

2022 WSU Variety Testing Hard Red Spring Wheat Trial, Moses Lake

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	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
CP3099A	132	60.7	13.2	42	167	0			
Kelse	129	63.0	15.1	41	161	0	116	112	
AP Renegade	124	62.9	15.0	35	161	0	119	115	129
CP3530	122	61.3	14.2	41	163	10			
SY Gunsight	119	61.1	13.9	34	160	3			
CP3055	119	63.2	15.0	41	168	23			
WB9662	119	62.4	15.2	34	162	0	115	110	120
WB9623	117	59.3	15.3	39	164	57			
Buck Pronto	114	62.6	16.1	38	157	3	109		
AP Venom	114	60.3	14.3	36	164	0	113	116	
WB9668	114	62.2	15.6	34	159	0	112	109	120
Jefferson HF	110	61.6	14.6	39	160	30			
Glee	107	60.9	14.6	38	158	30	113	107	118
Alum	106	61.4	14.8	39	160	27	99	96	113
Jefferson	99	61.1	14.5	39	160	73			
Experimental Lines									
WA8373	130	63.1	13.8	36	158	0			
WA8342	128	62.2	14.1	36	159	0	126		
WA8372	123	62.9	14.5	36	158	0			
WA8374	122	62.3	14.4	34	160	0			
WA8376	116	62.4	14.2	34	160	0			
WA8356	116	61.1	15.2	38	159	23	119		
WA8359	115	61.4	14.0	35	161	0	121		
WA8375	115	61.5	14.2	34	158	0			
CPX39120	111	59.4	14.4	41	171	0			
C.V.	4	0.9	1.4	3	1	84	7	5	7
LSD	10	1.2	0.5	2	3	17	9	6	6
Average	117	61.7	14.6	37	161	12	115	109	120
Highest	132	63.2	16.1	42	171	73	126	116	129
Lowest	99	59.3	13.2	34	157	0	99	96	113

Agronomic Information

Planting Date:	3/11/2022
Harvest Date:	8/5/2022
Seeding Rate (seeds/ft ²):	25
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	181
P ₂ O ₅ (lb/ac) 1-ft sample	475
S (lb/ac) 2-ft sample	212
pH (top 6 inches)	5.4

Herbicides: Gold Sky, Affinity, and Wetcit were applied by the cooperator.
 Quilt Xcel, Starane, and Dimate were applied at flagleaf by the cooperator.
 Dimate was applied again at the end of June by the cooperator.

Trial Notes:

1. The nursery was located approximately 9 miles southeast of Moses Lake, WA.
2. The nursery was fertilized prior to seeding at a rate of 180N by the cooperator. An additional 100N was applied via fertigation.
3. Overall yield was 6% greater and test weight was 1.6 lb/bu more than in 2021.

Cooperator: James Getzinger