



2021 OREGON CLEARFIELD WINTER WHEAT YIELD TRIALS Eurka (Conventional Tillage)



Trial was conducted in collaboration with WSU and Northwest Grain Growers.

Variety	Herbicide Resistance	Class	2021 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	
VI Voodoo CL+ (UIL17-6268 CL+)	CL+	SWW	46	6	63	1					73 ± 7
Piranha CL+ (WA8305 CL+)	CL+	SWW	43	12	62	2					72 ± 7
Sockeye CL+ (WA8306 CL+)	CL+	SWW	47	4	62	3					72 ± 7
ORI2190027 CL+	CL+	SWW	48	1							70 ± 9
LCS Blackjack		SWW	48	3							70 ± 9
SY Dayton		SWW	48	2							70 ± 5
UIL 17-7706 CL+	CL+	SWW	45	7							67 ± 9
ORI2190025 CL+	CL+	SWW	45	8							67 ± 9
VI Presto CL+ (UIL17-6451 CL+)	CL+	SWW	44	11	57	5	59	2			67 ± 5
OR2x2 CL+	CL+	SWW	46	5	62	4	61	1	67	1	67 ± 5
Stingray CL+	CL+	SWW	44	9	54	7	57	4	65	2	65 ± 5
Appleby CL+	CL+	SWW	44	10	55	6	58	3	65	3	65 ± 5
09PN118-02 CL2	CL+	SWW	42	13							65 ± 9
Resilience CL+	CL+	SWW	39	14	53	8	54	5	62	4	62 ± 5
UI Magic CL+	CL+	SWW	36	18	49	9	50	7	61	5	61 ± 5
SY Clearstone CL2	CL+	HRW	36	17	48	10	51	6	59	6	59 ± 5
WB4623 CLP	CL+	HRW	36	16	43	11	45	9	54	7	54 ± 5
Brawl CL Plus	CL+	HRW	38	15	43	12	46	8	51	8	51 ± 5
		Average	43		54		53		60		65
		LSD (0.05)	3								
		CV (%)	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 %
VI Voodoo CL+ (UIL17-6268 CL+)	SWW		23.3	62.2	12.3
Piranha CL+ (WA8305 CL+)	SWW	D	28.3	63.4	11.9
Sockeye CL+ (WA8306 CL+)	SWW	MD	30.7	62.7	11.7
ORI2190027 CL+	SWW		24.0	61.4	12.5
LCS Blackjack	SWW	D	25.7	60.4	11.6
SY Dayton	SWW	A	23.7	62.7	12.2
UIL 17-7706 CL+	SWW		27.0	62.9	12.5
ORI2190025 CL+	SWW		23.3	60.7	12.8
VI Presto CL+ (UIL17-6451 CL+)	SWW		26.7	63.8	13.6
OR2x2 CL+	SWW		28.3	61.8	14.1
Stingray CL+	SWW	D	25.3	62.3	13.3
Appleby CL+	SWW		25.3	62.5	13.1
09PN118-02 CL2	SWW		25.7	61.7	13.2
Resilience CL+	SWW	D	25.7	63.6	13.6
UI Magic CL+	SWW	D	24.0	63.2	14.0
SY Clearstone CL2	HRW	D	28.0	63.5	14.7
WB4623 CLP	HRW	A	23.0	64.1	14.3
Brawl CL Plus	HRW		25.3	65.5	14.1
	Average		25.7	62.7	13.1
	LSD		1.7	0.4	0.2
	CV (%)		5	0	1

*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: 10-8-2020

Harvest Date: 7-21-2021

Site Location: 46.2937, -118.5953

Fertility: 80-0-0-20S Prior to Planting

Planting Method: Conventional Drill

Row Spacing: 15"

Fungicides: 4 oz Tilt At Herbicide Timing

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice