WASHINGTON STATE UNIVERSITY EXTENSION

2022 WSU Variety Testing Soft White Winter Wheat Trial, Almira

Variety Name *Club Italicized*	2022 Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	2 Year Average (Bu/A)	3 Year Average (Bu/A)	5 Year Average (Bu/A)
Released Varieties								
LCS Jefe (LWW17-8185)	**124**	63.6	8.4	36	168			
Norwest Duet	**120**	62.7	9.1	45	171			
TMC M-Press	**115**	62.7	9.1	37	167			
Castella	**112**	63.7	9.4	41	169			
Piranha CL+	**111**	62.3	9.0	41	168			
AP Exceed	**108**	63.4	9.6	38	164			
LCS Shine	**107**	61.7	9.5	33	169			
LCS Sonic	**107**	62.5	9.5	36	168			
Devote	**106**	64.3	9.6	37	169			
YSC-215	**106**	63.0	8.6	34	169			
Sockeye CL+	**106**	61.8	10.0	40	168			
AP Dynamic	105	62.1	9.5	37	171			
Pritchett	105	61.4	9.5	37	171			
Norwest Tandem	103	62.7	9.7	34	165			
AP Iliad	102	63.0	9.8	37	164			
TMC M-Pire (TMC2021SWW)	102	63.6	10.8	33	166			
Curiosity CL+	101	63.1	9.5	40	172			
LCS Blackjack	101	61.2	9.9	35	169			
WB1529	98	64.5	9.9	36	166			
ARS-Crescent	96	61.9	10.2	36	173			
VI Frost	96	63.7	10.4	36	167			
Stingray CL+	95	62.1	11.2	35	169			
Otto	90	62.3	10.2	37	173			
LCS Hulk	89	63.1	10.6	34	170			
UI Magic CL+	88	63.5	10.6	34	167			
VI Voodoo CL+	86	63.1	10.7	29	167			
Mela CL+	83	63.4	10.6	33	172			
VI Presto CL+	83	63.8	10.8	39	170			
Appleby CL+	80	62.7	11.6	37	166			
Experimental Lines								
WA8334	**116**	63.6	9.3	38	171			
LWW17-5877	**113**	63.2	10.7	36	162			
LWW19-2232	**112**	62.0	9.1	43	169			
WA8345 AX	**106**	62.7	10.3	40	166			
LWW19-6219	104	63.4	10.6	36	168			
09PN118-02 CL2	104	62.5	11.3	36	169			
YSC-93	103	62.8	10.1	36	168			
GS3	102	62.6	10.5	39	169			
LWW19-6591	102	63.5	10.1	36	168			
WA8365	102	63.3	9.3	33	171			
UIL 15-028024	102	63.8	9.9	44	169			
WA8346 AX	101	63.2	10.34	37	168			
WA8348 AX	101	63.5	9.6	38	169			
UIL 17-7706 CL+	99	62.8	10.9	35	168			
ARS12097-12C	99	61.7	10.6	36	173			

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ARS141114-64C	97	64.1	10.0	48	171			
OR2190027 CL+	97	63.3	10.8	35	165			
OR2130755	96	62.9	10.6	39	168			
UIL 14-085001A	95	61.5	10.0	36	170			
ARS13659-4C	94	62.7	10.8	44	171			
OR2190025 CL+	94	62.7	10.8	34	167			
OR5180071	93	63.1	10.6	32	171			
WA8347 AX	92	63.9	10.6	40	168			
WA8364	90	63.1	10.6	35	171			
WA8363	89	62.9	10.6	38	169			
C.V.	9	0.7	6.0	5	1			
LSD	18	1.0	1.2	4	2			
Average	101	62.9	10.1	37	169			
Highest	124	64.5	11.6	48	173			
Lowest	80	61.2	8.4	29	162			

Agronomic Information

Planting Date:	9/9/2021
Harvest Date:	8/13/2022
Seeding Rate (seeds/ft^2):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	256
P_2O_5 (lb/ac) 1-ft sample	167
S (lb/ac) 2-ft sample	27
pH (top 6 inches)	4.9

Herbicides: Zidua (4oz) was applied on September 17.

Nexicor (13oz) was applied on June 17.

Trial Notes:

1. The nursery was located approximately 6.5 miles southeast of Grand Coulee, WA.

2. The nursery was fertilized at a rate of 40N after seeding by the cooperator. No additional fertilizer was applied after fall soil sampling.

3. Overall yield was 159% greater than 2021.

Cooperator: Dan & Mike McKay

1.82*2.2913*PPM