

2022 OSU/WSU Variety Testing Soft White Winter Wheat Trial, Eureka

Variety Name <i>Club Italicized</i>	2022					2 Year Average (Bu/A)	3 Year Average (Bu/A)	5 Year Average (Bu/A)
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date			
Released Varieties								
AP Exceed	132	65.1	9.2	38	--			
TMC M-Press	127	63.9	9.2	36	--			
SY Dayton	125	64.0	8.9	37	--			
SY Assure	124	64.0	9.6	36	--			
Norwest Duet	123	63.4	9.5	42	--			
<i>Pritchett</i>	123	61.6	9.0	41	--			
<i>Castella</i>	121	64.7	9.4	40	--			
LCS Jefe (LWW17-8185)	121	63.3	8.6	35	--			
LCS Shine	121	63.2	8.9	33	--			
AP Iliad	119	63.6	9.7	39	--			
LCS Blackjack	119	61.6	9.4	36	--			
LCS Artdeco	119	62.4	8.7	35	--			
LCS Sonic	116	63.6	8.8	40	--			
TMC M-Pire (TMC2021SWW)	115	65.6	9.4	35	--			
LCS Drive	114	62.4	9.2	32	--			
Devote	113	64.5	10.6	38	--			
Rosalyn	113	61.4	8.7	36	--			
LCS Hulk	112	64.3	9.4	37	--			
AP Dynamic	111	62.7	9.3	38	--			
Bobtail	111	60.5	9.6	36	--			
VI Frost	110	64.3	9.7	38	--			
Otto	107	62.7	10.2	41	--			
<i>ARS-Crescent</i>	106	63.1	9.1	39	--			
Norwest Tandem	105	64.1	9.1	34	--			
WB1529	104	65.7	9.5	37	--			
Nixon	102	63.5	9.3	37	--			
Stephens	99	63.5	9.7	36	--			
YSC-215	90	63.2	8.0	38	--			
Experimental Lines								
LWW19-2232	127	63.3	9.0	42	--			
LWW19-6591	127	64.3	9.7	37	--			
WA8346 AX	123	63.8	9.1	41	--			
LWW19-5862	120	61.9	9.1	37	--			
WA8334	118	64.2	9.0	40	--			
UIL 16-072025	117	64.3	9.3	39	--			
UIL 15-423062A	117	62.5	9.2	39	--			
WA8307	117	63.1	9.1	39	--			
LWW19-6219	117	64.0	10.0	37	--			
LWW17-5877	116	64.7	10.0	36	--			
GS3	114	63.0	9.1	41	--			
<i>ARS12097-12C</i>	114	63.3	9.0	40	--			
OR2160264	112	63.5	9.5	36	--			
OR2130755	111	63.7	9.6	39	--			
WA8345 AX	111	64.1	9.2	39	--			
YSC-93	111	62.7	8.9	37	--			
<i>ARS141114-64C</i>	111	64.8	9.2	46	--			
WA8363	110	64.6	9.7	40	--			
LWW19-1576	110	62.7	9.3	34	--			
WA8348 AX	110	64.2	9.3	40	--			

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OR2180149	109	61.5	8.5	38	--			
WA8371	108	65.4	9.3	39	--			
WA8364	107	64.4	9.3	36	--			
OR2170559	107	62.8	9.9	35	--			
UIL 14-085001A	106	62.3	9.6	37	--			
WA8347 AX	104	64.8	9.3	41	--			
UIL 15-028024	104	64.3	9.0	37	--			
WA8365	102	63.6	8.9	35	--			
OR2180377	101	60.7	9.0	34	--			
OR2160243	101	63.3	9.5	37	--			
ARS13659-4C	100	63.7	9.6	49	--			
OR5180071	99	63.6	8.6	34	--			
C.V.	5	0.6	5.0	3	--			
LSD	10	0.8	1.0	2	--			
Average	113	63.5	9.3	38	--			
Highest	132	65.7	10.6	49	--			
Lowest	90	60.5	8.0	32	--			

Agronomic Information

Planting Date:	10/5/2021
Harvest Date:	8/11/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	212
P ₂ O ₅ (lb/ac) 1-ft sample	163
S (lb/ac) 2-ft sample	35
pH (top 6 inches)	5.2

Herbicides: Anthem Flex (3oz) was applied by the cooperator in the fall.

Propicon (4oz), Wildcard, and Huskie were applied by the cooperator in the spring.

Trial Notes:

1. The nursery was located approximately 1.5 miles northeast of Eureka, WA.
2. The nursery was fertilized prior to seeding at a rate of 80N, 15S, 15P, 1qt Zn by the cooperator. Tracite Stand (3gal) was applied by the cooperator in the spring.
3. Overall yield was 157% greater and test weight was 1.4 lb/bu more than 2021.

Cooperator: George Struthers