

2021 WSU Variety Testing Hard Red Spring Wheat Trial, St. John

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)
Released Varieties								
Glee	29	60.9	14.1	27	159	57	60	64
Chet	27	61.6	14.9	31	162	44	53	60
Net CL+	26	61.9	15.6	29	162	48	57	
Alum	26	61.3	14.6	26	163	45	56	64
AP Renegade	25	59.1	14.0	25	163	51	58	
WB9662	24	60.4	15.6	22	165	48	51	
Kelse	24	60.5	15.3	30	162	49	56	61
SY Gunsight	23	60.2	14.1	23	163	51	58	64
WB9668	22	60.7	17.1	23	159	45	50	55
YSC-803	21	60.3	15.6	26	158			
Lanning	19	59.5	15.8	23	157			
WB9303	17	61.1	16.5	25	156	45		
Experimental Lines								
CP3119A	31	56.0	13.7	27	172			
WA8356	29	61.1	13.7	27	156			
WA8355	28	61.4	13.5	28	162			
WA8330	27	61.4	14.6	26	157	52		
WA8315	25	61.3	14.8	28	161	48	55	
WA8357	24	61.8	16.0	28	161			
C.V.	12	0.7	3.4	7	1	11	11	9
LSD	5	0.7	0.9	3	2	6	5	4
Average	25	60.6	15.0	26	161	49	55	61
Highest	31	61.9	17.1	31	172	57	60	64
Lowest	17	56.0	13.5	22	156	44	50	55

Agronomic Information

Planting Date:	4/6/2021
Harvest Date:	8/14/2021
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	263
P ₂ O ₅ (lb/ac) 1-ft sample	180
S (lb/ac) 2-ft sample	35
pH (top 6 inches)	5.5

Trial Notes:

1. The St. John nursery was located 3 miles SE of St. John, WA.
2. The nursery was fertilized prior to seeding by the cooperator. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 66% lower than 2020 and test weight was 1.5 lb/bu more.

Cooperator: Rod Mills

Herbicide: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 21, 2021.