

2021 WSU Variety Testing Hard Red Spring Wheat Trial, Farmington

Variety Name <i>Hard White Italicized</i>	2021					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								
Net CL+	45	59.9	14.9	26	--	52	61	
Chet	42	60.1	15.8	30	--	52	62	64
Lanning	42	56.5	15.3	25	--			
Glee	42	59.1	14.4	26	--	56	66	68
WB9303	39	58.9	15.2	26	--			
SY Gunsight	39	59.1	14.8	23	--	49	60	62
Alum	38	58.6	14.9	23	--	48	61	62
Kelse	38	57.0	15.5	26	--	50	58	59
YSC-803	37	57.7	15.5	23	--			
AP Renegade	37	56.9	15.0	22	--	52	63	
WB9662	37	57.7	16.0	22	--	42	47	
WB9668	35	57.0	16.2	23	--	47	57	57
Experimental Lines								
WA8330	47	60.2	14.6	26	--			
WA8356	46	59.1	13.8	28	--			
WA8355	43	58.3	14.5	25	--			
WA8315	41	60.3	14.7	25	--	52		
WA8357	41	59.2	16.3	25	--			
CP3119A	38	51.8	15.1	22	--			
C.V.	7	1.3	2.7	8	--	7	7	8
LSD	5	1.3	0.7	3	--	4	4	3
Average	40	58.2	15.1	25	--	50	59	62
Highest	47	60.3	16.3	30	--	56	66	68
Lowest	35	51.8	13.8	22	--	42	47	57

Agronomic Information

Planting Date:	4/15/2021
Harvest Date:	8/19/2021
Seeding Rate (seeds/ft ²):	22.5
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	74
P ₂ O ₅ (lb/ac) 1-ft sample	167
S (lb/ac) 2-ft sample	12
pH (top 6 inches)	5.3

Trial Notes:

1. The Farmington nursery was located 3.5 miles S of Farmington, WA.
2. The nursery was fertilized prior to seeding at a rate of 95N, 20S. An additional 246N, 30P was applied after spring soil sampling.
3. Overall yield was 33% lower than 2019 (no 2020 data) and test weight was 0.2 lb/bu less.

Cooperator: Andrew Nelson

Herbicide: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 26, 2021.