	--	12.3	--	140			
<i>WA 8317</i>	38	--	11.9	--	145			
OR2130755	37	--	11.3	--	139			
<i>ARSX12015-68CBW</i>	36	--	10.0	--	152			
LWWC18-5477 CL+	36	--	11.3	--	146			
UIL 17-6834 CL+	31	--	14.8	--	145			
<i>OR5170022</i>	29	--	12.2	--	149			
C.V. %	10	--	7.1	--	--	10	10	9
LSD (0.05)	6	--	1.7	--	--	5	4	3
Average	38	--	11.9	--	144	47	43	39
Highest	47	--	14.8	--	152	54	48	42
Lowest	27	--	9.6	--	136	37	34	37

Agronomic Information

Planting Date:	9/25/2019
Harvest Date:	7/13/2020
Seeding Rate (seeds/ft ²):	13
Previous Crop:	No-till Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	140
P (ppm-bicarb) 2-ft sample	5
S (lb/ac) 2-ft sample	29
pH (top 6 inches)	6.7

Trial Notes:

1. The Horse Heaven nursery was located about 6.5 miles E/SE of Prosser, WA.
2. Overall yield was 30% lower than 2018 (no data published from 2019).
3. Trial was fertilized with a no-till drill at planting.

Cooperator: Devin Moon

* 2-year average from 2020 and 2018

** 3-year average from 2020, 2018, and 2017

*** 5-year average from 2020, 2018, 2017, 2016, and 2014