

2022 WSU Variety Testing Hard Red Winter Wheat Trial Summary

Precipitation Zone >16"

Variety Name <i>Hard White Italicized</i>	Dayton	Pullman	Walla Walla	Average	Dayton	Pullman	Walla Walla	Average	Dayton	Pullman	Walla Walla	Average
	Yield (Bu/A)				Test Wt (Lbs/Bu)				Protein (%)			
Released Varieties												
Kairos	111	130	121	132	60.9	61.3	61.3	61.7	12.5	12.7	11.2	12.2
Scorpio	119	133	132	131	59.5	60.7	60.5	60.9	11.5	12.6	11.3	11.2
LCS Rocket	108	140	126	130	58.1	59.2	60.4	59.3	11.9	12.1	11.1	11.7
LCS Jet	103	136	128	128	59.1	61.6	60.3	61.1	12.3	12.3	10.9	11.8
Keldin (900,000)	104	143	105	127	62.0	63.7	61.4	62.3	12.0	11.6	12.3	11.5
Keldin (1,200,000)	101	136	114	121	61.6	63.0	61.7	63.1	12.3	11.9	11.0	11.6
WB4303	110	121	129	119	59.8	59.1	61.8	60.0	12.0	12.0	10.9	11.9
Keldin (1,050,000)	99	139	127	118	61.4	63.5	60.8	62.7	12.6	11.9	11.3	11.9
WB4311	105	116	98	113	62.4	62.3	62.1	62.4	12.5	12.6	11.9	12.3
Battle AX	104	117	107	112	62.7	63.2	62.2	62.8	12.4	12.5	12.4	12.4
Canvas	97	111	109	111	62.0	63.2	62.6	63.1	12.5	11.8	12.3	11.6
LCS Helix AX	94	113	119	109	62.1	63.1	60.8	63.0	12.2	11.5	11.2	11.6
WB4394	99	142	116	102	59.9	63.8	62.8	59.7	12.7	11.9	11.1	12.5
WB4510CLP	96	126	104	97	63.1	64.7	64.0	63.1	11.8	11.6	10.5	11.7
Keldin (500,000)	91	144	--	--	60.9	63.4	--	--	13.2	12.1	--	--
Keldin (750,000)	100	139	--	--	61.6	63.6	--	--	12.4	11.8	--	--
Experimental Lines												
LWH19-0192	110	134	120	125	59.0	61.6	61.6	61.0	12.1	11.9	11.0	11.6
LWH19-1103	107	150	116	120	60.6	63.2	61.8	61.6	11.2	11.6	10.9	10.8
OR2170199R	95	129	104	115	57.4	59.7	59.9	58.8	12.3	11.8	11.6	11.9
WA8368	105	138	122	114	58.8	61.7	60.0	59.1	12.2	12.4	11.3	12.3
LWH18-0122	107	134	126	114	58.9	61.1	60.0	60.1	12.7	12.0	11.4	12.2
YSC-1002	96	90	97	112	61.0	61.1	61.4	61.8	12.6	13.2	12.8	12.0
WA8309	97	127	121	110	58.4	58.3	57.5	59.5	12.3	12.6	11.1	12.2
LWH19-5691	101	143	116	109	58.9	61.8	60.8	59.6	11.2	11.3	11.0	11.0
LWH19-5663	94	135	108	108	58.6	61.8	60.8	60.0	12.8	12.6	11.9	12.2
WA8369	84	136	128	102	57.3	61.5	60.4	57.9	13.2	12.2	10.8	13.0
PN13001002-04	92	117	126	100	59.8	61.1	61.2	59.8	11.6	12.1	10.8	11.7
WA8340	89	128	104	93	56.4	60.2	58.4	56.5	12.2	12.6	11.0	12.4
YSC-1001	82	108	104	91	57.8	61.2	61.9	58.2	13.2	12.9	11.1	13.1
GHR10	67	104	104	87	61.1	62.4	61.1	62.1	13.8	13.4	12.4	13.5
C.V. %	5	5	10	9	1.6	0.9	1.7	1.7	5.0	2.7	6.4	6.9
LSD (0.05)	10	15	22	10	2.1	1.2	2.1	1.0	1.4	0.7	1.4	0.8
Average	99	129	116	115	60.0	61.9	61.1	61.0	12.3	12.2	11.4	11.9
Highest	119	150	135	132	63.1	64.7	64.0	63.1	13.8	13.4	12.9	13.5
Lowest	67	90	97	87	56.4	58.3	57.5	56.5	11.2	11.3	10.5	10.8

*Some individual locations are analyzed using nearest neighbor analysis due to field variability. Multi-location average analyzed as an RCBD leading to different calculated averages.