

## 2021 WSU Variety Testing Hard Red Spring Wheat Trial, Fairfield

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)
<b>Released Varieties</b>								
Glee	40	58.1	13.1	27	--	64	57	62
Alum	38	59.6	12.9	24	--	63	58	61
Net CL+	37	58.0	13.4	25	--	57		
SY Gunsight	36	57.8	13.2	20	--	68	59	
WB9668	36	57.2	14.8	21	--	60	52	
AP Renegade	35	57.0	13.6	24	--	62		
YSC-803	35	57.2	14.2	25	--			
Kelse	34	57.3	13.6	26	--	57	52	57
Chet	33	59.1	14.1	28	--	49	47	53
WB9662	33	57.2	15.2	22	--	54		
Lanning	31	55.6	14.3	26	--			
WB9303	30	56.6	15.0	25	--	52		
<b>Experimental Lines</b>								
WA8315	43	60.2	13.2	27	--	71		
WA8356	42	58.5	12.6	26	--			
WA8330	42	59.3	13.1	25	--	68		
WA8355	41	59.1	12.9	27	--			
CP3119A	38	53.0	13.0	24	--			
WA8357	33	59.4	15.0	27	--			
C.V.	6	2.0	3.1	5	--	6	7	8
LSD	4	2.0	0.7	2	--	4	3	3
Average	37	57.8	13.7	25	--	60	54	58
Highest	43	60.2	15.2	28	--	71	59	62
Lowest	30	53.0	12.6	20	--	49	47	53

### Agronomic Information

Planting Date:	4/20/2021
Harvest Date:	8/19/2021
Seeding Rate (seeds/ft <sup>2</sup> ):	22.5
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	73
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	100
S (lb/ac) 2-ft sample	10
pH (top 6 inches)	5.5

### Trial Notes:

1. The Fairfield nursery was located 4.5 miles E of Fairfield, WA.
2. The nursery was fertilized prior to seeding at a rate of 63N, 17P, 14S. An additional 112N was applied after spring soil sampling.
3. Overall yield was 57% lower than 2020 and test weight was 4.0 lb/bu less.

**Cooperator: David Degon**

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