

**2022 OREGON HARD WINTER WHEAT YIELD TRIALS**  
**Walla Walla (Conventional Tillage)**



Trial was conducted in collaboration with WSU and Northwest Grain Growers

Variety	Herbicide Resistance	Class	2022 Yield		2-Year		3-Year		4-Year		Best Estimate* Yield bu/ac
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	
OR2190064R		HRW	138	2							123 ± 18
WA8369		HRW	132	5							117 ± 18
GHR10		HRW	130	7							114 ± 18
LCS Jet		HRW	136	4	108	2	114	1	110	1	110 ± 9
LCS Rocket		HRW	126	9	104	5	113	2	110	2	110 ± 9
WA8309		HRW	124	11	101	8	111	3	109	3	109 ± 9
LWH18-0122		HRW	127	8	105	4					108 ± 12
LCS Helix AX	AX	HRW	123	12							108 ± 18
LCS Evina		HRW	118	18	96	15	108	7	107	4	107 ± 9
LWH19-0192		HRW	122	13	104	6					107 ± 12
PN13201002-04		HRW	131	6	104	7					107 ± 12
OR2170052H		HWW	119	15	99	11	110	4			106 ± 10
Guardian		HRW	137	3	106	3	110	5			106 ± 10
Keldin (1,050,000)		HRW	120	14							105 ± 18
Scorpio		HRW	100	33	98	13	107	10	103	5	103 ± 9
Millie		HWW	111	24	100	9	108	6	103	6	103 ± 9
LWH19-5691		HRW	118	16							103 ± 18
Irv		HWW	118	17	98	12	108	9	102	7	102 ± 9
WB4303		HRW	138	1	113	1	108	8	102	8	102 ± 9
LWH19-1103		HRW	117	21							101 ± 18
OR2160065H		HWW	117	19	97	14	104	11	101	9	101 ± 9
Keldin (1,200,000)		HRW	115	22							99 ± 18
WB4394		HRW	117	20	96	16	104	12	99	10	99 ± 9
Canvas		HRW	109	26	91	19	101	13			97 ± 10
WA8340		HRW	112	23							96 ± 18
Kairos		HRW	125	10	100	10	100	14			96 ± 10
OR2170199R		HRW	105	32	92	17					95 ± 12
WA8368		HRW	111	25							95 ± 18
Battle AX	AX	HRW	107	29	92	18					95 ± 12
YSC-1001		HRW	106	31	91	20					94 ± 12
LWH19-5663		HRW	109	27							93 ± 18
WB4510 CLP	CL+	HRW	108	28							92 ± 18
Snowmass 2.0		HWW	106	30							91 ± 18
Keldin		HRW	100	34	90	21	92	16	91	11	91 ± 9
WB4311		HRW	98	35	87	22	95	15	88	12	88 ± 9
YSC-1002		HRW	81	36	73	23					76 ± 12
		Average	117		98		106		102		101
		LSD (0.05)	20								
		CV (%)	12.3								

\*Best linear unbiased estimators (BLUEs) are best estimators of variety performance relative to other varieties, based on up to four years of data.

**2022 OREGON HARD WINTER WHEAT YIELD TRIALS**  
**Walla Walla (Conventional Tillage)**



Trial was conducted in collaboration with WSU and Northwest Grain Growers

Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %	Lodging %
OR2190064R	HRW		39.6	61.3	11.1	3
WA8369	HRW		37.7	60.3	11.0	7
GHR10	HRW		41.0	61.4	12.3	27
LCS Jet	HRW	A	39.3	60.7	10.6	0
LCS Rocket	HRW	A	37.3	60.8	10.8	0
WA8309	HRW		31.8	57.1	11.2	7
LWH18-0122	HRW		37.0	60.2	11.4	0
LCS Helix AX	HRW		41.3	60.9	11.4	30
LCS Evina	HRW	A	46.8	60.2	13.0	0
LWH19-0192	HRW		40.7	61.0	11.4	0
PN13201002-04	HRW		45.3	61.5	10.6	0
OR2170052H	HWW		37.6	59.6	11.9	33
Guardian	HRW		39.3	60.9	10.6	10
Keldin (1,050,000)	HRW	D	43.4	61.0	11.6	27
Scorpio	HRW	MD	36.4	60.5	11.7	0
Millie	HWW	MD	37.6	63.1	11.3	7
LWH19-5691	HRW		38.4	60.3	11.1	0
Irv	HWW	MD	40.8	61.4	11.3	0
WB4303	HRW		40.0	61.5	10.8	43
LWH19-1103	HRW		39.6	61.9	10.5	3
OR2160065H	HWW		41.7	61.0	11.9	27
Keldin (1,200,000)	HRW	D	39.7	61.0	11.2	62
WB4394	HRW	A	43.9	62.8	11.5	27
Canvas	HRW		38.3	62.7	12.6	33
WA8340	HRW		39.6	58.9	11.0	0
Kairos	HRW		34.8	61.8	11.4	13
OR2170199R	HRW		37.1	59.8	11.1	0
WA8368	HRW		38.3	60.0	11.3	3
Battle AX	HRW		41.0	62.7	12.3	20
YSC-1001	HRW		42.9	61.7	10.9	23
LWH19-5663	HRW		38.8	60.6	12.1	27
WB4510 CLP	HRW		41.3	63.6	11.0	30
Snowmass 2.0	HWW		40.8	61.5	11.8	33
Keldin	HRW	D	38.7	61.6	12.0	32
WB4311	HRW	D	38.7	62.1	11.9	27
YSC-1002	HRW		39.5	61.9	12.7	17
Average			39.6	61.1	11.4	16
LSD (0.05)			2.9	1.4	1.0	38
CV (%)			5.2	1.6	5.9	

\*Quality ratings assigned by the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A = Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



**2022 OREGON HARD WINTER WHEAT YIELD TRIALS  
Walla Walla (Conventional Tillage)**



Trial was conducted in collaboration with WSU and Northwest Grain Growers

Planting Date: 9-30-2021

Harvest Date: 8-16-2022

Site Location: 46.1158, -118.2209

Plot Length: ~12'

Plot Width: 5'

Trial Design: 3-Replicate Alpha Lattice