

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

Variety Name <i>Club 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								
LCS Shine	51	62.7	11.4	20	--	42	52	65
ARS-Crescent	49	62.1	12.3	26	--	43	53	60
LCS Blackjack	48	59.6	11.8	26	--	41	53	
Bobtail	48	59.8	11.7	25	--	40	51	64
Norwest Tandem	48	62.1	12.1	23	--	39	49	61
SY Dayton	48	62.9	11.9	24	--	40	49	60
M-idas	47	63.0	10.8	22	--	39		
PNW Hailey	47	64.3	12.0	27	--			
ARS-Castella	47	61.7	11.8	24	--	41	52	61
Norwest Duet	47	62.1	12.5	32	--	40	51	62
AP Iliad	47	61.2	12.1	25	--	39	51	
LCS Artdeco	46	60.4	11.5	22	--	38	51	59
Puma	46	62.7	13.1	28	--	39	49	59
LCS Drive	46	60.7	12.1	21	--	37	45	55
LCS Hulk	46	62.9	12.6	26	--	39	50	61
ARS-Selbu	46	64.0	12.7	27	--			
Mary	45	61.4	12.9	23	--	39	49	57
Nixon	45	62.1	12.8	28	--	37	45	57
M-press	45	62.0	12.1	26	--	38	48	
AP Dynamic	45	61.4	12.1	28	--	38		
AP Exceed (11PN039#20)	44	62.9	11.8	23	--			
Jasper	44	61.3	13.2	26	--	38	48	61
Rosalyn	44	60.6	11.3	26	--	39	50	62
SY Assure	43	62.9	13.2	22	--	34	46	54
Pritchett	42	63.8	12.1	30	--	37	48	
Purl	41	62.9	12.5	27	--	36	48	55
YSC-215	40	62.7	12.2	25	--			
Stephens	39	60.0	12.4	24	--	34	43	51
YSC-93	39	63.1	13.0	24	--			
WB1783	39	64.7	13.3	26	--	34	43	51
WB1529	37	64.6	13.6	23	--	33	45	55
WB1604	35	62.8	13.8	24	--	31	40	
Experimental Lines								
LWW17-8185	51	62.3	11.1	24	--	44		
WA8336	51	60.2	11.4	20	--			
WA8307	50	60.2	12.2	29	--	43	53.72	
LWW18-5078	49	62.4	12.3	26	--			
WA8335	48	61.0	11.6	24	--			
LWW17-5877	48	61.9	13.1	23	--			
OR5180071	47	61.2	12.0	27	--			
LWW18-5080	47	62.0	12.2	25	--			
ARS14DH1122-26	46	64.0	13.1	26	--			
ARS09X492-6CBW	45	61.7	13.0	26	--	39	49	
UIL 13-046145A	45	62.9	11.8	26	--			
LWW18-0587	45	61.6	12.2	27	--			
UIL 15-028024	45	64.7	11.8	28	--			

LWW17-5815	44	62.9	12.7	25	--			
OR2160264	43	61.6	12.8	25	--			
ARSX09500-17CBW	43	63.6	12.6	25	--			
OR2160243	43	62.9	12.5	22	--			
X61-1	43	62.1	13.2	29	--	38		
OR2170559	42	60.6	13.4	22	--			
ARSX500-14CBW	41	63.7	12.6	25	--			
LWW18-1171	41	59.9	11.5	25	--			
WA8337	41	63.5	11.7	23	--			
UIL 13-553051A	40	61.9	12.4	23	--			
OR2130755	39	61.7	13.4	24	--	34	47	
IDO2008	38	61.5	13.8	28	--			
IDO1708	38	60.8	12.5	25	--			
OR5170022	25	61.4	15.4	22	--	24		
C.V.	6	0.7	2.2	4	--	6	6	7
LSD	4	0.7	0.4	2	--	3	3	3
Average	44	62.1	12.4	25	--	38	49	58
Highest	51	64.7	15.4	32	--	45	61	65
Lowest	25	59.6	10.8	20	--	24	40	49

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 35% lower than 2020 and test weight was 1.3 lb/bu less.

Cooperator: George Struthers