

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

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>								
Chet	46	58.9	15.0	30	--	58	65	72
Net CL+	44	56.9	15.2	28	--	56	64	72
Glee	40	58.4	14.3	27	--	55	62	71
Alum	40	56.1	14.8	27	--	55	62	70
AP Renegade	39	55.9	14.5	26	--	54	65	74
SY Gunsight	38	56.2	14.6	23	--	53	62	71
YSC-803	37	56.6	15.6	24	--			
Kelse	37	56.6	15.7	29	--	48	56	63
WB9662	37	56.2	15.0	23	--	49	55	59
Lanning	36	52.7	14.9	26	--			
WB9668	35	55.9	16.2	22	--	48	55	60
WB9303	31	57.4	15.8	25	--	47		
<b>Experimental Lines</b>								
WA8315	46	58.3	14.7	29	--	62	71	
WA8355	44	57.8	14.1	27	--			
CP3119A	42	51.2	14.5	27	--			
WA8330	42	58.6	15.0	26	--	57		
WA8356	42	57.5	14.1	26	--			
WA8357	39	58.6	16.5	30	--			
C.V.	6	1.7	1.9	4	--	8	7	9
LSD	4	1.6	0.5	2	--	5	4	4
Average	40	56.7	15.0	26	--	54	62	68
Highest	46	58.9	16.5	30	--	62	71	74
Lowest	31	51.2	14.1	22	--	47	55	59

### Agronomic Information

Planting Date:	4/1/2021
Harvest Date:	8/14/2021
Seeding Rate (seeds/ft <sup>2</sup> ):	22.5
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	76
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	425
S (lb/ac) 2-ft sample	37
pH (top 6 inches)	5.2

Herbicide: Herbicides were applied by the cooperator

### Trial Notes:

1. The Palouse nursery was located 3 miles E of Colfax, WA.
2. The nursery was fertilized prior to seeding by the cooperator. An additional 228N was applied after spring soil sampling.
3. Overall yield was 40% lower than 2020 and test weight was 6.3 lb/bu less.

**Cooperator: David Lange**