



2022 OREGON CLEARFIELD WINTER WHEAT YIELD TRIALS Eureka (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	
WB4510 CLP	CL+	HRW	112	4							89 ± 11
Piranha CL+	CL+	SWW	115	3	99	2	93	1			88 ± 6
Sockeye CL+	CL+	SWW	116	1	100	1	93	2			88 ± 6
LCS Blackjack		SWW	115	2	98	3					86 ± 8
VI Voodoo CL+	CL+	SWW	104	5	95	4	90	3			85 ± 6
ORI2190027 CL+	CL+	SWW	102	8	92	5					81 ± 8
UIL 17-7706 CL+	CL+	SWW	104	6	91	6					80 ± 8
OR2x2 CL+	CL+	SWW	98	12	90	8	85	4	79	1	79 ± 5
Curiosity CL+	CL+	SWW	99	9							78 ± 7
ORI2190025 CL+	CL+	SWW	98	11	89	9					77 ± 8
VI Presto CL+	CL+	SWW	98	13	88	10	82	5	77	2	77 ± 5
Stingray CL+	CL+	SWW	98	10	90	7	81	6	77	3	77 ± 5
09PN118-02 CL2	CL+	SWW	97	14	87	11					75 ± 8
Appleby CL+	CL+	SWW	103	7	83	12	77	7	74	4	74 ± 5
WA8318 CL+	CL+	SWW	93	16							70 ± 11
UI Magic CL+	CL+	SWW	84	18	82	13	76	8	70	5	70 ± 5
Mela CL+	CL+	SWW	89	17							66 ± 11
Brawl CL Plus	CL+	HRW	95	15	77	14	67	9	64	6	64 ± 5
		Average	101		90		83		73		78
		LSD (0.05)	6								
		CV (%)	4.5								

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



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Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %
WB4510 CLP	HRW		39.6	62.7	9.7
Piranha CL+	SWW	D	40.1	59.8	8.9
Sockeye CL+	SWW	MD	41.3	59.1	9.2
LCS Blackjack	SWW	D	35.3	57.8	9.3
VI Voodoo CL+	SWW	D	33.5	59.1	9.4
ORI2190027 CL+	SWW		36.1	60.3	10.2
UIL 17-7706 CL+	SWW		36.4	60.2	10.1
OR2x2 CL+	SWW	D	38.3	59.0	9.5
Curiosity CL+	SWW	A	41.5	59.3	9.0
ORI2190025 CL+	SWW		36.7	59.0	9.2
VI Presto CL+	SWW	D	38.8	61.2	9.7
Stingray CL+	SWW	D	37.0	59.3	9.5
09PN118-02 CL2	SWW		37.0	59.5	9.9
Appleby CL+	SWW	D	39.3	60.0	9.5
WA8318 CL+	SWW		43.1	60.9	9.7
UI Magic CL+	SWW	D	35.5	59.0	9.4
Mela CL+	SWW	A	41.1	59.1	9.5
Brawl CL Plus	HRW		38.9	62.4	11.0
	Average		38.3	59.9	9.6
	LSD (0.05)		1.5	0.4	0.5
	CV (%)		2.9	0.4	3.4

*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



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Planting Date: 10-5-2021

Harvest Date: 8-11-2022

Site Location: 46.3231, -118.5891

Row Spacing: 7.5"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice