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RK2329, SUMMARY OF AN OBSERVATION TRIAL CONCERNING THE 2011-12  
WESTERN REGIONAL WHITE WINTER WHEAT NURSERY OBSERVED NEAR  
HERMISTON AND FLORA OREGON

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This trial was planted in single 24 foot rows spaced at 18 inches on October 21, 2011 near Hermiston Oregon on a center pivot irrigated nutrient depleted Winchester sandy loam soil and near Flora, Oregon at a 4400 foot elevation where the soil is a shallow clay loam on September 16, 2011 in single short rows.

The previous crops at Hermiston were 2010; potatoes and in 2011 a non-fertilized cereal forage. We added 100 pounds of N2 via the pivot this year since there was as an obvious serious nitrogen deficiency within the trial area.

Yields ranged from 83.5 to 176 bushels per acre.

Most likely a lot of the yield variability is due to the root and lower culm diseases caused by fusaria and take all. There were no rusts in the plots or other noticeable foliar diseases.

At the Flora site the observations are mostly just plain survival observations since snow cover was for quite a long period. A 5 or a 6 notation means that the entry row was in fair shape. 4 and below means serious problems concerning survival.

Well I hope this is not as screwed-up as last years report which I just read. Apologies requested.

The regional hard winter wheat trials were a bust for me. I either rearranged the plot order when planting or harvesting or WOW! maybe both times.

Thanks for putting up with me. Its more fun being a little older.

Good luck to all: Mat.

*Mathias F Kolding*

ENTRY	NAME	YLDWW	DATE1	HT	BUWT	RATEFLO
1	Brundage 96	86.8	21 35	58.0		4
2	Chukar	103.7	27 37	58.5		3
3	Madsen	98.8	24 35	59.0		4
4	Stephens	95.2	20 36	59.0		5
5	03 PN 108 #20	89.7	20 36	59.0		6
6	03 PN 108 #21	105.7	20 36	60.0		5
7	03 PN 107 #3	131.5	20 36	59.0		5
8	P.-LH403h7001	113.3	20 36	59.0		6
9	OR 2070608	108.4	20 37	58.0		3
10	OR 2070870	105.0	20 37	59.0		3
11	OR 2071071	131.0	20 38	58.0		3
12	OR 2071628	115.3	19 38	58.0		3
13	OR 2071073	119.3	21 39	59.0		3
14	OR 2080641	112.7	20 36	59.0		5
15	OR 208047 P94	107.1	20 36	57.0		4
16	OR2071522	98.2	20 37	57.0		2
17	OR2080544	116.8	17 36	58.0		2
18	OR208926	112.0	18 37	57.0		2
19	JC101	92.1	18 37	60.0		2
20	JC104	112.9	17 37	59.0		2
21	JC105	97.9	19 39	60.0		6
22	JC 106	83.5	22 37	59.0		3
23	JC 107	84.9	20 40	58.0		3
24	ID 869	94.1	18 40	60.0		3
25	WA008116	146.8	23 37	60.0		2
26	WA008134	155.9	18 40	60.5		5
27	WA008135	95.3	21 40	59.0		3
28	WA008136	110.5	26 36	57.0		3
29	WA008137	120.2	26 40	60.0		6
30	WA008138	86.3	25 47	59.0		2
31	WA008153	126.5	21 44	59.0		6
32	WA008154	89.5	21 44	60.0		6
33	ARS010762-2C	103.7	26 42	55.5		5
34	ARS010780-3C	98.2	26 39	58.0		3
35	ARS010746-2C	125.6	26 39	59.0		3
36	ARS010704-1L	103.7	26 40	59.0		3
37	ARSA010780-1L	100.4	25 41	60.0		5
38	ARS010719-4L	109.8	18 38	59.0		4
39	ARS010769-6C	106.5	27 37	57.0		4
40	00-10701A	123.2	25 38	60.0		3
41	00-35401A	98.5	24 38	58.5		3
42	02-10606A	148.7	21 34	59.5		4
43	02-09506A	112.7	20 38	58.5		3
44	02-12304A	137.1	21 38	61.0		3
45	02-12901A	135.1	21 35	60.0		3
46	KW006	91.6	20 38	58.0		4
47	KWAW010	116.4	21 39	61.0		2
48	KW902	176.9	25 40	59.0		5
49	LWW 04 4009	121.2	23 38	59.0		0
50	KWLH-4040 S105	121.2	21 38	60.0		0