



2021 OREGON HARD SPRING WHEAT YIELD TRIALS
North Willamette (Irrigated)



Site Description: Varieties tillered less than normal due to a dry spring.

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	
IDO2004S		HWS	77	1							
IDO1804S		HWS	77	2							
Net CL+ (WA 8280 CL+)	CL+	HRS	77	3							
WA 8314		HRS	77	4							
IDO2105S		HRS	75	5							
UC1838		HRS	74	6							
MT1716		HRS	72	7							
Patwin-515HP		HWS	71	8							
WB7202 CLP	CL+	HWS	70	9							
WA 8299 CL+	CL+	HRS	70	10							
IDO2002S		HWS	69	11							
Kelse		HRS	68	12							
WB9662		HRS	67	13							
Glee		HRS	67	14							
WB9668		HRS	67	15							
Lanning		HRS	63	16							
UC-Central Red		HRS	60	17							
WB9303		HRS	58	18							
UC Amarillo		HWS	57	19							
Yecora Rojo-515		HRS	56	20							
		Average	69								
		LSD (0.05)	6								
		CV (%)	6								

*Best linear unbiased estimators (BLUEs) are only calculated when more than one year of data is available.



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Variety	Class	Quality*	Test Weight lbs/bu	Protein %
IDO2004S	HWS		63.4	13.3
IDO1804S	HWS		62.1	13.5
Net CL+ (WA 8280 CL+)	HRS	MD	64.5	14.3
WA 8314	HRS		63.8	14.6
IDO2105S	HRS		64.4	13.6
UC1838	HRS		63.4	14.6
MT1716	HRS		64.0	14.4
Patwin-515HP	HWS		62.5	14.0
WB7202 CLP	HWS		64.9	13.0
WA 8299 CL+	HRS		65.1	14.7
IDO2002S	HWS		63.7	13.6
Kelse	HRS	D	63.3	15.1
WB9662	HRS	LD	63.1	16.1
Glee	HRS	MD	64.5	14.2
WB9668	HRS	D	64.1	16.6
Lanning	HRS		62.8	16.1
UC-Central Red	HRS		63.7	14.5
WB9303	HRS		63.7	16.2
UC Amarillo	HWS		62.7	15.2
Yecora Rojo-515	HRS		62.4	14.1
	Average		63.6	14.6
	LSD (0.05)		0.6	0.4
	CV (%)		1	2

*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: 4-1-2021

Harvest Date: 8-13-2021

Site Location: 45.6135, -123.0638

Fertility: 70 lbs N Prior to Planting, 140-0-0 Topdress on 4-23-21

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: 4 oz/acre Topaz on 5-4-21, 11.8 oz/acre Trivapro on 6-10-21

Plot Length: ~15'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice