

2022 WSU Variety Testing Hard Red Winter Wheat Trial Summary

Precipitation Zone = 12-16"

Variety Name <i>Hard White Italicized</i>	Almira	Anatone	Eureka	Lamont	Reardan	Average	Almira	Anatone	Eureka	Lamont	Reardan	Average	Almira	Anatone	Eureka	Lamont	Reardan	Average
	Yield (Bu/A)						Test Wt (Lbs/Bu)						Protein (%)					
Released Varieties																		
Scorpio	119	93	118	129	90	115	62.5	60.2	63.5	62.0	61.9	62.1	10.3	7.9	9.5	11.4	12.5	9.1
Whistler	109	93	108	95	94	107	65.3	62.6	65.4	61.8	65.0	64.5	10.8	7.4	8.8	11.6	12.6	9.2
Keldin (1,050,000)	104	85	110	110	93	105	64.9	62.7	65.9	63.8	64.2	64.1	12.4	7.6	9.3	11.0	12.8	10.9
LCS Rocket	110	95	108	120	83	102	62.0	59.9	62.1	60.6	60.7	61.1	10.7	7.4	9.5	11.0	12.3	9.9
WB4510CLP	102	77	115	92	71	101	66.4	63.9	66.9	64.0	65.6	65.7	11.4	7.0	9.7	10.9	13.1	10.9
WB4394	100	81	110	116	98	100	64.7	63.7	66.4	64.1	64.5	64.2	11.6	7.9	9.7	11.0	11.1	10.5
WB4303	99	89	104	118	93	96	63.7	61.2	63.6	60.6	63.0	63.2	11.8	8.4	9.0	11.9	12.9	10.8
Battle AX	115	86	97	91	84	93	64.4	61.5	64.3	62.4	64.5	63.4	12.2	8.2	9.4	12.4	13.5	11.1
LCS Jet	105	100	107	123	91	92	62.8	60.9	63.5	62.4	62.2	61.8	11.8	7.5	10.0	11.8	12.7	11.5
Canvas	97	85	109	104	90	90	65.8	62.7	65.8	64.0	64.8	65.1	11.8	8.4	9.8	11.7	12.3	11.4
WB4311	95	78	96	111	87	90	64.9	63.9	66.0	64.4	63.8	64.2	12.2	8.9	10.0	11.7	12.7	11.6
LCS Helix AX	101	78	103	86	92	90	65.4	62.9	65.8	62.9	64.7	65.0	11.4	8.4	9.2	11.9	12.6	11.0
Guardian	96	71	99	83	84	87	65.5	62.7	65.8	62.8	65.0	64.7	11.4	8.1	9.7	11.8	13.2	11.0
Keldin (900,000)	98	87	111	103	93	85	64.8	62.5	66.1	63.5	64.5	64.1	11.8	7.9	9.5	11.4	12.3	11.7
Keldin (750,000)	85	81	111	114	91	79	64.7	62.6	66.0	63.4	64.0	64.3	12.7	7.7	9.2	11.5	12.3	11.3
Keldin (500,000)	70	87	--	109	80	--	64.3	63.1	--	63.7	63.6	--	12.9	7.8	--	11.5	12.9	--
Experimental Lines																		
LWH19-5691	114	95	110	122	98	106	63.3	60.3	63.8	62.0	62.8	62.3	10.3	7.7	9.0	10.5	11.4	8.7
PN13001002-04	113	94	115	109	103	105	63.5	61.2	64.4	61.9	63.7	62.6	10.6	7.6	9.3	11.3	12.0	9.9
LWH19-1103	113	96	115	133	95	104	64.2	62.4	65.1	63.8	63.5	63.5	10.6	7.5	9.4	10.9	11.7	9.5
LWH19-5663	102	99	103	130	81	100	63.1	60.9	63.8	63.3	62.0	62.1	10.9	8.0	9.8	11.4	12.4	9.9
LWH19-0192	106	92	111	126	90	98	63.4	60.2	64.2	63.1	62.8	62.8	10.9	7.5	9.3	11.5	11.9	10.3
WA8367	98	88	105	107	101	96	65.0	64.3	66.2	65.1	64.3	64.1	11.4	8.3	10.0	12.7	11.5	10.9
YSC-1001	102	70	104	91	93	95	62.6	61.4	64.2	61.7	62.5	61.8	11.1	8.8	10.3	11.8	12.1	10.4
WA8338	107	94	110	106	88	93	62.4	60.6	63.1	62.0	62.2	61.5	11.3	8.0	9.1	12.1	12.4	10.4
WA8310	104	92	109	110	99	88	63.7	61.8	64.9	63.1	63.5	62.3	10.4	7.6	8.9	10.6	11.1	9.3
LWH18-0122	97	85	110	120	67	85	62.8	60.6	63.9	61.9	60.9	61.9	11.9	8.7	9.8	12.1	13.9	10.8
YSC-1002	94	68	88	72	80	84	64.2	61.6	64.3	61.1	62.5	63.4	11.6	8.7	9.4	12.4	12.7	10.6
GHR10	84	82	96	81	66	79	64.4	62.7	66.2	62.7	63.5	63.9	13.5	8.8	11.1	13.5	15.6	12.6
WA8318 CL+	87	65	93	67	77	78	63.5	61.7	62.7	62.2	62.7	62.6	10.5	7.8	9.7	11.7	12.0	10.3
OR2170199R	90	88	94	110	72	77	62.0	58.6	62.6	60.6	60.3	61.0	11.5	8.1	9.8	11.6	12.7	11.0
C.V.	8	7	5	6	8	8	0.5	0.7	0.3	0.7	0.7	0.7	4.5	4.5	3.9	2.5	5.1	6.0
LSD	18	14	9	15	14	5	0.7	1.0	0.5	0.9	1.0	0.3	1.0	0.7	0.8	0.6	1.4	0.5
Average	101	86	106	106	87	97	64.0	61.8	64.7	62.7	63.3	63.4	11.5	8.0	9.6	11.6	12.5	10.6
Highest	119	100	118	133	103	116	66.4	64.3	66.9	65.1	65.6	65.7	13.5	8.9	11.1	13.5	15.6	12.6
Lowest	70	65	88	67	66	77	62.0	58.6	60.9	60.6	60.3	61.0	10.3	7.0	8.8	10.5	11.1	8.7

*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.