

2020 WSU Variety Testing Hard Red Spring Wheat Trial, Horse Heaven

Variety Name	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>Hard White Italicized</i>								
Released Varieties								
<i>Dayn</i>	35	62.0	14.3	21	154	26	28	
Alum	34	62.0	14.3	22	155	26	29	30
Ryan +Zn ²	33	61.0	11.8	21	150			
Chet	32	62.6	14.6	24	156	26	28	29
Ryan ²	32	60.6	12.1	21	151			
Net CL+	31	60.6	14.7	21	158	25	28	
SY 605 CL2	29	61.9	14.9	23	149	23	25	26
Kelse	29	61.1	14.9	19	156	24	27	29
SY Gunsight	28	61.3	14.2	21	155	22	26	28
<i>WB7202CLP</i>	27	62.3	14.0	20	151	23	26	
SY Selway	27	59.7	14.8	20	154	23	26	28
Glee	27	62.7	14.3	21	151	22	26	28
AP Renegade	24	61.5	14.3	22	155	21	26	
WB9668	24	61.0	17.2	19	151	19	23	25
WB9662	21	61.0	16.9	22	153	19	23	
CP3066 (CPX36619)	18	62.8	16.4	23	151	17		
WB9303	14	61.9	17.7	21	150			
Experimental Lines								
WA 8314	37	61.4	14.3	21	155	28		
10PN2018-12 CL2	36	61.4	13.7	24	158	28		
WA 8315	34	62.1	14.4	23	156	26		
<i>IDO1804S</i>	32	60.4	13.7	19	157			
LNR16-1485	32	60.4	14.0	20	159			
WA 8330	31	62.5	14.2	20	150			
LNR16-1223	31	60.4	13.0	21	160			
WA 8329	31	60.9	14.4	23	153			
IDO1805S	30	61.3	15.1	22	156			
WA 8302 CL+	28	62.8	14.3	21	150	23	26	
WA 8299 CL+	24	63.4	14.9	21	151	21	24	
IDO1701S	21	61.5	16.1	22	151			
WQL195 ¹	14	59.9	16.1	19	153			
C.V. %	10	1.1	3.4	10	0.5	9	10	10
LSD (0.05)	5	1.4	1.0	4	2	3	2	2
Average	28	61.5	14.7	21	154	23	26	28
Highest	37	63.4	17.7	24	160	28	29	30
Lowest	14	59.7	11.8	19	149	17	23	25

Agronomic Information

Planting Date:	3/10/2020
Harvest Date:	7/29/2020
Seeding Rate (seeds/ft ²):	15
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	168
P ₂ O ₅ (lb/ac) 1-ft sample	71
S (lb/ac) 2-ft sample	21
pH (top 6 inches)	7.28

Trial Notes:

1. The Horse Heaven nursery was located about 7 miles S of Benton City, WA.
2. Overall yield was 57% greater than 2019 and test weight was 1.9 lb/bu more.

Herbicide: Huskie and Tilt on 5/14

Cooperator Jason Wiley

¹ - Durum; ² - Soft white spring Zn treatment comparison