

2021 WSU/OSU Variety Testing Clearfield Winter Wheat Trial, Eureka

Variety Name <i>Hard Red Winter</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								
LCS Blackjack	50	60.6	11.7	26	--			
SY Dayton	49	62.7	12.0	24	--			
Sockeye CL+ (WA8306 CL+)	49	62.7	11.8	31	--	43	52	
OR2X2 CL+	48	61.8	14.0	28	--	42	50	56
VI Voodoo CL+ (UIL 17-6268 CL+)	47	62.2	12.3	23	--	42	49	
Appleby CL+	45	62.4	13.1	25	--	38	47	
Piranha CL+ (WA8305 CL+)	45	63.4	12.1	28	--	42	50	
VI Presto CL+ (UIL 17-6451 CL+)	45	63.7	13.7	27	--	39	47	
Stingray CL+	45	62.3	13.2	25	--	37	47	56
Resilience CL+	41	63.6	13.7	26	--	36	44	54
Brawl CL Plus	39	65.5	13.9	25	--			
WB4623CLP	37	64.1	14.4	23	--	30	37	
SY Clearstone CL2	37	63.6	14.5	28	--	33	43	
UI Magic CL+	37	63.2	13.9	24	--	33	40	50
Experimental Lines								
ORI2190027 CL+	49	61.4	12.4	24	--			
UIL 17-7706 CL+	46	62.9	12.5	27	--			
ORI2190025 CL+	45	60.7	12.7	23	--			
09PN118-02 CL2	44	61.6	13.3	26	--			
C.V. %	6	0.5	2.0	5	--	6	6	8
LSD (0.05)	4	0.6	0.4	2	--	3	3	3
Average	44	62.7	13.1	26	--	38	46	54
Highest	50	65.5	14.5	31	--	43	52	56
Lowest	37	60.6	11.7	23	--	30	37	50

Agronomic Information

Planting Date:	10/8/2020
Harvest Date:	7/21/2021
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	133
P ₂ O ₅ (lb/ac) 1-ft sample	192
S (lb/ac) 2-ft sample	19
pH (top 6 inches)	5.3

Herbicide: Herbicides were applied by the cooperator

Trial Notes:

1. The Eureka nursery was located 1 mile SE of Eureka, WA.
2. The nursery was fertilized prior to seeding at a rate of 80N, 20S. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 37% lower than 2020 and test weight was 1.0 lb/bu less.

Cooperator: George Struthers