

2022 WSU Variety Testing Soft White Winter Wheat Trial, Lamont

Variety Name <i>Club Italicized</i>	2022						2 Year	3 Year	5 Year*
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
LCS Shine	132	61.0	10.0	37	160	12	118	108	
LCS Jefe (LWW17-8185)	122	61.9	9.5	41	163	9	117		
<i>Pritchett</i>	121	60.0	10.3	44	164	31	109	104	125
VI Voodoo CL+	119	61.2	10.0	37	161	0	102		
<i>ARS-Crescent</i>	118	61.5	10.1	44	162	0	105	101	115
AP Dynamic	118	61.3	10.5	43	165	0	107	102	
LCS Sonic	117	61.3	10.1	43	160	11	103	97	114
LCS Hulk	117	62.5	10.1	42	162	1	105	96	111
TMC M-Pire (TMC2021SWW)	117	63.0	9.8	38	159	0			
Norwest Tandem	116	61.7	10.1	38	160	0	110	99	
LCS Blackjack	116	60.4	10.3	38	160	3			
TMC M-Press	115	61.8	9.6	40	162	0	107	100	
Norwest Duet	113	61.6	9.4	46	163	3	106	101	118
WB1529	113	64.0	10.4	41	160	0	98	91	107
AP Exceed	112	62.2	10.3	42	159	5			
AP Iliad	111	61.7	10.8	42	160	2			
<i>Castella</i>	111	63.2	10.5	43	162	68	86	87	98
Piranha CL+	110	61.0	9.8	43	161	43	105	101	
Stingray CL+	110	61.0	10.4	40	160	7	108		
VI Frost	110	62.1	10.4	43	161	5	107	99	
Sockeye CL+	109	60.1	9.7	41	161	64			
VI Presto CL+	109	63.3	10.8	44	163	6	98	91	
Devote	108	63.2	9.6	41	166	0	98	92	
UI Magic CL+	102	61.6	11.0	39	161	3	97	90	100
Otto	102	60.4	10.1	45	158	16	91	91	111
YSC-215	102	61.1	9.6	44	162	6	98	93	
Appleby CL+	101	62.8	10.7	43	159	8	97	90	
Curiosity CL+	97	59.9	9.9	44	161	45	86	81	105
Mela CL+	95	59.7	10.3	44	165	59	82	82	100
Experimental Lines									
GS3	124	61.2	10.1	44	161	2			
LWW17-5877	124	62.1	10.5	39	159	2	117		
UIL 14-085001A	123	60.9	10.8	42	164	0			
LWW19-6219	121	62.2	10.4	41	161	0			
LWW19-2232	120	61.7	9.2	48	161	4			
UIL 15-028024	119	63.4	9.3	41	164	30			
LWW19-6591	117	62.6	9.7	40	161	0			
WA8334	115	62.2	9.8	42	162	14	108		
OR5180071	114	63.2	10.3	40	163	2			
OR2130755	114	62.4	10.2	44	160	0	107		
<i>ARS12097-12C</i>	114	61.3	9.6	44	165	27			
WA8346 AX	113	61.8	10.4	44	162	16			
09PN118-02 CL2	112	61.7	10.4	41	161	0	97		
YSC-93	111	61.0	9.6	40	160	53	104		
OR2190025 CL+	110	61.8	10.2	38	158	13	104		
WA8345 AX	110	62.4	10.4	43	161	8			
UIL 17-7706 CL+	110	61.7	10.5	39	162	23	104		
WA8363	109	63.7	11.0	43	162	21			
OR2190027 CL+	108	62.4	10.6	40	160	0			
WA8347 AX	106	63.0	10.5	45	161	30			
WA8365	106	62.3	9.9	38	165	5			
WA8364	103	62.9	10.1	39	164	6			
WA8348 AX	103	63.0	10.0	42	163	51			

2022 WSU Variety Testing Soft White Winter Wheat Trial, Lamont

Variety Name <i>Club Italicized</i>	2022						2 Year	3 Year	5 Year*
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
ARS13659-4C	88	61.9	10.8	48	165	77			
ARS141114-64C	80	62.9	11.0	48	163	74			
C.V.	7	1.0	5.1	3	1	94	8	8	11
LSD	16	1.3	1.1	3	4	32	6	7	9
Average	111	61.9	10.2	42	162	16	103	95	110
Highest	132	64.0	11.0	48	166	77	118	108	125
Lowest	80	59.7	9.2	37	158	0	82	81	98

*2018 and 2019 data not included in 5 year average.

Agronomic Information

Planting Date:	9/20/2021
Harvest Date:	8/5/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	277
P ₂ O ₅ (lb/ac) 1-ft sample	150
S (lb/ac) 2-ft sample	22
pH (top 6 inches)	5.5

Trial Notes:

1. The nursery was located approximately 4 miles west of Ewan, Wa.
2. The nursery was fertilized prior to seeding at a rate of 85N, 10P, 10K. An additional 41N was applied on November 8.
3. Overall yield was 13% greater and test weight was 2.5 lb/bu more than 2021.

Cooperator: Rod Mills

Herbicides: Zidua (4oz) was applied on October 18.

Powerflex (2oz), Huskie (13oz), Slant (4oz), and M90 (1qt/100gal) were applied by the cooperator.