

**2020 WSU Variety Testing Hard Red Spring Wheat Trial, Walla Walla**

Variety Name	2020					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)
<i>Hard White Italicized</i>								
<b>Released Varieties</b>								
Ryan +Zn <sup>2</sup>	90	58.7	12.4		153			
AP Renegade	83	61.4	14.4		158	80	80	
Chet	82	62.4	16.0		157	74	75	77
Alum	80	62.7	14.8		158	77	78	79
Glee	80	61.6	14.7		155	76	78	84
Ryan <sup>2</sup>	78	62.5	12.4		152			
Net CL+	76	59.4	15.0		161	75	78	
SY Selway	76	60.9	15.0		154	74	76	83
WB7202CLP	75	62.0	13.1		151	75	78	
WB9668	73	61.3	17.0		153	65	66	73
Kelse	73	59.5	15.5		157	71	74	74
SY 605 CL2	64	62.2	16.8		153	61	64	70
WB9303	63	61.4	16.8		149			
Dayn	32	53.5	16.3		166	51	59	72
WB9662	31	--	18.0		164	38	47	
SY Gunsight	28	53.8	17.0		165	43	51	
CP3066 (CPX36619)	23	--	17.2		158	40		
<b>Experimental Lines</b>								
WA 8329	92	60.0	15.3		155			
WA 8302 CL+	84	63.2	14.4		154	79	80	
WA 8315	83	63.2	15.4		156	82		
WA 8330	80	61.6	15.5		153			
10PN2018-12 CL2	77	61.6	15.1		161	72		
WA 8299 CL+	77	63.6	14.8		155	75	77	
WA 8314	75	61.2	15.6		158	75		
IDO1701S	61	61.9	16.4		155		67	
WQL195 <sup>1</sup>	42	58.3	15.2		156			
LNR16-1223	42	58.8	15.8		165			
LNR16-1485	39	53.9	16.2		165			
IDO1805S	14	--	17.3		--			
IDO1804S	13	--	17.4		--			
<b>C.V. %</b>	10	2.6	2.4		1.0	8	7	6
<b>LSD (0.05)</b>	10	3.1	0.7		3	6	4	3
<b>Average</b>	63	60.4	15.6		157	67	70	76
<b>Highest</b>	92	63.6	18.0		166	82	80	84
<b>Lowest</b>	13	53.5	12.4		149	38	47	70

**Agronomic Information**

Planting Date:	3/23/2020
Harvest Date:	8/13/2020
Seeding Rate (seeds/ft <sup>2</sup> ):	20
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	266
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	317
S (lb/ac) 2-ft sample	37
pH (top 6 inches)	5.25

Herbicide:

**Trial Notes:**

1. The Walla Walla nursery was located about 3 miles SW of Dixie, WA.
2. Overall yield was 6% lower than 2019 and test weight was 1.8 lb/bu less.
3. The trial had extreme Hessian fly damage causing all susceptible entries to yield extremely low.

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<sup>1</sup> - Durum; <sup>2</sup> - Soft white spring Zn treatment comparison