



2019 OREGON SOFT WINTER ELITE YIELD TRIALS
Eureka (Conventional Tillage)



Site Quality Index† = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial appeared to be relatively uniform.

Trial was conducted in collaboration with Washington State University and Northwest Grain Growers

Entry	Variety	Class	Quality [§]	2019 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
25	LWW16-71088	SWW		75.2	1				
16	LCS Artdeco	SWW	A	75.2	2	85.2	2	73.4	10
23	LWW15-71945	SWW		73.9	3	84.4	4		
22	LCS Shine (LWW14-72916)	SWW		73.0	4	84.9	3	80.3	1
70	WA 8307	SWW		72.9	5				
64	PNW Hailey	SWW		72.8	6				
57	11PN044#84	SWW		71.5	7				
30	SY Raptor	SWW		70.6	8	88.5	1	75.6	6
60	ARS-Crescent	Club	MD	70.2	9	82.5	12	69.3	16
36	OR2130755	SWW		70.2	10				
56	11PN042#64	SWW		70.0	11				
4	Rosalyn	SWW	A	69.4	12	84.1	5	77.4	3
6	Norwest Tandem	SWW	A	69.4	13	83.7	6	74.8	7
66	Puri (WA 8234)	SWW	A	69.3	14	80.9	16	67.3	21
59	ARS-Castella (ARS20060123-31C)	Club	MD	69.0	15	83.3	8	72.9	11
34	Dyna-Gro Impact	SWW		68.5	16	81.8	15		
33	M-Press	SWW		68.4	17	82.8	10		
58	ARS09X492-6CBW	Club		68.1	18				
5	Bobtail	SWW	MD	67.9	19	82.0	14	78.7	2
19	LCS Hulk	SWW	A	67.6	20	82.7	11	74.1	9
11	Pritchett	Club	D	67.2	21				
68	UIL 09-15702A	SWW		67.2	22				
77	Jasper	SWW		67.0	23	83.3	7	76.2	4
27	SY Assure	SWW	A	66.9	24	77.1	26	66.7	22
20	LCS Shark	SWW		66.8	25	77.4	24	71.3	13
71	Xerpha	SWW	LD	66.7	26	82.4	13	75.9	5
7	Norwest Duet	SWW	D	66.6	27	82.8	9	74.5	8
69	WA 8293	SWW		66.0	28	80.0	19		
2	Mary	SWW	D	65.8	29	78.5	22	68.7	17
21	LCS Ghost (LWW14-74143)	SWW		65.7	30	79.0	21	68.3	18
65	Puma	SWW	MD	65.3	31	80.4	17	70.9	14
29	SY Dayton	SWW	D	64.9	32	80.0	18	72.7	12
12	WB 1529	SWW	A	63.4	33	75.3	29	67.9	20
67	UI Sparrow (IDO1108DH)	SWW	D	63.1	34	79.6	20	68.1	19
8	VI Bulldog (IDN 07-28017B)	SWW		62.6	35	75.9	28		
32	06PN212-25	SWW		61.6	36				
28	SY Command	SWW	D	61.5	37	78.1	23	66.4	23
63	LWW15-71682	SWW		61.3	38				
1	Stephens	SWW	D	61.2	39	71.4	35	62.3	28
13	WB 1783	SWW	LD	60.8	40	71.8	34	62.9	27
24	LWW15-71898	SWW		60.6	41				
31	SY Candor (SY 09PN008#72)	SWW		60.5	42	71.0	36	63.4	26
76	Madsen	SWW		60.1	43	72.2	33		
35	Nixon (OR2121086)	SWW		60.0	44	77.2	25	69.5	15
62	IDO1810	SWW		59.8	45				
42	ORCF-101	SWW		59.4	46				
15	WB 1532	SWW		59.2	47	73.0	31		
38	OR2140233	SWW		58.5	48				
18	LCS Drive	SWW	D	58.2	49	76.6	27	66.4	24
14	WB 1604	SWW	A	58.0	50	69.1	37		
39	11-163-1C	SWW		56.7	51				
37	OR2140401	SWW		56.3	52				
10	ARS DH08X117-83C	Club		55.1	53	74.0	30		
17	LCS Biancor	SWW		55.0	54				
41	OR2150184	SWW		54.7	55				
40	OR2150169	SWW		54.5	56				
3	Kaseberg	SWW	MD	54.1	57				
26	SY Ovation	SWW	D	52.6	58	73.0	32	65.3	25
72	YS-201	SWW		52.2	59	66.2	38		
61	IDO1808	SWW		42.9	60				
	Site Average			63.9		78.7		70.8	
	LSD (0.05)			6.0					
	CV (%)			6.7					

†The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability found within the trial.

Site Quality Index Descriptions:

- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
- 2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
- 3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
- 4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.
- 5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

‡Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site.

* Indicates check variety.

§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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Entry	Variety	Class	Height	Test Weight	Protein
			in	lbs/bu	%
25	LWW16-71088	SWW	30.3	61.6	10.6
16	LCS Artdeco	SWW	29.7	61.4	10.7
23	LWW15-71945	SWW	30.7	60.9	11.5
22	LCS Shine (LWW14-72916)	SWW	26.3	60.1	10.6
70	WA 8307	SWW	34.0	62.3	11.3
64	PNW Hailey	SWW	32.7	63.7	11.8
57	11PN044#84	SWW	31.0	62.0	10.9
30	SY Raptor	SWW	31.0	61.2	11.2
60	ARS-Crescent	Club	32.0	62.5	10.8
36	OR2130755	SWW	35.3	62.3	12.0
56	11PN042#64	SWW	31.0	61.5	10.8
4	Rosalyn	SWW	31.7	62.0	10.6
6	Norwest Tandem	SWW	28.0	62.1	11.2
66	Purl (WA 8234)	SWW	32.0	63.0	11.0
59	ARS-Castella (ARS20060123-31C)	Club	32.0	63.3	10.5
34	Dyna-Gro Impact	SWW	30.7	63.1	11.7
33	M-Press	SWW	30.0	62.5	11.3
58	ARS09X492-6CBW	Club	31.3	60.6	12.1
5	Bobtail	SWW	31.3	60.6	11.0
19	LCS Hulk	SWW	31.7	63.2	11.7
11	Pritchett	Club	33.0	62.6	10.9
68	UIL 09-15702A	SWW	31.7	63.4	11.8
77	Jasper	SWW	33.0	61.6	11.5
27	SY Assure	SWW	29.3	62.5	11.6
20	LCS Shark	SWW	31.0	62.2	11.6
71	Xerpha	SWW	32.7	62.0	11.3
7	Norwest Duet	SWW	36.0	62.4	11.7
69	WA 8293	SWW	32.7	62.4	11.0
2	Mary	SWW	30.0	62.1	11.6
21	LCS Ghost (LWW14-74143)	SWW	30.7	61.3	10.3
65	Puma	SWW	35.7	62.6	11.7
29	SY Dayton	SWW	29.3	63.1	11.3
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32	06PN212-25	SWW	29.3	60.9	12.2
28	SY Command	SWW	30.5	61.2	10.7
63	LWW15-71682	SWW	28.7	63.5	11.4
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13	WB 1783	SWW	31.0	64.4	12.4
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31	SY Candor (SY 09PN008#72)	SWW	31.0	62.6	11.8
76	Madsen	SWW	33.0	61.5	12.1
35	Nixon (OR2121086)	SWW	33.0	62.2	12.1
62	IDO1810	SWW	32.3	62.8	11.3
42	ORCF-101	SWW	32.0	62.6	12.4
15	WB 1532	SWW	30.0	61.9	12.3
38	OR2140233	SWW	31.3	61.9	12.1
18	LCS Drive	SWW	25.7	60.6	11.5
14	WB 1604	SWW	29.7	61.9	11.7
39	11-163-1C	SWW	31.0	63.2	12.1
37	OR2140401	SWW	30.3	61.7	11.8
10	ARS DH08X117-83C	Club	30.7	64.0	11.7
17	LCS Biancor	SWW	27.0	62.4	11.4
41	OR2150184	SWW	31.3	63.5	12.7
40	OR2150169	SWW	31.0	63.3	12.5
3	Kaseberg	SWW	29.3	62.5	11.3
26	SY Ovation	SWW	29.3	63.0	11.7
72	YS-201	SWW	30.0	61.8	11.7
61	IDO1808	SWW	30.3	62.3	12.4
	Site Average		31.1	62.2	11.5
	LSD (0.05)		1.7	0.8	0.4
	CV (%)		4.0	1.0	2.2

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