



## 2018 OREGON SOFT WINTER ELITE YIELD TRIALS

### Madras (Irrigated)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial had some lodging, and appeared to have no major field effects

Plots were treated with 4 oz/acre Tilt at flag leaf.

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
30	SY Raptor (09PN046#16)	SWW		164.1	1	138.9	6		
12	LCS Artdeco	SWW	A	158.8	2	141.6	2	147.7	8
3	Mary	SWW	D	157.8	3	141.5	3	150.3	3
28	SY Dayton (09PN062#18)	SWW	D	154.9	4	149.1	1	161.1	1
19	LWW15-71945	SWW		149.6	5				
24	XB 1104 (EXP)	SWW		149.4	6				
13	LCS Drive (LWW12-7105)	SWW	D	146.2	7	136.6	8	144.4	11
7	Norwest Tandem (LOR 334)	SWW	A	145.1	8	128.4	17		
26	SY Assure	SWW	A	144.4	9	132.5	11	137.3	16
20	WB 1529	SWW	A	144.0	10	138.4	7	149.0	6
16	LCS Ghost (LWW14-74143)	SWW		141.9	11	140.6	5		
21	WB 1783	SWW	LD	141.2	12	123.8	22	139.5	14
6	Bobtail	SWW	MD	140.9	13	140.7	4	149.2	5
29	SY Banks (09PN005#25)	SWW	LD	140.2	14	130.4	13	148.9	7
17	LCS Shine (LWW14-72916)	SWW		140.1	15	128.7	16		
34	ARS DH08X117-83C	Club		140.0	16				
35	ARS DH08X028-9C	Club		139.4	17				
2	Tubbs 06*	SWW	LD	139.3	18	124.2	21	134.3	18
37	M-Press	SWW		139.2	19				
22	WB 1604	SWW	A	139.2	20				
9	IDN 07-28017B	SWW		139.1	21	129.5	14	139.1	15
5	Rosalyn	SWW	A	139.0	22	132.2	12	149.6	4
38	OR2121086	SWW		138.9	23	128.7	15	142.5	12
25	SY Ovation	SWW	D	136.1	24	124.8	20	144.9	10
14	LCS Huik (LWW14-73163)	SWW	A	136.0	25	135.5	9	150.3	2
1	Stephens*	SWW	D	135.6	26	121.1	24	132.7	19
31	SY Candor (SY 09PN008#72)	SWW		135.3	27	126.6	19		
40	OR2130081	SWW		135.2	28				
10	IDO 1005	SWW		133.7	29				
33	WA 8293	SWW		132.4	30				
23	WB 1532	SWW		132.2	31				
4	Kaseberg	SWW	MD	131.5	32	135.3	10	147.4	9
15	LCS Shark (LWW14-71195)	SWW	D	131.0	33	127.1	18	139.9	13
11	IDO 1708	SWW		130.1	34				
27	SY Command (04PN066-7)	SWW	D	128.6	35	122.6	23	135.7	17
39	OR2121285	SWW		125.8	36	117.0	25		
32	WA 8292	SWW		124.9	37				
36	YS-201	SWW		122.4	38				
18	LCS Sonic (LWW14-73161)	SWW		115.9	39	114.9	26		
8	Norwest Duet (LOR 092)	SWW	D	114.5	40	111.5	27	129.1	20
	Site Average			138.4		130.6		143.6	
	LSD (0.05)			17.5					
	CV (%)			9.0					

†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 unpubishable
- 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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Plots were treated with 4 oz/acre Tilt at flag leaf.

Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %
30	SY Raptor (09PN046#16)	SWW	36.8	61.8	10.1
12	LCS Artdeco	SWW	37.0	61.5	10.2
3	Mary	SWW	39.0	63.3	11.1
28	SY Dayton (09PN062#18)	SWW	38.0	62.1	10.7
19	LWW15-71945	SWW	37.8	59.3	11.7
24	XB 1104 (EXP)	SWW	36.8	63.7	11.3
13	LCS Drive (LWW12-7105)	SWW	32.8	60.8	10.9
7	Norwest Tandem (LOR 334)	SWW	34.8	62.3	10.3
26	SY Assure	SWW	35.5	63.5	11.4
20	WB 1529	SWW	37.8	63.1	11.4
16	LCS Ghost (LWW14-74143)	SWW	39.0	59.4	10.0
21	WB 1783	SWW	42.0	62.7	12.0
6	Bobtail	SWW	38.3	59.7	10.6
29	SY Banks (09PN005#25)	SWW	40.8	58.9	11.5
17	LCS Shine (LWW14-72916)	SWW	34.5	62.0	10.9
34	ARS DH08X117-83C	Club	41.0	63.0	12.0
35	ARS DH08X028-9C	Club	40.3	61.1	11.3
2	Tubbs 06*	SWW	44.3	60.7	10.7
37	M-Press	SWW	37.0	61.4	11.2
22	WB 1604	SWW	39.0	62.6	11.4
9	IDN 07-28017B	SWW	38.5	62.1	11.5
5	Rosalyn	SWW	40.5	60.3	10.5
38	OR2121086	SWW	41.8	60.3	11.5
25	SY Ovation	SWW	40.5	59.1	11.6
14	LCS Huik (LWW14-73163)	SWW	39.3	62.4	11.7
1	Stephens*	SWW	40.0	61.4	11.2
31	SY Candor (SY 09PN008#72)	SWW	42.5	61.7	11.9
40	OR2130081	SWW	43.0	60.7	11.2
10	IDO 1005	SWW	41.8	60.8	11.9
33	WA 8293	SWW	41.5	59.8	12.0
23	WB 1532	SWW	40.8	60.6	12.9
4	Kaseberg	SWW	38.5	59.5	10.4
15	LCS Shark (LWW14-71195)	SWW	37.3	61.2	11.2
11	IDO 1708	SWW	39.5	60.9	10.6
27	SY Command (04PN066-7)	SWW	39.0	57.7	11.7
39	OR2121285	SWW	37.3	58.7	12.6
32	WA 8292	SWW	41.5	60.4	12.2
36	YS-201	SWW	39.8	60.2	11.8
18	LCS Sonic (LWW14-73161)	SWW	41.3	59.6	12.0
8	Norwest Duet (LOR 092)	SWW	47.3	59.1	12.0
	Site Average		39.3	61.0	11.3
	LSD (0.05)		2.0	1.5	0.9
	CV (%)		3.7	1.8	5.5

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