

2020 WSU Variety Testing Hard Red Spring Wheat Trial, St. John

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 +Zn ²	90	59.6	11.8	31	163			
Ryan ²	85	58.6	12.0	31	163			
Glee	84	60.8	14.2	34	164	76	75	66
<i>WB7202CLP</i>	80	60.1	13.4	28	163	80	81	
SY Gunsight	79	59.4	14.6	29	166	75	76	
AP Renegade	77	59.9	14.3	30	167	74	77	
<i>Dayn</i>	76	59.9	13.8	33	166	72	76	66
CP3066 (CPX36619)	75	60.2	14.3	27	163	72		
Kelse	74	59.9	15.3	33	166	72	72	62
WB9303	72	61.9	15.8	27	159			
WB9662	72	59.3	15.3	29	166	65	66	
Net CL+	71	57.6	14.8	34	172	72	74	
SY Selway	70	58.3	14.9	33	165	69	75	65
SY 605 CL2	70	60.9	16.3	34	164	66	66	57
WB9668	69	60.2	16.1	28	164	64	65	57
Alum	64	56.2	14.9	33	169	72	76	65
Chet	62	57.0	15.8	37	167	66	69	60
Experimental Lines								
WA 8299 CL+	82	61.6	14.4	33	165	74	75	
WA 8302 CL+	81	59.7	14.0	34	165	76	77	
WA 8330	78	59.7	14.5	28	164			
WA 8329	77	58.7	13.8	31	166			
IDO1805S	76	59.7	14.3	30	167			
WA 8314	74	56.2	15.1	34	167	73		
10PN2018-12 CL2	73	57.8	14.4	33	171	71		
<i>IDO1804S</i>	72	57.1	14.7	33	168			
WA 8315	72	58.8	14.6	34	166	70		
LNR16-1485	71	56.6	15.0	35	173			
LNR16-1223	70	57.2	14.3	34	175			
IDO1701S	69	61.1	14.9	30	164		68	
WQL195 ¹	60	58.6	14.7	28	165			
C.V. %	9	1.7	2.6	6	1	9	8	8
LSD (0.05)	10	2.0	0.8	4	2	7	6	4
Average	74	59.1	14.5	32	166	72	73	62
Highest	90	61.9	16.3	37	175	80	81	66
Lowest	60	56.2	11.8	27	159	64	65	57

Agronomic Information

Planting Date:	3/27/2020
Harvest Date:	8/12/2020
Seeding Rate (seeds/ft ²):	20
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	90
P ₂ O ₅ (lb/ac) 1-ft sample	113
S (lb/ac) 2-ft sample	15
pH (top 6 inches)	5.25

Trial Notes:

1. The St. John nursery was located about 3 miles E of St. John, WA.
2. Overall yield was 9% higher than 2019 and test weight was 1.6 lb/bu less.

Herbicide:

Cooperator R. Mills

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