

2004 Oregon Spring Elite Yield Trial (OSEYT) - Preliminary Report - 2/25/2005

Variety	Grain Yield									
	Corvallis		Pendleton		Madras		Klamath Falls		4-site Mean	
	bu/a	rank	bu/a	rank	bu/a	rank	bu/a	rank	bu/a	rank
Nick	44.6	14	115.2	4	94.7	19	126.2	12	95.2	11
Challis	45.0	13	95.4	20	84.3	23	132.5	7	89.3	17
Alturas	65.8	1	108.5	12	131.7	2	131.3	8	109.3	2
Alpowa	61.8	3	115.2	3	96.6	18	135.8	3	102.4	5
IDO377S	32.4	21	111.1	7	107.0	15	126.2	11	94.2	13
Lolo	53.2	7	113.2	5	120.5	8	137.0	2	106.0	3
Winsome	34.6	20	88.9	25	115.1	9	129.7	10	92.1	15
Jerome	52.2	9	109.4	10	135.9	1	93.2	24	97.7	8
Jefferson	65.0	2	101.7	16	99.6	17	111.4	17	94.4	12
OR4870532	29.7	23	93.2	23	111.6	14	125.3	13	90.0	16
IDO592	15.5	25	108.9	11	130.9	3	134.0	5	97.3	9
IDO593	26.8	24	109.7	9	126.1	5	130.4	9	98.2	7
IDO597	39.1	18	108.5	12	114.9	10	132.7	6	98.8	6
IDO599	41.0	16	125.2	1	120.9	7	134.9	4	105.5	4
ML32-03	52.2	10	97.1	18	106.4	16	98.1	22	88.5	18
ML37-03	43.0	15	93.6	22	91.5	20	124.4	14	88.1	21
ML14-03	39.8	17	99.2	17	111.6	13	90.6	25	85.3	23
ML13-03	38.1	19	103.8	15	113.6	12	115.6	15	92.8	14
Macon	45.4	12	97.0	19	90.0	22	103.4	19	84.0	24
Louise (WA7921)	58.6	5	95.0	21	80.5	24	112.1	16	86.6	22
WA7925	50.1	11	90.6	24	78.5	25	110.0	18	82.3	25
WA7930	59.1	4	117.9	2	130.3	4	146.0	1	113.3	1
WA7931	52.4	8	110.6	8	122.7	6	102.0	20	96.9	10
OR4880189	31.1	22	107.6	14	114.3	11	100.2	21	88.3	20
OR4930230	54.3	6	112.0	6	91.3	21	95.8	23	88.4	19
Mean	44.9		104.8		108.7		119.2		94.4	
LSD (0.05)	19.9		7.4		22.3		18.6			
C.V.(%)	32.39		5.16		14.97		11.39			

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Variety	Test Weight	Heading			Maturity*	Height			Lodging	
	Pendleton	Corvallis from 1/1	Klamath Falls from 1/1	Madras (doy)	Pendleton 8-Jul	Corvallis cm	Klamath Falls cm	Madras in	Pendleton %	Madras %
Nick	61.5	142	183	171	ME	85.0	93.3	39	0	65
Challis	60.0	147	191	175	M	91.3	100.0	39	0	60
Alturas	60.9	146	194	175	M	86.0	93.3	40	0	27
Alpowa	61.2	-	196	176	M	94.7	100.0	41	0	40
IDO377S	62.9	146	187	171	M	90.0	96.7	37	0	45
Lolo	63.9	145	191	174	ML	88.7	103.3	39	0	17
Winsome	57.7	154	196	172	ML	83.3	90.0	36	0	12
Jerome	62.2	139	183	172	M	83.3	86.7	36	0	38
Jefferson	61.8	142	189	173	ME	91.7	100.0	38	0	5
OR4870532	60.6	147	194	171	L	82.3	93.3	38	0	22
IDO592	59.2	142	183	174	ML	85.0	86.7	39	40	2
IDO593	59.8	144	183	173	M	81.0	90.0	37	0	0
IDO597	59.5	143	189	173	ML	88.0	100.0	39	0	3
IDO599	62.5	142	185	171	ME	87.7	93.3	38	0	0
ML32-03	59.7	-	196	176	L	85.0	76.7	33	0	10
ML37-03	55.9	155	196	178	L	89.0	86.7	38	0	5
ML14-03	62.6	142	189	173	M	87.0	90.0	38	0	28
ML13-03	60.6	145	189	174	M	90.7	96.7	37	0	3
Macon	62.2	141	187	173	ME	82.7	90.0	39	40	70
Louise (WA7921)	61.6	150	189	174	ML	97.7	106.7	36	25	87
WA7925	62.5	144	189	173	ML	99.0	113.3	48	80	87
WA7930	63.2	144	189	175	ML	99.0	100.0	41	0	67
WA7931	62.3	153	189	175	L	97.7	100.0	41	0	23
OR4880189	61.6	146	189	174	ME	84.0	83.3	37	0	0
OR4930230	61.8	153	196	179	ML	99.0	93.3	41	0	10
Mean	61.1	146	190	174		89.3	94.5	39.0	-	31
LSD (0.05)		-	3.0	NS		4.5	6.7	1.9	-	36
C.V.(%)		-	1.14	NS		3.67	5.17	3	-	-

* Harvest maturity rating, early (E) to late (L).

- Missing plots.

NS: Not Significant

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Variety	Pedigree	Market class	Origin Developer	Stripe rust			Leaf rust
				Corvallis 25-May Rep I %, Rxn	Corvallis 25-May Rep II %, Rxn	Pendleton %, Rxn	Corvallis 24-Jun %, Rxn
Nick	Nick	SW	Westbred	70S	60S	20MS	*
Challis	Challis	SW	Westbred	80S	90S	90S	*
Alturas	Alturas	SW	U of I	5MR	10MR	10MR/MS	R
Alpowa	Alpowa	SW	WSU	40MS	40S	20MR	*
IDO377S	ID 377S	HW	U of I	40MS	30MS	R	40MS
Lolo	Lolo	HW	U of I	40MS	50S	5MR	*
Winsome	Winsome	HW	OSU	80S	80S	80S	*
Jerome	Jerome	HR	U of I	50S	70S	R	*
Jefferson	Jefferson	HR	U of I	50MS	60S	R	*
OR4870532	OSU CHECK	SW	OSU	80S	80S	80S	*
IDO592	WPB936/Klasic	HR	U of I	-	90S	20MR	*
IDO593	Red River/2*Klasic	HR	U of I	-	80S	10MR	*
IDO597	WPB936/Wilgoyne//Sunstar I	HW	U of I	80S	90S	5MR	*
IDO599	Pomerelle*2/Tui	SW	U of I	30MS	-	20MS	60S
ML32-03	MLSel 32-03	SW	Merrill Lewis	40MS	25MR	10MS	*
ML37-03	MLSel 37-03	SW	Merrill Lewis	60S	30MR	30MS/MR	20MR
ML14-03	MLSel 14-03	HW	Merrill Lewis	50MS	30MS	20MS	R
ML13-03	MLSel 13-03	HW	Merrill Lewis	70S	80S	Trace-MR	20MR
Macon	Macon	HW	WSU	90S	90S	60S	60S
Louise (WA7921)	WAKANZ/WAWAWAI	SW	WSU	30MS	40MR	R	*
WA7925	SPILLMAN/WPB906R//SUNSTAR II	HR	WSU	60S	60S	5MR	Trace
WA7930	H94209/ID00377S (HWN990067)	HW	WSU	40MR	30MS	R	*
WA7931	PI591045/3/TANAGER 'S'/TORIM 73//SPILLMAN	HW	WSU	60S	60S	R	60S
OR4880189	BJY'S/4/TZPP//IRN46/CNO67/3/PRT	HR	OSU	50S	-	5MR	*
OR4930230	CHILERO/WUH3	HW	OSU	40MS	25MR	R	R

* Unable to score leaf rust reaction due to other leaf diseases.

- Missing plots.