

2023 WSU Variety Testing Hard Red Spring Wheat Trial, Mayview

Variety Name	2023					2 Year	3 Year	4 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>								
CP3055	43	56.9	9.6	27	171	41		
CP3119A	40	55.5	9.5	29	171			
Hale	38	62.0	10.1	26	162	43	36	44
WB9623	35	61.5	10.5	25	164	42		
CP3322	35	60.9	9.3	27	170			
Net CL+	35	62.9	10.4	26	165	41	35	41
AP Renegade	34	60.9	11.8	24	168	43	37	44
Chet	32	62.3	10.3	29	163	36	31	39
Kelse	32	61.5	11.0	28	162	38	34	42
WB9668	32	62.1	12.9	22	162	41	35	40
Glee	31	61.6	11.1	25	163	41	34	42
Alum	30	62.0	10.5	26	164	36	32	39
CP3530	25	60.6	11.3	28	165	34		
WB9303	18	61.2	13.0	25	161	31	25	33
<i>Experimental Lines</i>								
MT1939	40	60.9	10.1	25	163			
MT1809	39	60.4	10.2	24	163			
WA8342R	38	61.5	10.7	24	165			
WA8387 CL+	36	62.5	10.9	27	162	42		
WA8412	35	61.7	11.3	26	161			
WA8358 CL+	34	62.9	10.6	25	163	39		
IDO2105S	34	61.7	10.5	24	162			
WA8356	30	61.3	11.0	24	162	37	33	
IDO2202 CL2+	27	61.0	10.4	24	162			
WA8411	25	61.0	11.7	26	160			
C.V.	8	0.3	2.9	5	0	12	11	10
LSD	4	0.2	0.4	2	1	5	3	3
Average	33	61.1	10.8	26	164	39	33	41
Highest	43	62.9	13.0	29	171	43	37	44
Lowest	18	55.5	9.3	22	160	31	25	33

Agronomic Information

Planting Date:	4/19/2023
Harvest Date:	8/29/2023
Seeding Rate (seeds/ac):	870,000
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	67
P ₂ O ₅ (lb/ac) 1-ft sample	162
S (lb/ac) 2-ft sample	21
pH (top 6 inches)	5.0

Trial Notes:

1. The nursery was located approximately 12.5 miles northeast of Pomeroy, WA.
2. The nursery was fertilized at seeding at a rate of 81N, 40P, 19K, 20S, and 15Cl. An additional 123N was applied on May 4, 2023.
3. Yield was 28% lower and test weight was 0.7 lb/bu more compared to 2022.

Cooperator: Randy & Wyatt Koller

Herbicides: Axial (15oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 23, 2023.