

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)
Released Varieties								
Scorpio	119	62.5	10.3	37	166			
Battle AX	115	64.4	12.2	39	163			
LCS Rocket	110	62.0	10.7	34	167			
Whistler	109	65.3	10.8	41	164			
LCS Jet	105	62.8	11.8	34	167			
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			
WB4303	99	63.7	11.8	36	161			
Keldin (900,000)	98	64.8	11.8	36	167			
Canvas	97	65.8	11.8	38	163			
Guardian	96	65.5	11.4	40	165			
WB4311	95	64.9	12.2	36	165			
Keldin (750,000)	85	64.7	12.7	37	166			
Keldin (500,000)	70	64.3	12.9	35	167			
Experimental Lines								
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			
LWH19-0192	106	63.4	10.9	34	167			
WA8310	104	63.7	10.4	40	167			
LWH19-5663	102	63.1	10.9	35	168			
YSC-1001	102	62.6	11.1	44	169			
WA8367	98	65.0	11.4	41	170			
LWH18-0122	97	62.8	11.9	32	164			
YSC-1002	94	64.2	11.6	39	162			
OR2170199R	90	62.0	11.5	32	169			
WA8318 CL+	87	63.5	10.5	47	171			
GHR10	84	64.4	13.5	41	161			
C.V.	8	0.5	4.5	4	1			
LSD	18	0.7	1.0	3	2			
Average	101	64.0	11.5	38	166			
Highest	119	66.4	13.5	47	171			
Lowest	70	62.0	10.3	32	161			

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