

2022 WSU Variety Testing Hard Red Spring Wheat Trial, Horse Heaven

Variety Name <i>Hard White Italicized</i>	2022					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)
Released Varieties								
CP3055	32	60.0	10.5	25	169			
CP3099A	32	60.4	10.8	28	168			
WB9623	31	62.8	11.8	28	165			
Net CL+	27	63.8	12.2	25	166	17	20	23
Hale (WA8315)	26	63.5	13.1	25	164	18	24	
Jefferson	26	62.8	11.7	24	164			
Chet	26	63.9	12.9	30	164	18	23	24
AP Renegade	24	62.9	13.9	20	164	16	18	22
Alum	24	63.8	12.4	23	165	17	22	24
Jefferson HF	24	62.4	12.1	22	163			
Glee	23	64.1	11.8	25	163	16	18	21
Kelse	23	63.7	12.4	29	165	17	20	23
CP3530	22	62.0	11.8	27	166			
WB9303	17	63.6	15.0	22	162	12	13	
WB9668	16	63.5	15.5	20	164	11	15	18
Experimental Lines								
CPX39120	31	59.2	11.1	27	169			
WA8389 CL+	28	64.1	11.7	26	165			
WA8388 CL+	26	63.8	11.7	25	164			
WA8358 CL+	26	63.7	12.5	26	164			
WA8330	23	64.1	12.3	24	163	15	19	
WA8387 CL+	23	64.1	12.0	24	164			
WA8355	22	64.0	11.2	24	165	17		
WA8356	22	63.5	12.1	23	163	16		
WA8357	22	64.6	14.2	25	164	14		
C.V.	9	0.7	4.0	6	0	15	16	13
LSD	5	1.0	1.1	3	2	3	3	2
Average	25	63.1	12.4	25	165	16	19	22
Highest	32	64.6	15.5	30	169	18	24	24
Lowest	16	59.2	10.5	20	162	11	13	18

Agronomic Information

Planting Date:	3/16/2022
Harvest Date:	8/11/2022
Seeding Rate (seeds/ft ²):	15
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	95
P ₂ O ₅ (lb/ac) 1-ft sample	41
S (lb/ac) 2-ft sample	14
pH (top 6 inches)	6.7

Trial Notes:

1. The nursery was located approximately 6 miles southwest of Benton City, WA.
2. The nursery was fertilized at a rate of 16N, 4P, 10K, 10S after spring soil sampling.
3. Overall yield was 213% greater and test weight was 2.0 lb/bu more than in 2021.

Cooperator: Chad Smith

Herbicides: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on June 3.