



## 2018 OREGON SOFT WINTER ELITE YIELD TRIALS

### Hermiston (Irrigated)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Excessive lodging, fourth replicate discarded due to herbicide damage from adjacent potato field.

Plots were not treated with fungicide.

Entry	Variety	Class	Quality <sup>¶</sup>	2018 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
5	Rosalyn	SWW	A	147.1	1	148.8	1	151.9	1
37	M-Press	SWW		142.2	2				
19	LWW15-71945	SWW		139.0	3				
16	LCS Ghost (LWW14-74143)	SWW		134.2	4	141.3	2		
32	WA 8292	SWW		134.0	5				
12	LCS Artdeco	SWW	A	133.2	6	134.2	7	122.1	18
14	LCS Hulk (LWW14-73163)	SWW	A	133.1	7	125.6	16	131.4	8
13	LCS Drive (LWW12-7105)	SWW	D	132.2	8	136.2	3	139.2	4
34	ARS DH08X117-83C	Club		131.8	9				
1	Stephens*	SWW	D	131.7	10	126.7	13	127.3	12
22	WB 1604	SWW	A	130.3	11				
33	WA 8293	SWW		129.5	12				
29	SY Banks (09PN005#25)	SWW	LD	129.3	13	130.3	9	134.6	5
31	SY Candor (SY 09PN008#72)	SWW		129.1	14	135.8	4		
30	SY Raptor (09PN046#16)	SWW		127.5	15	129.3	11		
24	XB 1104 (EXP)	SWW		125.8	16				
28	SY Dayton (09PN062#18)	SWW	D	125.3	17	134.7	6	140.5	3
4	Kaseberg	SWW	MD	125.2	18	126.4	14	132.4	6
21	WB 1783	SWW	LD	123.2	19	128.4	12	130.8	9
2	Tubbs 06*	SWW	LD	122.7	20	117.1	25	115.1	19
6	Bobtail	SWW	MD	122.5	21	134.8	5	141.5	2
3	Mary	SWW	D	122.2	22	115.1	27	114.5	20
40	OR2130081	SWW		121.9	23				
17	LCS Shine (LWW14-72916)	SWW		121.0	24	129.3	10		
11	IDO 1708	SWW		119.2	25				
15	LCS Shark (LWW14-71195)	SWW	D	116.8	26	131.7	8	132.1	7
38	OR2121086	SWW		116.3	27	121.2	20	125.7	13
23	WB 1532	SWW		115.5	28				
25	SY Ovation	SWW	D	114.5	29	120.0	22	129.6	10
20	WB 1529	SWW	A	114.4	30	124.0	17	127.6	11
7	Norwest Tandem (LOR 334)	SWW	A	112.6	31	123.1	19		
10	IDO 1005	SWW		110.2	32				
35	ARS DH08X028-9C	Club		110.0	33				
26	SY Assure	SWW	A	109.9	34	123.4	18	125.5	14
18	LCS Sonic (LWW14-73161)	SWW		109.0	35	115.4	26		
39	OR2121285	SWW		108.9	36	120.7	21		
8	Norwest Duet (LOR 092)	SWW	D	108.1	37	125.6	15	123.1	17
9	IDN 07-28017B	SWW		106.0	38	119.4	23	124.0	16
27	SY Command (04PN066-7)	SWW	D	106.0	39	118.8	24	124.3	15
36	YS-201	SWW		100.6	40				
	Site Average			122.3		127.3		129.7	
	LSD (0.05)			16.5					
	CV (%)			9.6					

<sup>†</sup>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.

<sup>‡</sup>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.

<sup>¶</sup>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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Plots were not treated with fungicide.

Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %	Lodging %
5	Rosalyn	SWW	36.3	62.0	9.8	28.3
37	M-Press	SWW	35.3	63.9	10.5	6.7
19	LWW15-71945	SWW	36.0	62.2	10.5	3.3
16	LCS Ghost (LWW14-74143)	SWW	34.3	60.9	9.4	88.3
32	WA 8292	SWW	36.7	62.6	10.5	0.0
12	LCS Artdeco	SWW	33.3	62.0	9.1	0.0
14	LCS Hulk (LWW14-73163)	SWW	36.7	64.2	10.4	0.0
13	LCS Drive (LWW12-7105)	SWW	34.0	62.2	10.6	0.0
34	ARS DH08X117-83C	Club	40.3	63.7	10.2	50.0
1	Stephens*	SWW	39.7	63.3	11.2	26.7
22	WB 1604	SWW	37.0	63.8	10.5	0.0
33	WA 8293	SWW	38.3	61.9	10.3	30.0
29	SY Banks (09PN005#25)	SWW	37.0	62.4	10.2	0.0
31	SY Candor (SY 09PN008#72)	SWW	36.7	63.3	10.3	0.0
30	SY Raptor (09PN046#16)	SWW	34.7	63.0	10.9	10.0
24	XB 1104 (EXP)	SWW	33.7	64.0	10.5	0.0
28	SY Dayton (09PN062#18)	SWW	36.3	62.8	10.3	43.3
4	Kaseberg	SWW	36.0	62.2	9.6	46.7
21	WB 1783	SWW	39.7	65.0	11.4	0.0
2	Tubbs 06*	SWW	39.7	62.8	10.1	6.7
6	Bobtail	SWW	35.0	60.8	10.8	73.3
3	Mary	SWW	35.3	64.0	9.8	0.0
40	OR2130081	SWW	42.3	63.0	10.3	3.3
17	LCS Shine (LWW14-72916)	SWW	31.3	62.4	10.5	20.0
11	IDO 1708	SWW	36.3	62.1	9.3	33.3
15	LCS Shark (LWW14-71195)	SWW	36.3	61.8	11.6	0.0
38	OR2121086	SWW	37.0	63.5	12.0	0.0
23	WB 1532	SWW	36.3	63.0	11.1	33.3
25	SY Ovation	SWW	36.3	62.4	10.2	40.0
20	WB 1529	SWW	36.3	64.2	12.3	40.0
7	Norwest Tandem (LOR 334)	SWW	33.0	62.7	12.1	10.0
10	IDO 1005	SWW	37.7	63.2	11.0	16.7
35	ARS DH08X028-9C	Club	39.3	62.2	10.1	33.3
26	SY Assure	SWW	32.0	63.7	11.1	0.0
18	LCS Sonic (LWW14-73161)	SWW	37.3	62.6	12.1	53.3
39	OR2121285	SWW	34.7	63.1	12.6	0.0
8	Norwest Duet (LOR 092)	SWW	40.7	62.7	10.1	23.3
9	IDN 07-28017B	SWW	37.3	64.5	10.6	31.7
27	SY Command (04PN066-7)	SWW	36.0	62.1	11.1	6.7
36	YS-201	SWW	37.0	63.2	11.0	23.3
	Site Average		36.5	62.9	10.6	19.5
	LSD (0.05)		1.9	0.9	1.2	32.1
	CV (%)		3.7	1.1	8.2	116.7

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