



**2020 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS
Hermiston (Irrigated)**



Site Description: Trial was unusually variable in 2020, due to patchy lodging.

Variety	Class	2020 Yield		2-Year Average		3-Year Average		4-Year Average		Best Estimate** Yield bu/ac
		Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	
UIL 17-6451 CL+	SWW	101	1	114	1					127 ± 14
UIL 17-6834 CL+	SWW	89	6							127 ± 20
Norwest Tandem*	SWW	91	4	110	2	119	1	123	1	123 ± 10
WA 8306 CL+	SWW	84	7							122 ± 20
LCS Artdeco*	SWW	90	5	108	4	118	2	122	2	122 ± 10
Bobtail*	SWW	79	10	103	7	115	4	121	3	121 ± 10
Magic CL+/Stingray CL+	Blend	83	8							121 ± 20
Stingray CL+	SWW	57	16	97	9	115	3	119	4	119 ± 10
SY Dayton*	SWW	92	3	109	3	114	5			119 ± 11
WB 1529*	SWW	93	2	105	5	110	6	116	5	116 ± 10
Appleby CL+	SWW	79	9	104	6	110	7			114 ± 11
LWWC18-5477 CL+	SWW	75	11							113 ± 20
UIL 17-6268 CL+	SWW	74	12							112 ± 20
WB 1376 CLP	SWW	51	18	87	12	103	10	109	6	109 ± 10
OR 2x2 CL+	SWW	65	14	88	11	103	9	109	7	109 ± 10
Magic CL+	SWW	70	13	97	8	104	8	105	8	105 ± 10
ORI2170011 CI+	SWW	63	15	90	10					104 ± 14
WA 8305 CL+	SWW	53	17							90 ± 20
	Average	77		101		111		115		115
	LSD (0.05)	24								
	CV (%)	23								

*Non-Clearfield checks.

**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 %	Lodging %
UIL 17-6451 CL+	SWW		41.8	61.0	12.2	41.8
UIL 17-6834 CL+	SWW		41.5	60.2	11.8	35.8
Norwest Tandem*	SWW	A	34.5	59.6	10.6	68.8
WA 8306 CL+	SWW		42.0	55.9	11.5	52.0
LCS Artdeco*	SWW	A	34.8	57.0	10.5	91.8
Bobtail*	SWW	MD	39.0	56.4	11.4	30.0
Magic CL+/Stingray CL+	Blend		38.5	58.1	11.2	22.0
Stingray CL+	SWW		40.3	56.6	12.6	15.0
SY Dayton*	SWW	D	38.3	57.7	11.0	50.0
WB 1529*	SWW	A	38.0	59.5	11.3	89.5
Appleby CL+	SWW		38.3	60.3	11.1	67.5
LWWC18-5477 CL+	SWW		39.5	57.0	11.5	53.5
UIL 17-6268 CL+	SWW		36.3	59.3	11.5	93.0
WB 1376 CLP	SWW	LD	41.8	60.3	12.4	32.5
OR 2x2 CL+	SWW		42.8	56.5	12.7	38.8
Magic CL+	SWW	D	34.8	57.9	10.5	42.5
ORI2170011 CI+	SWW		35.3	55.8	12.1	82.5
WA 8305 CL+	SWW		41.0	56.0	11.7	61.3
	Average		38.7	58.1	11.5	53.8
	LSD (0.05)		2.4	2.0	1.0	39.8
	CV (%)		4	3	6	

*Non-Clearfield checks.

**Quality rating based on data from 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: 9/30/2019

Harvest Date: 7/15/2020

Site location: 45.819283, -119.284616

Planting method: Conventional Drill

Row spacing: 7.5"

Fungicides: None