

## Small Grain Nursery Trial Tables

**Table 43. 1990 Uniform Regional Hard Red Spring Wheat Nursery, Dickinson.  
Cooperator: T.J. Conlon; Plot Area Harvested: 16 sq. ft.**

Entry No.	Entry	Bu/A Avg.	Test Wt lbs.	Heading Date	Height in.	1000 K.W. grams	Bushel per Acre		
							Rep 1	Rep 2	Rep 3
1	Marquis	24.5	58.5	04-Jul	34	25.4	27.1	21.5	24.9
2	Chris	31.7	57.0	01-Jul	32	23.9	28.2	31.5	35.5
3	Stoa	36.4	58.0	28-Jun	31	24.2	36.6	39.1	33.4
4	Era	30.6	56.5	02-Jul	32	22.8	35.4	25.2	31.1
5	Butte 86	34.7	59.0	21-Jun	32	26.2	44.0	31.2	28.9
6	SD 3014	34.1	58.5	29-Jun	33	25.2	42.5	27.6	32.2
7	SD 3036	36.4	59.0	22-Jun	32	26.2	42.1	30.6	36.6
8	SD 3052	40.2	56.5	22-Jun	32	23.5	52.5	29.9	38.3
9	SD 3053	40.6	58.0	22-Jun	31	22.3	53.2	35.9	32.8
10	SD 3055	37.3	58.0	22-Jun	32	29.0	53.9	32.0	26.1
11	SD 3056	40.4	58.0	23-Jun	33	28.9	56.5	33.8	30.9
12	MN 85324	35.8	58.0	27-Jun	31	26.8	47.8	34.3	25.4
13	MN 86383	36.0	59.0	26-Jun	31	28.8	38.7	37.4	31.8
14	MN 86165	38.8	59.0	29-Jun	28	25.0	43.2	33.2	40.0
15	MN 87106	37.1	58.0	27-Jun	29	23.6	45.8	35.6	29.9
16	MN 87150	34.4	57.0	28-Jun	27	24.0	41.4	28.3	33.5
17	ND 655	39.5	60.0	28-Jun	32	24.5	42.3	38.1	38.1
18	ND 656	39.9	59.5	28-Jun	35	27.4	49.4	34.9	35.3

19	ND 657	30.1	59.5	26-Jun	33	26.6	41.8	23.2	25.3
20	ND 659	38.6	57.0	27-Jun	32	26.2	45.8	30.4	39.4
21	ND 660	36.9	59.0	27-Jun	31	25.6	37.7	37.6	35.5
22	XW 371	33.5	58.5	27-Jun	28	26.7	37.0	30.3	33.3
23	MT 8402	35.1	57.5	27-Jun	28	25.6	34.9	39.0	31.5
24	MT 8651	32.8	59.0	28-Jun	28	24.4	35.3	27.3	36.0
25	N86-0370	32.0	58.0	30-Jun	26	21.0	33.2	40.7	22.0
26	N86-0903	32.3	60.0	27-Jun	27	24.9	39.1	28.7	28.9
27	N86-0542	38.5	58.0	29-Jun	27	25.1	44.8	44.1	26.5
28	N87-0002	35.2	56.0	23-Jun	27	26.5	44.2	32.7	28.6
29	DA 984-034	38.6	58.5	27-Jun	27	26.7	51.7	29.4	34.6
30	PH 984-045	32.0	52.0	30-Jun	27	24.3	32.2	36.6	27.3
31	BW 114	33.1	59.0	29-Jun	32	25.6	39.7	37.7	21.9
32	BW 120	27.2	57.5	29-Jun	34	26.5	23.6	30.1	27.8
Seeding Date: April 24; Harvest Date: July 25; LSD .05 = 9.6 Bu/A; C.V. = 16.7 %									

**Table 44. Uniform Regional Durum Nursery, Dickinson.  
Cooperator: T.J. Conlon; Plot Area Harvested: 16 sq. ft.**

Entry No.	Entry	Bu/A Avg.	Test Wt lbs.	Heading Date	Days to Head	Height in.	1000 K. grams	Bushels per Acre			
								Rep 1	Rep 2	Rep3	Rep 4
1	Mindum	31.9	60.0	01-Jul	68	33	33.7	23.6	37.5	39.2	27.2
2	Stoa	38.9	59.0	27-Jun	64	28	26.1	24.1	45.8	46.2	39.3
3	Ward	38.4	60.0	26-Jun	63	29	34.9	27.2	34.0	51.5	41.0
4	Rugby	37.2	60.5	27-Jun	64	32	33.1	34.2	32.6	44.8	37.3

5	Vic	36.4	61.0	27-Jun	64	31	38.0	33.3	46.6	35.0	30.7
6	Lloyd	34.4	56.0	30-Jun	67	24	31.5	32.8	37.0	37.8	30.2
7	Monroe	34.3	59.0	27-Jun	64	32	36.7	31.4	38.0	36.7	30.9
8	Renville	40.3	59.5	29-Jun	66	35	34.0	41.4	40.5	40.8	38.2
9	Medora	38.5	60.5	28-Jun	65	36	35.4	42.4	34.6	44.1	32.9
10	Sceptre	37.4	60.0	27-Jun	64	31	32.9	37.7	34.0	41.2	36.5
11	CA 885-3121A	34.4	59.5	02-Jul	69	25	33.3	33.1	34.3	41.3	29.1
12	D 8302	33.1	59.0	27-Jun	64	29	31.9	30.0	32.2	36.8	33.5
13	D 8460	38.4	58.8	27-Jun	64	30	30.9	31.7	41.0	49.2	31.8
14	D 8475	35.1	59.5	27-Jun	64	30	32.2	38.2	33.1	40.2	29.0
15	D 8479	36.6	57.5	28-Jun	65	30	31.6	35.9	33.6	46.5	30.4
16	D 86117	42.3	59.0	29-Jun	66	27	29.1	38.7	47.2	50.7	32.7
17	D 86398	40.2	59.5	29-Jun	66	32	35.5	39.9	39.9	44.7	36.3
18	D 86530	42.3	58.0	30-Jun	67	27	27.5	46.6	31.2	44.5	46.8
19	D 86560	41.8	59.0	27-Jun	64	28	32.8	42.2	35.1	46.2	43.7
20	D 86683	41.5	60.0	26-Jun	63	26	31.2	47.6	35.7	47.3	35.3
21	D 86686	41.8	59.5	26-Jun	63	26	32.2	51.2	34.0	44.8	37.2
22	D 86717	39.2	60.0	27-Jun	64	25	37.2	44.9	41.8	35.3	34.6
23	D 86725	40.2	61.0	27-Jun	64	26	35.6	45.4	43.5	32.4	39.6
24	D 86741	37.1	59.5	26-Jun	63	24	31.9	35.3	33.8	34.3	44.9
25	D 86743	39.3	58.0	23-Jun	60	24	31.4	42.0	36.8	36.7	41.8
26	D 86747	36.6	60.5	23-Jun	60	24	37.0	36.7	43.2	34.5	31.9

Seeding Date: April 24; Harvest Date: July 25; LSD .05 = 8.0 Bu/A; CV = 14.9%

**Table 45. Western Dryland Barley Nursery, Dickinson.  
Cooperator: T.J. Conlon; Plot Area Harvested: 16 sq. ft.**

Entry No.	Entry	Bu/A Avg.	Test Wt lbs.	Heading Date	Ht. cm	Plumpness %			Bushel per Acre		
						6/64	5.5/6	Pan	Rep 1	Rep 2	Rep 3
1	Munsing	63.4	48.0	27-Jun	27	38.1	47.9	14.1	62.3	62.1	65.8
2	Steptoe	61.8	44.5	22-Jun	25	39.9	47.9	12.3	61.9	61.2	62.5
3	Clark	73.1	52.0	24-Jun	28	68.4	28.6	3.0	71.1	71.0	77.4
4	Hector	69.8	49.0	27-Jun	28	45.1	47.9	7.0	71.0	69.3	69.0
5	ID 810099	66.6	47.0	30-Jun	23	18.8	54.0	27.2	56.2	71.0	72.5
6	Bowman	77.6	52.0	22-Jun	28	85.1	13.4	1.5	71.9	81.8	79.0
7	MT 140523	77.2	52.0	23-Jun	30	88.2	10.6	1.1	77.7	75.1	78.8
8	ID 71966	74.8	48.0	22-Jun	26	54.6	36.4	8.9	72.1	63.5	88.9
9	ND 9870	77.9	51.5	24-Jun	30	80.4	18.0	1.7	72.6	81.4	79.6
10	WA 102178	63.2	47.0	29-Jun	24	50.5	41.8	7.6	66.3	58.3	65.1
11	ID 82519	73.0	47.0	23-Jun	31	36.0	43.1	20.9	75.3	75.0	68.7
12	ID 85453	75.4	47.5	22-Jun	30	47.8	43.4	8.8	78.8	70.6	76.6
13	MT 851012	63.2	48.0	30-Jun	30	55.1	36.7	8.2	74.1	54.9	60.6
14	MT 851195	71.5	49.0	29-Jun	29	45.2	47.6	7.2	77.3	67.3	70.0
15	ND 9866	83.9	52.5	24-Jun	31	82.4	14.0	3.6	82.9	85.5	83.5
16	WA 136278	66.4	44.5	30-Jun	27	25.7	54.2	20.1	75.1	66.1	58.0
17	WA 944883	66.3	44.0	02-Jul	27	19.7	55.1	25.2	69.1	66.7	63.1
18	ID 852323	72.5	49.0	27-Jun	27	56.8	32.9	10.3	73.0	65.4	79.2
19	MT 860224	68.4	47.5	27-Jun	26	45.6	44.9	9.5	71.3	68.3	65.7

20	MT 860756	76.2	49.5	26-Jun	31	57.4	31.3	11.4	89.2	72.5	66.9
21	ND 10277	86.1	51.0	23-Jun	30	79.2	15.1	5.7	91.5	83.9	83.0
22	ND 10278	81.0	51.0	23-Jun	30	70.9	21.3	7.7	90.6	76.7	75.7
23	ND 10419	81.9	50.5	23-Jun	28	65.9	26.3	7.8	85.7	75.9	84.0
24	WA 112246	67.5	46.5	28-Jun	28	59.3	29.0	11.6	74.1	63.8	64.7
Seeding Date: April 24; Harvest Date: July 23; LSD .05 = 9.7 Bu/A; CV = 8.2 %											

**Table 46. 1990 Western Spring Barley Nursery, Dickinson.  
Cooperator: T.J. Conlon; Plot Area Harvested: 16 sq. ft.**

Entry No.	Entry	Bu/A Avg.	Test Wt lbs.	Heading Date	Height in.	Plumpness %			Bushel per Acre		
						6/64	5.5/64	Pan	Rep 1	Rep 2	Rep3
1	Trebi	54.7	43.0	29-Jun	28	16.1	44.7	38.7	60.0	60.7	43.6
2	Steptoe	72.2	45.5	27-Jun	27	42.1	36.4	21.0	70.2	60.4	86.0
3	Klages	68.2	43.5	28-Jun	28	20.9	47.1	32.0	57.7	70.8	76.0
4	Morex	62.7	46.0	30-Jun	29	27.6	48.1	24.3	66.4	57.0	64.6
5	ID 71966	62.7	45.5	26-Jun	26	32.7	34.9	32.1	63.6	55.8	68.8
6	WA 944883	65.4	44.5	04-Jul	25	15.7	54.2	29.8	61.4	57.4	77.3
7	BA 2601	58.5	44.5	30-Jun	25	7.1	40.5	52.3	63.6	53.1	58.8
8	ID 8540	74.0	47.0	26-Jun	28	40.5	42.8	16.6	66.6	68.3	87.2
9	MN 52	59.7	45.0	28-Jun	28	22.6	43.7	33.8	68.7	59.8	50.6
10	ND 9866	78.1	49.5	21-Jun	28	74.3	19.0	6.8	77.2	78.7	78.4
11	OR 1	57.7	44.0	05-Jul	24	17.2	51.3	31.3	56.2	56.1	60.8
12	PB 107	55.1	46.5	30-Jun	28	28.7	46.9	24.2	53.2	61.2	50.9
13	UT 502358	55.4	40.0	30-Jun	24	30.8	40.1	29.0	55.7	58.2	52.2

14	WA 9029	62.4	45.0	30-Jun	26	33.4	51.7	14.8	65.8	62.6	58.9
15	WP 584118	57.4	41.0	30-Jun	22	28.4	45.5	16.0	61.0	50.9	60.3
16	BA 854026	62.8	48.0	29-Jun	27	32.5	55.6	11.7	64.0	52.7	71.6
17	BA 865169	69.4	47.0	01-Jul	28	35.9	49.4	14.7	67.2	67.6	73.4
18	ID 842974	64.1	48.5	01-Jul	28	31.3	49.7	18.9	61.9	60.6	70.0
19	MT 851012	66.4	46.0	28-Jun	26	46.6	39.8	13.4	56.2	72.0	71.1
20	MT 851195	70.4	48.0	27-Jun	27	45.8	43.8	10.3	69.3	67.7	74.2
21	MT 860756	72.6	48.0	26-Jun	27	60.9	26.8	12.2	66.9	81.2	69.7
22	ND 10277	69.0	50.0	20-Jun	26	79.9	16.8	3.3	56.5	65.9	84.5
23	ND 10278	72.3	49.0	21-Jun	27	69.0	22.9	8.0	56.7	76.4	83.9
24	OR 006	64.1	43.5	29-Jun	24	23.0	40.2	36.7	59.9	61.8	70.7
25	OR 1209	57.6	42.0	29-Jun	21	5.7	54.8	39.6	51.7	60.4	60.7
26	OR 2	61.0	44.5	29-Jun	22	25.7	53.5	20.7	61.9	51.6	69.5
27	OR 3	62.3	43.0	27-Jun	22	11.1	56.3	32.5	65.1	52.3	69.4
28	UT 1378	63.0	44.5	22-Jun	26	24.3	44.3	31.3	61.7	65.1	62.2
29	UT 1705	74.4	43.5	22-Jun	27	43.6	43.4	13.0	69.4	74.0	79.7
30	WA 903584	68.8	44.5	29-Jun	26	24.3	56.4	19.3	65.7	70.7	70.0
Seeding Date: April 24; Harvest Date: July 23; LSD .05 = 11.7 Bu/A; CV = 11.0 %											

**Table 47. 1990 Advanced 2-row Barley Nursery, Dickinson.  
Cooperator: T.J. Conlon; Plot Area Harvested: 16 sq. ft.**

Entry No	Entry	Bu/A	Test Wt lbs.	Heading Date	Height in.	Bushels per Acre		
						Rep 1	Rep 2	Rep 3

1	Morex	60.4	49.0	23-Jun	31	77.2	54.3	49.7
2	Bearpaw	59.2	44.5	02-Jul	28	69.5	51.9	56.2
3	Bowman	73.7	52.0	20-Jun	29	82.3	61.9	76.9
4	Hazen	64.4	46.0	26-Jun	29	73.4	60.8	58.9
5	ND 10270	63.7	50.5	20-Jun	30	68.2	54.8	68.0
6	ND 10403	68.0	51.5	22-Jun	28	81.3	54.9	67.7
7	ND 11138	66.3	51.0	21-Jun	29	78.7	53.8	66.6
8	ND 11283	65.8	49.5	24-Jun	29	66.9	73.0	57.6
9	ND 11167	61.7	53.0	20-Jun	30	67.3	61.3	56.5
10	ND 11224	68.1	50.5	28-Jun	30	71.4	68.0	64.9
11	ND 11230	68.3	51.5	23-Jun	28	70.8	64.6	69.4
12	ND 11231	70.9	52.5	20-Jun	30	73.3	69.0	70.3
13	ND 11237	64.4	51.5	24-Jun	29	65.4	67.7	60.2
14	ND 11241	60.0	51.0	20-Jun	26	70.7	52.0	57.3
15	ND 11246	65.8	51.0	21-Jun	28	71.6	65.6	60.2
16	ND 11257	57.7	49.5	27-Jun	27	60.6	60.0	52.7
17	ND 11258	67.8	51.0	20-Jun	28	70.0	69.5	64.0
18	ND 11259	66.3	51.5	20-Jun	29	72.9	54.2	71.9
19	ND 11374	66.1	50.0	25-Jun	29	68.8	72.4	57.0
20	ND 11390	67.4	49.5	24-Jun	27	73.0	64.7	64.5
21	ND 11410	70.9	50.5	20-Jun	29	73.9	75.0	63.7
22	ND 11444	56.8	49.0	25-Jun	28	60.7	60.5	49.2
23	ND 11456	72.8	51.0	20-Jun	29	77.2	72.8	68.3
24	ND 11465	70.2	51.5	21-Jun	30	86.4	64.4	59.9

25	ND 11470	67.3	51.0	25-Jun	28	79.4	66.2	56.2
Seeding Date: April 24; Harvest Date: July 23; LSD .05 = 10.3 Bu/A								

**Table 48. 1990 Uniform Early Oat Performance Nursery, Dickinson**  
**Cooperator: T.J. Conlon; Plot Area Harvested: 16 sq. ft.**

Entry No.	Entry	Bushel per Acre			Bu/A Avg.	Test Wt lbs.	Height in.	Height cm.	Heading	
		Rep 1	Rep 2	Rep 3					Date	fr 1/1
1	Otee (ck)	91.0	61.1	62.7	71.6	36.0	30	77	26-Jun	176
2	IL 83-7641-1	100.5	77.5	77.2	85.1	36.0	30	75	26-Jun	176
3	IL 85-6183-1	75.9	64.7	61.6	67.4	35.0	24	62	26-Jun	176
4	IL 86-1973	107.9	76.3	103.0	95.7	35.0	29	73	23-Jun	173
5	IL 86-5773	95.1	85.4	88.5	89.7	36.5	29	73	23-Jun	173
6	IL 85-524-1	84.0	71.1	83.8	79.6	35.0	28	71	23-Jun	173
7	Don (ck)	90.6	66.7	62.4	73.3	35.0	27	69	22-Jun	172
8	IA X933-11-2	97.2	66.3	58.6	74.0	36.5	29	73	24-Jun	174
9	IA D826-922	85.3	61.2	58.0	68.2	35.0	28	70	20-Jun	170
10	IA Y949-9-2	100.0	72.6	95.8	89.5	36.0	30	75	24-Jun	174
11	IA D 920-51	93.6	80.5	84.3	86.1	35.0	31	78	23-Jun	173
12	P7971A1-15-3-6	89.6	78.3	80.0	82.6	36.0	28	72	24-Jun	174
13	P8646B1-X-11-4	92.6	77.1	75.4	81.7	33.5	26	65	24-Jun	174
14	Clintford (ck)	70.6	75.3	64.6	70.2	37.0	27	68	23-Jun	173
15	OH 1011	62.9	71.6	63.6	66.0	33.0	22	57	22-Jun	172
16	OH 1012	69.4	65.2	67.8	67.5	34.0	25	63	23-Jun	173

17	OH 1014	73.6	55.4	62.7	63.9	34.5	25	64	21-Jun	171
18	PA 8393-15050	47.6	44.4	69.9	54.0	36.0	24	60	21-Jun	171
19	PA 8598-8415	68.3	56.1	68.1	64.2	36.0	24	62	20-Jun	170
20	PA 8598-4200	58.3	57.9	60.9	59.0	35.5	22	55	21-Jun	171
21	PA 8598-11662	67.1	75.4	59.6	67.4	36.5	25	63	21-Jun	171
22	SD 86067	82.4	70.8	65.9	73.0	37.0	30	77	20-Jun	170
23	MN 87189	55.5	52.9	57.1	55.2	36.0	29	73	22-Jun	172
24	MN 87194	70.6	66.9	58.8	65.4	37.0	28	71	22-Jun	172
25	MN 86108	75.7	55.1	66.3	65.7	35.0	29	73	24-Jun	174
26	MN 86109	85.4	79.4	67.7	77.5	35.5	30	75	24-Jun	174
27	MN 87187	67.6	64.8	64.5	65.6	36.5	28	71	24-Jun	174
28	Andrew (ck)	69.4	71.9	60.3	67.2	35.5	31	80	20-Jun	170
29	MO 08054	70.5	68.7	62.6	67.3	32.0	29	73	27-Jun	177
30	MO 08139	76.1	61.8	70.0	69.3	31.5	30	75	26-Jun	176
31	MO 8368	66.8	70.2	66.2	67.7	34.0	27	69	20-Jun	170
32	MO 8382	78.3	72.7	66.7	72.5	34.0	29	74	26-Jun	176
33	Bates (ck)	69.4	75.7	69.7	71.6	34.5	28	70	23-Jun	173

Seeding Date: April 24; Harvest Date: July 24; LSD .05 = 12.9 Bu/A; CV = 11.0%

**Table 49. 1990 Uniform Midseason Oat Performance Nursery, Dickinson  
Cooperator: T.J. Conlon; Plot Area Harvested: 16 sq. ft.**

Entry No.	Entry	Bushel per Acre			Bu/A Avg.	Test W lbs.	Height in.	Height cm	Heading	
		Rep 1	Rep 2	Rep 3					Date	fr 1/1

1	IL 82-2154	76.6	84.7	82.2	81.2	33.0	30	75	26-Jun	176
2	IL 85-6264-1	70.7	83.4	81.5	78.5	34.0	27	69	29-Jun	179
3	IL 83-8518-1	62.6	65.6	62.6	63.6	34.5	26	67	26-Jun	176
4	IL 85-2069-1	54.9	71.1	68.2	64.7	34.0	28	72	20-Jun	170
5	IL 86-1919	72.0	66.7	75.4	71.4	34.5	28	70	22-Jun	172
6	Ogle (ck)	87.0	68.1	74.9	76.7	35.5	29	74	27-Jun	177
7	P76134C3-37-3-5-3-1-8	60.3	60.6	59.9	60.3	34.0	29	73	27-Jun	177
8	P76189RD4-18-2-4-5-10	61.9	63.0	66.6	63.8	35.0	27	69	22-Jun	172
9	P86104A1-1-6	71.6	71.4	64.8	69.3	32.5	31	78	28-Jun	178
10	IA B605X	60.6	61.9	73.1	65.2	36.0	28	72	20-Jun	170
11	IA D226X	61.8	60.2	65.1	62.4	35.0	27	69	20-Jun	170
12	White Ogle	69.1	72.1	73.2	71.5	33.5	28	71	27-Jun	177
13	PA 8393-11138	59.7	67.1	72.1	66.3	38.0	29	74	29-Jun	179
14	PA 8494-11717	40.8	39.0	71.2	50.4	36.0	25	63	22-Jun	172
15	PA 8393-1500	73.8	75.4	74.5	74.5	34.5	29	73	29-Jun	179
16	Clintland 64 (ck)	90.1	63.7	71.6	75.2	33.5	31	79	23-Jun	173
17	SD 840104	83.7	63.7	86.8	78.1	36.0	31	79	28-Jun	178
18	SD 85009	87.7	75.8	62.0	75.2	35.0	32	81	28-Jun	178
19	MN 86231	87.1	77.6	86.3	83.7	36.0	29	74	28-Jun	178
20	MN 86228	68.8	72.4	68.0	69.7	37.0	30	75	24-Jun	174
21	MN 88233	68.6	64.8	73.7	69.0	37.0	28	72	27-Jun	177
22	Gopher (ck)	71.7	76.3	86.5	78.2	34.0	31	79	27-Jun	177
23	OH 1006	78.1	67.1	82.4	75.9	32.5	28	72	27-Jun	177
24	OH 1023	71.1	59.2	71.3	67.2	32.5	24	61	21-Jun	171
25	OH 1022	79.5	71.0	93.0	81.2	34.5	26	66	28-Jun	178

26	OH 1007	62.7	51.3	76.9	63.7	34.5	27	68	23-Jun	173
27	ND 862585	75.1	65.5	88.1	76.2	36.0	30	76	29-Jun	179
28	ND 860416	70.0	73.6	69.3	71.0	36.5	30	77	29-Jun	179
29	ND 862106	72.3	51.3	70.1	64.5	36.0	31	80	28-Jun	178
30	ND 861246	87.1	81.4	87.0	85.1	36.5	32	82	27-Jun	177
31	ND 862415	65.9	75.9	85.7	75.8	36.0	33	83	28-Jun	178
32	Dal (ck)	68.0	76.0	71.8	71.9	34.5	29	74	28-Jun	178
33	WI X5229-1	74.2	72.5	73.0	73.2	31.5	29	74	28-Jun	178
34	WI X5445-4	60.4	65.5	72.8	66.2	32.5	28	72	30-Jun	180
35	WI 5560-1	71.8	71.7	79.8	74.4	33.5	30	75	28-Jun	178
36	WI X5560-2	65.4	74.5	72.6	70.8	33.5	29	73	28-Jun	178

Seeding Date: April 24; Harvest Date: July 24; LSD .05 = 11.7 Bu/A; CV = 10.1%