

**2023 OREGON SOFT WINTER WHEAT YIELD TRIALS**  
**Eureka (Conventional Tillage)**



Trial was conducted in collaboration with WSU and Northwest Grain Growers

Variety	Herbicide Resistance	Class	2023 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	
Sockeye CL+ (WA8306 CL+)	CL+	SWW	33	1							70 ± 10
LCS Jefe		SWW	27	17	72	4	65	2	68	1	68 ± 5
CPX69217		SWW	30	2							68 ± 10
AP Exceed (11PN039#20)		SWW	26	19	77	1	65	1			68 ± 6
Norwest Duet		SWW	30	3	74	2	64	3	67	2	67 ± 5
Castella		Club	23	36	70	10	62	9	66	3	66 ± 5
LWW19-6219		SWW	29	7	71	6					66 ± 7
WA8334		SWW	28	8	71	7					65 ± 7
UIL 16-478001		SWW	28	9							65 ± 10
WA8395		SWW	28	10							65 ± 10
Jameson (WA8290)		SWW	28	11							65 ± 10
LCS Blackjack		SWW	24	29	70	9	62	7	65	4	65 ± 5
LCS Shine		SWW	22	41	70	11	63	5	65	5	65 ± 5
TMC M-Press		SWW	29	5	74	3	64	4	64	6	64 ± 5
WA8332		SWW	27	14							64 ± 10
GS Bounty (GS3)		SWW	29	6	70	12					64 ± 7
UIL 14-211120A		SWW	27	16							64 ± 10
ARS Crescent		Club	22	44	64	28	58	18	64	7	64 ± 5
AP Iliad		SWW	27	18	72	5	63	6	64	8	64 ± 5
LCS Artdeco		SWW	25	26	71	8	62	8	63	9	63 ± 5
TMC M-Pire		SWW	27	15	68	16					63 ± 7
LCS Kamiak (LWW17-5877)		SWW	24	28	68	19	61	10			63 ± 6
LWW19-5862		SWW	23	38	68	17					63 ± 7
WB1621		SWW	25	22							63 ± 10
Pritchett		Club	19	55	69	14	60	12	62	10	62 ± 5
LCS Hulk		SWW	27	12	68	18	60	13	62	11	62 ± 5
Cameo		Club	25	24							62 ± 6
Piranha CL+ (WA8305 CL+)	CL+	SWW	25	25							62 ± 10
WB1922		SWW	25	27							62 ± 10
Devote		SWW	24	30	67	20					62 ± 7
Rosalyn		SWW	23	33	66	24	58	17	61	12	61 ± 5
YSC-93		SWW	30	4	69	15	59	15			61 ± 6
ARS12X097-12C		Club	24	31	66	21					61 ± 7
AP Olympia		SWW	23	32							61 ± 10
Norwest Tandem		SWW	27	13	65	26	59	14	60	13	60 ± 5
UIL 17-995133B		SWW	23	35							60 ± 10
WA8364		SWW	26	21	66	25					60 ± 7
OR2160264		SWW	23	37	66	23	58	19			60 ± 6
WB1720		SWW	22	40							60 ± 10
LCS Drive		SWW	25	23	66	22	59	16	59	14	59 ± 5
SY Assure		SWW	21	46	70	13	60	11	59	15	59 ± 5
ARS09500-17CBW		Club	20	51							59 ± 7
YSC-217		SWW	21	45							58 ± 10
OR5180071		Club	26	20	61	32	56	20			58 ± 6
OR2170559		SWW	18	58	63	29	56	22			58 ± 6
OR5180072		Club	20	47							58 ± 10
LWW20-2383		SWW	20	48							58 ± 10
WA8394		SWW	20	49							57 ± 10
Nimbus (OR2130755)		SWW	22	43	65	27	56	21	57	16	57 ± 5
ARS15X1460-8CBW		Club	20	52							57 ± 10
VI Shock		SWW	20	54							57 ± 10
Nixon		SWW	20	50	60	33	54	23	57	17	57 ± 5
Otto		SWW	23	39	62	30					56 ± 7
LWW20-3371		SWW	19	56							56 ± 10
OR2180377		SWW	22	42	61	31					56 ± 7
OR2160243		SWW	23	34	59	34	53	24			55 ± 6
Stephens		SWW	20	53	58	35	52	25	54	18	54 ± 5
YS-215		SWW	18	57	50	37	46	26	50	19	50 ± 5
VI Frost		SWW	5	60	55	36					50 ± 7
VI Voodoo CL+ (UIL 17-6268)	CL+	SWW	12	59							49 ± 10
		Average	24		66		59		61		61
		LSD (0.05)	3								
		CV (%)	8.4								

\*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 %
Sockeye CL+ (WA8306 CL+)	SWW	MD	27.4	61.9	12.2
LCS Jefe	SWW	D	22.4	61.9	12.8
CPX69217	SWW		21.9	61.0	13.0
AP Exceed (11PN039#20)	SWW	MD	23.0	60.8	12.7
Norwest Duet	SWW	D	26.6	61.3	13.2
Castella	Club	MD	21.5	60.4	12.8
LWW19-6219	SWW		23.6	61.1	13.2
WA8334	SWW		24.7	63.5	11.8
UIL 16-478001	SWW		26.3	61.5	13.4
WA8395	SWW		25.6	61.7	12.3
Jameson (WA8290)	SWW	MD	27.3	61.9	12.5
LCS Blackjack	SWW	D	24.0	61.0	13.1
LCS Shine	SWW	MD	18.7	61.5	12.3
TMC M-Press	SWW	D	23.5	61.6	12.8
WA8332	SWW		24.9	61.1	13.4
GS Bounty (GS3)	SWW		27.3	61.2	13.7
UIL 14-211120A	SWW		23.7	60.3	13.1
ARS Crescent	Club	MD	21.6	61.8	12.9
AP Iliad	SWW	A	22.5	60.8	12.9
LCS Artdeco	SWW	A	21.6	60.5	12.8
TMC M-Pire	SWW		21.8	62.4	12.9
LCS Kamiak (LWW17-5877)	SWW		22.3	61.6	14.4
LWW19-5862	SWW		24.3	61.1	13.5
WB1621	SWW		23.6	63.8	12.7
Pritchett	Club	D	23.0	62.4	14.0
LCS Hulk	SWW	A	24.6	61.9	13.6
Cameo	Club	MD	23.1	60.6	13.4
Piranha CL+ (WA8305 CL+)	SWW	D	25.1	62.2	12.7
WB1922	SWW		25.0	62.7	14.4
Devote	SWW	D	23.3	63.4	12.7
Rosalyn	SWW	A	23.5	61.2	12.2
YSC-93	SWW		22.5	62.0	13.4
ARS12X097-12C	Club		21.6	62.0	13.1
AP Olympia	SWW		23.5	62.1	13.2
Norwest Tandem	SWW	A	21.1	61.2	12.9
UIL 17-995133B	SWW		24.4	62.6	13.7
WA8364	SWW		22.9	63.2	12.9
OR2160264	SWW		23.1	61.2	13.2
WB1720	SWW		21.5	61.4	14.4
LCS Drive	SWW	D	20.5	59.9	13.0
SY Assure	SWW	D	21.1	62.4	13.7
ARS09500-17CBW	Club		21.7	62.3	13.1
YSC-217	SWW		23.5	62.7	13.6
OR5180071	Club		21.8	62.9	12.8
OR2170559	SWW		21.7	60.4	15.3
OR5180072	Club		21.7	61.2	14.2
LWW20-2383	SWW		21.3	61.3	14.0
WA8394	SWW		23.5	62.1	12.4
Nimbus (OR2130755)	SWW	MD	23.1	61.1	13.7
ARS15X1460-8CBW	Club		19.6	60.0	13.6
VI Shock	SWW		24.1	61.5	13.4
Nixon	SWW	MD	23.7	61.2	13.7
Otto	SWW	D	25.3	61.9	13.4
LWW20-3371	SWW		17.8	62.3	13.8
OR2180377	SWW		22.6	61.2	12.3
OR2160243	SWW		22.6	62.0	12.8
Stephens	SWW	D	23.3	60.3	13.7
YS-215	SWW	MD	24.4	62.2	13.3
VI Frost	SWW	MD	22.9	60.3	17.7
VI Voodoo CL+ (UIL 17-6268)	SWW	D	21.0	61.7	15.0
Average			23.1	61.6	13.3
LSD (0.05)			1.2	0.5	0.3
CV (%)			3.8	0.5	1.9

\*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



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Planting Date: 10-14-2022

Harvest Date: 7-28-2023

Site Location: 46.2979, -118.6307

Fertility: 80-10-0-15S + 1 Qt Chelated Zinc Prior to Planting

Row Spacing: 7.5"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice