

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			
Hale (WA8315)	26	63.5	13.1	25	164			
Jefferson	26	62.8	11.7	24	164			
Chet	26	63.9	12.9	30	164			
AP Renegade	24	62.9	13.9	20	164			
Alum	24	63.8	12.4	23	165			
Jefferson HF	24	62.4	12.1	22	163			
Glee	23	64.1	11.8	25	163			
Kelse	23	63.7	12.4	29	165			
CP3530	22	62.0	11.8	27	166			
WB9303	17	63.6	15.0	22	162			
WB9668	16	63.5	15.5	20	164			
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			
WA8387 CL+	23	64.1	12.0	24	164			
WA8355	22	64.0	11.2	24	165			
WA8356	22	63.5	12.1	23	163			
WA8357	22	64.6	14.2	25	164			
C.V.	9	0.7	4.0	6	0			
LSD	5	1.0	1.1	3	2			
Average	25	63.1	12.4	25	165			
Highest	32	64.6	15.5	30	169			
Lowest	16	59.2	10.5	20	162			

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.