

2022 WSU Variety Testing Hard Red Winter Wheat Trial, Almira

Variety Name	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)
<i>Released Varieties</i>								
Scorpio	119	62.5	10.3	37	166	79	79	
Battle AX	115	64.4	12.2	39	163	77		
LCS Rocket	110	62.0	10.7	34	167			
Whistler	109	65.3	10.8	41	164	76		
LCS Jet	105	62.8	11.8	34	167	76	76	88
Keldin (1,050,000)	104	64.9	12.4	36	166			
WB4510CLP	102	66.4	11.4	40	166			
LCS Helix AX	101	65.4	11.4	38	163			
WB4394	100	64.7	11.6	42	166	71	72	
WB4303	99	63.7	11.8	36	161	68	67	82
Keldin (900,000)	98	64.8	11.8	36	167	76	76	87
Canvas	97	65.8	11.8	38	163	75		
Guardian	96	65.5	11.4	40	165	68		
WB4311	95	64.9	12.2	36	165	68	71	
Keldin (750,000)	85	64.7	12.7	37	166			
Keldin (500,000)	70	64.3	12.9	35	167			
<i>Experimental Lines</i>								
LWH19-5691	114	63.3	10.3	34	166			
LWH19-1103	113	64.2	10.6	37	167			
PN13001002-04	113	63.5	10.6	42	168			
WA8338	107	62.4	11.3	44	169	71		
LWH19-0192	106	63.4	10.9	34	167	76		
WA8310	104	63.7	10.4	40	167	76	80	
LWH19-5663	102	63.1	10.9	35	168			
YSC-1001	102	62.6	11.1	44	169	71		
WA8367	98	65.0	11.4	41	170			
LWH18-0122	97	62.8	11.9	32	164	68		
YSC-1002	94	64.2	11.6	39	162	66		
OR2170199R	90	62.0	11.5	32	169	69		
WA8318 CL+	87	63.5	10.5	47	171	66	68	
GHR10	84	64.4	13.5	41	161			
C.V.	8	0.5	4.5	4	1	13	13	10
LSD	18	0.7	1.0	3	2	NS	9	NS
Average	101	64.0	11.5	38	166	72	74	86
Highest	119	66.4	13.5	47	171	79	80	88
Lowest	70	62.0	10.3	32	161	66	67	82

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. An additional 42N was applied on November 10.
3. Overall yield was 135% greater than 2021.

Cooperator: Dan & Mike McKay