

2020 WSU Variety Testing Hard Red Spring Wheat Trial, Pullman

Variety Name <i>Hard White Italicized</i>	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)
Released Varieties								
Ryan ²	104	59.4	11.3	39	171			
Ryan +Zn ²	104	59.8	11.5	39	170			
WB9303	103	62.9	14.8	38	168			
<i>WB7202CLP</i>	99	60.3	13.4	33	169	82	84	
<i>Dayn</i>	99	60.3	13.7	41	171	86	89	
Glee	97	60.3	13.8	39	170	81	83	79
Net CL+	94	60.9	14.5	41	175	78	80	
SY Gunsight	94	60.4	13.9	35	174	76	80	79
AP Renegade	94	59.7	14.4	39	175	81	84	
Alum	93	60.4	14.6	40	175	79	79	78
WB9662	92	60.6	14.4	35	176	71	71	
WB9668	92	61.0	15.0	34	171	74	75	73
CP3066 (CPX36619)	91	60.1	13.9	34	172	73		
Chet	90	61.6	14.8	51	174	75	77	76
SY Selway	90	60.1	13.8	41	173	75	78	77
Kelse	90	59.5	15.4	40	174	75	75	70
SY 605 CL2	89	62.0	16.0	42	170	69	70	66
Experimental Lines								
WA 8329	105	60.5	13.3	38	172			
WA 8299 CL+	103	61.9	13.8	41	172	85	88	
WA 8330	100	60.2	14.5	36	171			
WA 8315	99	61.0	14.1	43	173	83		
WA 8302 CL+	94	61.3	13.7	39	171	81	84	
WA 8314	91	61.0	14.7	41	174	81		
IDO1805S	91	59.7	13.9	37	175			
LNR16-1223	87	58.0	13.8	43	178			
10PN2018-12 CL2	85	59.1	13.7	39	175	71		
LNR16-1485	85	56.5	14.7	43	177			
<i>IDO1804S</i>	84	57.6	14.6	42	175			
IDO1701S	81	61.5	14.8	36	171		78	
WQL195 ¹	74	58.7	14.7	34	171			
C.V. %	5	2.1	4.5	3	0.4	5	5	5
LSD (0.05)	7	2.6	1.3	3	1	5	4	3
Average	93	60.2	14.1	39	173	78	80	77
Highest	105	62.9	16.0	51	178	86	89	93
Lowest	74	56.5	11.3	33	168	69	70	66

Agronomic Information

Planting Date:	4/13/2020
Harvest Date:	8/21/2020
Seeding Rate (seeds/ft ²):	23
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	162
P ₂ O ₅ (lb/ac) 1-ft sample	417
S (lb/ac) 2-ft sample	28
pH (top 6 inches)	5.00

Herbicide: Huskie, Axial XL, Quilt Xcel on 5/27

Trial Notes:

1. The Pullman nursery was located about 2 miles SE of Pullman, WA.
2. Overall yield was 53% greater than 2019 and test weight was 1.1 lb/bu less.
3. The nursery was fertilized prior to seeding with 180N, 20P, 20S and topdressed with 150N on 5/13/20.

Cooperator Spillman Farm

¹ - Durum; ² - Soft white spring Zn treatment comparison