

2022 WSU Variety Testing Soft White Winter Wheat Trial, Almira

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	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties								
LCS Jefe (LWW17-8185)	124	63.6	8.4	36	168	75		
Norwest Duet	120	62.7	9.1	45	171	69	71	85
TMC M-Press	115	62.7	9.1	37	167	83	80	90
<i>Castella</i>	112	63.7	9.4	41	169	74	72	85
Piranha CL+	111	62.3	9.0	41	168	76	76	
AP Exceed	108	63.4	9.6	38	164			
LCS Shine	107	61.7	9.5	33	169	69	70	85
LCS Sonic	107	62.5	9.5	36	168	72	74	86
Devote	106	64.3	9.6	37	169	78	73	82
YSC-215	106	63.0	8.6	34	169	58	59	
Sockeye CL+	106	61.8	10.0	40	168			
AP Dynamic	105	62.1	9.5	37	171	80	79	
<i>Pritchett</i>	105	61.4	9.5	37	171	65	68	82
Norwest Tandem	103	62.7	9.7	34	165	76	72	84
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	66	67	82
LCS Blackjack	101	61.2	9.9	35	169			
WB1529	98	64.5	9.9	36	166	62	63	79
<i>ARS-Crescent</i>	96	61.9	10.2	36	173	67	68	84
VI Frost	96	63.7	10.4	36	167	71	70	84
Stingray CL+	95	62.1	11.2	35	169	71	72	
Otto	90	62.3	10.2	37	173	65	65	79
LCS Hulk	89	63.1	10.6	34	170	67	71	83
UI Magic CL+	88	63.5	10.6	34	167	61	63	77
VI Voodoo CL+	86	63.1	10.7	29	167	61		
Mela CL+	83	63.4	10.6	33	172	51	57	74
VI Presto CL+	83	63.8	10.8	39	170	66	68	
Appleby CL+	80	62.7	11.6	37	166	57	64	
Experimental Lines								
WA8334	116	63.6	9.3	38	171	75		
LWW17-5877	113	63.2	10.7	36	162	68		
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	71		
YSC-93	103	62.8	10.1	36	168	70		
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	62		
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	67		
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	65		
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	16	14	12
LSD	18	1.0	1.2	4	2	13	9	7
Average	101	62.9	10.1	37	169	68	69	83
Highest	124	64.5	11.6	48	173	83	80	90
Lowest	80	61.2	8.4	29	162	51	57	74

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 ₂ O 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