

2021 WSU Variety Testing Hard Red Spring Wheat Trial, Endicott

Variety Name <i>Hard White Italicized</i>	2021					2 Year	3 Year <sup>‡</sup>	5 Year <sup>§</sup>
	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>								
AP Renegade	21	57.3	14.0	23	158	50	52	
Alum	21	59.0	13.8	21	159	49	52	44
SY Gunsight	20	59.4	13.5	21	158	48	54	
Chet	19	60.4	13.6	22	158	45	47	41
YSC-803	19	58.8	14.9	22	154			
WB9662	19	60.0	14.5	20	156	43	45	
Glee	18	60.9	13.7	21	154	51	53	43
Lanning	17	58.7	15.1	23	155			
Net CL+	16	59.9	14.2	24	160	46	50	
Kelse	16	59.1	14.3	23	159	46	48	39
WB9668	16	60.1	15.5	20	158	41	42	34
WB9303	15	60.7	15.9	21	153	38		
<b>Experimental Lines</b>								
WA8315	23	59.0	14.7	21	156	51		
WA8355	22	59.3	13.8	21	159			
WA8330	21	60.7	13.9	22	153	51		
WA8356	20	60.0	13.9	22	153			
WA8357	18	60.7	15.5	23	154			
CP3119A	18	50.6	14.1	21	163			
C.V.	13	1.7	3.5	11	1	9	10	9
LSD	4	1.8	0.9	5	2	4	4	3
Average	19	59.1	14.4	22	157	47	49	41
Highest	23	60.9	15.9	24	163	51	54	44
Lowest	15	50.6	13.5	20	153	38	42	34

**Agronomic Information**

Planting Date:	3/17/2021
Harvest Date:	8/3/2021
Seeding Rate (seeds/ft <sup>2</sup> ):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	171
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	238
S (lb/ac) 2-ft sample	12
pH (top 6 inches)	5.8

Herbicide: No herbicides were applied on this trial.

**Trial Notes:**

1. The Endicott nursery was located 3 miles SW of Endicott, WA.
2. The nursery was fertilized prior to seeding by the cooperator. An additional 20S, 31N was applied after spring soil sampling
3. Overall yield was 75% lower than 2020. Trial was deficient in sulfur early in the season.

**Cooperator: Monte Miller**

<sup>‡</sup>3 Year data from 2021, 2020, and 2018

<sup>§</sup>5 Year data from 2021, 2020, 2018, 2017, 2015