NCR-167 Uniform 100-300 Maturity Trials - 2001

Trials were conducted at five locations (Elora, Ontario; Ottawa, Ontario; Cortland, NY; Watertown, SD; Fargo, ND) in 2001 from modified single-cross seed produced in 2000. Two related-line testers were used: LH176 x LH177 and LH300 x LH301. Table 1 contains the combined results from the five locations. Individual location results for grain yield (bu/ac), % moisture, % stalk lodging, and performance index (bu/ac / % moisture) are reported in Tables 2 - 6. Included in the trial, as checks, were six commercial hybrids.

Production of testcross seed for 2002 trials was attempted in Brookings SD, but failed due to severe drought conditions. For the 2002 growing season, the five participating locations, Fargo, ND, Brookings, SD, Ithaca, NY, Guelph, Ontario, and Ottawa, Ontario have entered testcrosses of interest to the respective programs (25 experimental hybrids and five commercial checks).

Testcross seed production for the 2003 trials is being attempted in Guelph, Ontario for 36 inbred lines using two inbred testers, MBS1236 and LH295.

100-300 Maturity Group Sub-committee:

M. Carena
Z. W. Wicks III
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Table 1. 2001 NCR 100-300 Combined

ENTRY	Tester	Inbred	Grain yield (bu/ac)	Moisture (%)	PI	Broken stalks (%)
1	LH176/LH177	CG107	136.21	20.34	7.27	4.41
2	LH176/LH177	CG109	125.61	19.89	6.84	2.30
3	LH176/LH177	CO328	131.16	21.29	6.53	13.00
4	LH176/LH177	CO365	122.56	20.58	6.38	3.53
5	LH176/LH177	CO386	123.58	19.58	6.47	4.34
6	LH176/LH177	CO388	138.76	22.48	6.57	3.01
7	LH176/LH177	CO427	123.07	21.36	5.94	3.21
8	LH176/LH177	CO429	120.18	19.46	6.74	4.37
9	LH176/LH177	CO430	121.95	19.72	6.59	4.48
10	LH176/LH177	CO433	123.48	19.24	6.84	1.82
11	LH176/LH177	CO435	123.53	19.14	7.03	4.53
12	LH176/LH177	CO438	112.04	18.32	6.57	4.69
13	LH176/LH177	ND96-12	108.05	19.30	6.04	1.50
14	LH176/LH177	ND97-23	120.52	20.21	6.42	3.67
15	LH176/LH177	ND97-30	95.88	20.33	5.07	6.09
16	LH176/LH177	ND97-32	116.62	18.26	6.80	2.94
17	LH176/LH177	ND97-50	119.44	19.71	6.58	8.34
18	LH176/LH177	ND97-6W	123.53	19.37	6.70	4.09
19	LH176/LH177	ND98-95	125.88	18.31	7.35	1.70
20	LH176/LH177	ND98-97	122.73	18.74	7.07	0.91
21	LH176/LH177	NY32311CA	118.22	18.17	6.94	1.70
22	LH176/LH177	NY73118	132.67	19.07	7.58	7.40
23	LH176/LH177	NYA665ECB1	129.75	20.74	6.74	1.26
24	LH300/LH301	CG107	122.76	21.66	6.07	12.79
25	LH300/LH301	CG109	120.89	20.25	6.56	6.20
26	LH300/LH301	CO328	108.00	20.47	5.61	17.85
27	LH300/LH301	CO365	104.62	21.00	5.40	7.92
28	LH300/LH301	CO386	113.74	18.54	6.52	4.07
29	LH300/LH301	CO388	132.40	22.62	6.31	4.04
30	LH300/LH301	CO427	108.17	22.92	5.05	3.91
31	LH300/LH301	CO429	118.29	19.46	6.64	10.45
32	LH300/LH301	CO430	118.12	18.42	6.98	5.70
33	LH300/LH301	CO433	112.18	18.18	6.42	2.96
34	LH300/LH301	CO435	68.61	20.56	3.99	5.39
35	LH300/LH301	CO438	93.58	17.56	5.95	12.57
36	LH300/LH301	ND96-12	92.03	19.63	5.02	3.26
37	LH300/LH301	ND97-23	90.38	19.95	5.22	11.85
38	LH300/LH301	ND97-30	81.18	19.82	4.38	4.95
39	LH300/LH301	ND97-32	101.70	18.23	6.08	11.09
40	LH300/LH301	ND97-50	102.82	21.10	5.31	16.17
41	LH300/LH301	ND97-6W	106.63	18.70	6.34	8.95
42	LH300/LH301	ND98-95	106.76	19.32	5.51	7.21
43	LH300/LH301	ND98-135	104.66	17.30	6.45	1.76
44	LH300/LH301	NY32311CA	107.45	18.43	6.39	4.12
45	LH300/LH301	NY73118	93.31	19.41	5.29	5.63
46	LH300/LH301	NYA665ECB1	68.63	20.49	3.73	2.96
47	LH300/LH301	CG108	89.77	18.52	5.07	3.82
48	Cargill 1877	Yellow Check	106.47	18.82	6.06	2.95
49	NK N25-D7	Yellow Check	139.50	19.52	7.51	2.01
50	Pioneer 38P05	Yellow Check	156.55	20.50	8.03	2.50
51	Pioneer 39D81	Yellow Check	133.26	19.15	7.65	3.17
		GRAND MEAN	114.08	19.69	6.25	5.48
		CV	11.58	6.73	13.94	90.28
		LSD (0.05)	13.80	1.39	0.91	5.79

Table 2. 2001 NCR 100-300 Elora, Ontario

ENTRY	Tester	Inbred	Grain yield (bu/ac)	Moisture (%)	PI	Broken stalks (%)
1	LH176/LH177	CG107	141.80	25.33	5.23	0.52
2	LH176/LH177	CG109	160.07	23.87	6.30	3.13
3	LH176/LH177	CO328	151.70	27.60	5.40	8.33
4	LH176/LH177	CO365	133.03	25.47	5.33	3.65
5	LH176/LH177	CO386	134.07	24.73	6.33	2.60
6	LH176/LH177	CO388	148.37	29.13	5.20	6.76
7	LH176/LH177	CO427	138.57	26.37	4.97	2.09
8	LH176/LH177	CO429	122.30	24.63	4.77	0.00
9	LH176/LH177	CO430	142.70	23.53	5.43	10.94
10	LH176/LH177	CO433	143.50	23.30	6.20	2.09
11	LH176/LH177	CO435	126.77	24.70	5.77	4.70
12	LH176/LH177	CO438	124.70	21.40	5.47	7.83
13	LH176/LH177	ND96-12	118.10	23.03	4.83	1.04
14	LH176/LH177	ND97-23	135.37	24.93	4.97	1.04
15	LH176/LH177	ND97-30	101.67	26.60	4.23	1.56
16	LH176/LH177	ND97-32	113.33	22.93	5.20	4.15
17	LH176/LH177	ND97-50	124.17	24.63	5.10	8.33
18	LH176/LH177	ND97-6W	157.53	23.57	6.87	3.65
19	LH176/LH177	ND98-95	125.93	22.67	6.60	2.60
20	LH176/LH177	ND98-97	138.20	22.43	5.90	1.04
21	LH176/LH177	NY32311CA	131.97	23.10	6.10	0.00
22	LH176/LH177	NY73118	140.20	23.73	6.20	9.89
23	LH176/LH177	NYA665ECB1	135.23	26.67	5.17	1.04
24	LH300/LH301	CG107	118.70	29.13	4.60	7.80
25	LH300/LH301	CG109	138.43	25.83	5.70	0.00
26	LH300/LH301	CO328	124.87	25.87	4.73	15.13
27	LH300/LH301	CO365	109.57	26.70	4.60	6.24
28	LH300/LH301	CO386	146.37	22.83	6.37	4.15
29	LH300/LH301	CO388	142.10	30.67	4.63	3.13
30	LH300/LH301	CO427	125.63	28.47	3.80	2.08
31	LH300/LH301	CO429	150.73	25.90	5.90	2.08
32	LH300/LH301	CO430	139.87	20.90	6.23	10.40
33	LH300/LH301	CO433	148.70	21.90	6.60	3.13
34	LH300/LH301	CO435	62.37	28.43	1.60	0.00
35	LH300/LH301	CO438	73.93	20.80	3.47	19.80
36	LH300/LH301	ND96-12	108.03	25.33	5.30	0.00
37	LH300/LH301	ND97-23	103.73	26.43	3.73	3.13
38	LH300/LH301	ND97-30	93.57	26.30	3.63	0.00
39	LH300/LH301	ND97-32	117.43	21.20	5.37	13.00
40	LH300/LH301	ND97-50	96.77	29.20	3.80	31.77
41	LH300/LH301	ND97-6W	117.53	23.70	5.47	15.10
42	LH300/LH301	ND98-95	125.97	23.43	6.20	12.00
43	LH300/LH301	ND98-135	125.83	20.80	5.73	1.56
44	LH300/LH301	NY32311CA	124.20	22.67	5.13	1.04
45	LH300/LH301	NY73118	90.60	26.67	3.43	8.83
46	LH300/LH301	NYA665ECB1	74.67	27.93	2.17	1.56
47	LH300/LH301	CG108	95.93	22.90	4.77	0.00
48	Cargill 1877	Yellow Check	139.07	22.93	5.07	2.60
49	NK N25-D7	Yellow Check	153.00	23.83	6.37	1.04
50	Pioneer 38P05	Yellow Check	169.87	25.90	6.60	0.00
51	Pioneer 39D81	Yellow Check	149.50	23.30	5.87	1.56
		GRAND MEAN	126.59	24.79	5.19	4.98
Planted: May 4/01		**CV**	14.39	5.71	13.33	132.80
Harvested: Nov 6/01		**LSD (0.05)**	24.70	1.92	0.94	8.97

Table 3. 2001 NCR 100-300 Cortland, NY

ENTRY	Tester	Inbred	Grain yield (bu/ac)	Moisture (%)	PI	Broken stalks (%)
1	LH176/LH177	CG107	147.2	18.5	7.9	4
2	LH176/LH177	CG109	119.1	19.4	6.1	5
3	LH176/LH177	CO328	136.3	19.3	7.1	37
4	LH176/LH177	CO365	127.5	19.1	6.7	2
5	LH176/LH177	CO386	102.7	19.4	5.3	10
6	LH176/LH177	CO388	150.9	21.2	7.1	1
7	LH176/LH177	CO427	125.5	20.9	6.0	5
8	LH176/LH177	CO429	155.3	18.2	8.5	10
9	LH176/LH177	CO430	129.9	18.8	6.9	3
10	LH176/LH177	CO433	135.0	18.7	7.2	2
11	LH176/LH177	CO435	136.1	17.0	8.0	6
12	LH176/LH177	CO438	97.4	17.9	5.5	3
13	LH176/LH177	ND96-12	112.9	19.0	5.9	0
14	LH176/LH177	ND97-23	140.7	18.6	7.6	10
15	LH176/LH177	ND97-30	103.2	19.0	5.5	18
16	LH176/LH177	ND97-32	143.3	17.7	8.1	3
17	LH176/LH177	ND97-50	138.4	17.5	7.9	9
18	LH176/LH177	ND97-6W	111.1	19.1	5.8	7
19	LH176/LH177	ND98-95	104.3	18.5	5.7	0
20	LH176/LH177	ND98-97	131.6	17.7	7.4	0
21	LH176/LH177	NY32311C-A	116.2	17.4	6.7	2
22	LH176/LH177	NY73118	129.6	17.4	7.5	14
23	LH176/LH177	NYA665ECB1	173.7	18.2	9.6	2
24	LH300/LH301	CG107	126.5	20.7	6.1	23
25	LH300/LH301	CG109	138.6	20.0	6.9	13
26	LH300/LH301	CO328	99.2	21.1	4.7	36
27	LH300/LH301	CO365	113.5	20.0	5.7	13
28	LH300/LH301	CO386	101.5	18.5	5.5	6
29	LH300/LH301	CO388	141.7	21.2	6.7	7
30	LH300/LH301	CO427	112.5	21.4	5.3	9
31	LH300/LH301	CO429	118.7	18.3	6.5	17
32	LH300/LH301	CO430	133.4	18.0	7.4	3
33	LH300/LH301	CO433	118.8	18.1	6.6	2
34	LH300/LH301	CO435	75.9	19.9	3.9	14
35	LH300/LH301	CO438	-9.0	-9.0	-9.0	-9
36	LH300/LH301	ND96-12	75.9	18.8	4.0	0
37	LH300/LH301	ND97-23	96.3	18.0	5.4	36
38	LH300/LH301	ND97-30	94.7	18.6	5.1	13
39	LH300/LH301	ND97-32	84.5	18.0	4.7	15
40	LH300/LH301	ND97-50	109.6	18.7	5.9	17
41	LH300/LH301	ND97-6W	89.8	18.6	4.8	9
42	LH300/LH301	ND98-95	80.5	18.3	4.4	12
43	LH300/LH301	ND98-135	83.3	17.1	4.9	2
44	LH300/LH301	NY32311C-A	93.2	17.6	5.3	10
45	LH300/LH301	NY73118	94.8	18.1	5.2	9
46	LH300/LH301	NYA665ECB1	89.0	19.3	4.6	8
47	LH300/LH301	CG108	-9.0	-9.0	-9.0	-9
48	Cargill 1877	Yellow Check	97.2	18.2	5.4	7
49	NK N25-D7	Yellow Check	137.2	18.7	7.3	7
50	Pioneer 38P05	Yellow Check	153.9	18.4	8.4	9
51	Pioneer 39D81	Yellow Check	130.6	19.2	6.8	8
		GRAND MEAN	117.5	18.8	6.3	9
Planted 04/29/01		**C.V.**	16.5	3.7		86
Harvested 11/01/01		**LSD(.05)**	31.3	1.1		13

Table 4. 2001 NCR 100-300 Watertown, SD

ENTRY	Tester	Inbred	Grain yield (bu/ac)	Moisture (%)	PI	Broken stalks (%)
1	LH176/LH177	CG107	117.5	18.0	6.5	
2	LH176/LH177	CG109	99.1	18.0	5.5	
3	LH176/LH177	CO328	88.6	17.6	5.0	
4	LH176/LH177	CO365	93.1	17.8	5.2	
5	LH176/LH177	CO386	101.2	17.4	5.8	
6	LH176/LH177	CO388	102.9	17.9	5.7	
7	LH176/LH177	CO427	102.3	17.7	5.8	
8	LH176/LH177	CO429	80.0	17.6	4.5	
9	LH176/LH177	CO430	104.0	17.7	5.9	
10	LH176/LH177	CO433	93.3	17.1	5.5	
11	LH176/LH177	CO435	92.2	17.1	5.4	
12	LH176/LH177	CO438	99.3	17.5	5.7	
13	LH176/LH177	ND96-12	86.9	17.5	5.0	
14	LH176/LH177	ND97-23	83.8	17.7	4.7	
15	LH176/LH177	ND97-30	80.7	17.7	4.6	
16	LH176/LH177	ND97-32	90.7	17.2	5.3	
17	LH176/LH177	ND97-50	95.9	17.8	5.4	
18	LH176/LH177	ND97-6W	72.6	17.2	4.2	
19	LH176/LH177	ND98-97	103.6	17.8	5.8	
20	LH176/LH177	NY32311CA	91.5	17.2	5.3	
21	LH176/LH177	NY73118	95.1	17.4	5.5	
22	LH176/LH177	NYA665ECB1	92.4	17.6	5.3	
23	LH300/LH301	CG107	100.8	17.8	5.7	
24	LH300/LH301	CG109	82.0	17.8	4.6	
25	LH300/LH301	CO328	93.7	17.6	5.3	
26	LH300/LH301	CO365	69.6	18.3	3.8	
27	LH300/LH301	CO386	85.9	17.4	4.9	
28	LH300/LH301	CO388	97.7	18.0	5.4	
29	LH300/LH301	CO427	94.0	18.0	5.2	
30	LH300/LH301	CO429	81.9	17.5	4.7	
31	LH300/LH301	CO430	79.7	17.5	4.6	
32	LH300/LH301	CO433	77.3	17.2	4.5	
33	LH300/LH301	CO435	61.0	17.6	3.5	
34	LH300/LH301	CO438	89.9	17.3	5.2	
35	LH300/LH301	ND96-12	81.4	17.7	4.6	
36	LH300/LH301	ND97-23	71.3	17.5	4.1	
37	LH300/LH301	ND97-30	61.5	17.8	3.5	
38	LH300/LH301	ND97-32	83.5	17.5	4.8	
39	LH300/LH301	ND97-50	72.5	17.6	4.1	
40	LH300/LH301	ND97-6W	74.7	17.6	4.2	
41	LH300/LH301	ND98-95	79.2	17.5	4.5	
42	LH300/LH301	ND98-135	92.0	17.7	5.2	
43	LH300/LH301	NY32311CA	90.2	17.3	5.2	
44	LH300/LH301	NY73118	70.0	17.5	4.0	
45	LH300/LH301	NYA665ECB1	49.5	17.7	2.8	
46	Cargill 1877	Yellow Check	93.6	17.5	5.3	
47	NK N25-D7	Yellow Check	106.5	17.7	6.0	
48	Pioneer 38P05	Yellow Check	107.5	17.7	6.1	
49	Pioneer 39D81	Yellow Check	103.1	17.6	5.9	
		GRAND MEAN	**88.1**	**17.6**		
		CV	**15.04**	**0.47**		
		LSD (0.05)	**10.4**	**1.6**		

Table 5. 2001 NCR 100-300 Fargo, ND

ENTRY	Tester	Inbred	Grain yield (bu/ac)	Moisture (%)	PI	Broken stalks (%)
1	LH176/LH177	CG107	165.2	13.6	12.1	11.1
2	LH176/LH177	CG109	152.8	12.6	12.1	0.8
3	LH176/LH177	CO328	157.7	14.9	10.6	3.0
4	LH176/LH177	CO365	149.2	14.0	10.7	8.1
5	LH176/LH177	CO386	142.3	15.1	9.4	1.8
6	LH176/LH177	CO388	176.7	16.5	10.7	4.0
7	LH176/LH177	CO427	131.7	16.3	8.1	4.4
8	LH176/LH177	CO429	147.3	12.6	11.7	5.1
9	LH176/LH177	CO430	136.7	13.2	10.4	0.0
10	LH176/LH177	CO433	141.2	12.8	11.0	2.1
11	LH176/LH177	CO435	143.6	12.2	11.8	6.1
12	LH176/LH177	CO438	138.1	12.0	11.5	4.7
13	LH176/LH177	ND96-12	135.9	12.8	10.6	3.7
14	LH176/LH177	ND97-23	155.6	14.2	10.9	2.0
15	LH176/LH177	ND97-30	124.6	14.5	8.6	3.9
16	LH176/LH177	ND97-32	141.1	12.7	11.1	2.6
17	LH176/LH177	ND97-50	144.6	13.3	10.9	13.8
18	LH176/LH177	ND97-6W	147.7	12.8	11.5	5.0
19	LH176/LH177	ND98-95	162.8	12.3	13.2	1.9
20	LH176/LH177	ND98-97	139.8	11.9	11.7	1.9
21	LH176/LH177	NY32311CA	143.3	12.2	11.7	4.6
22	LH176/LH177	NY73118	160.4	11.9	13.4	4.6
23	LH176/LH177	NYA665ECB1	148.8	14.8	10.0	2.0
24	LH300/LH301	CG107	128.6	13.7	9.4	19.0
25	LH300/LH301	CG109	139.8	11.9	11.7	9.8
26	LH300/LH301	CO328	123.6	13.5	9.2	13.4
27	LH300/LH301	CO365	128.6	13.4	9.6	11.9
28	LH300/LH301	CO386	130.8	11.8	11.1	4.6
29	LH300/LH301	CO388	159.1	15.2	10.4	5.3
30	LH300/LH301	CO427	136.1	17.1	8.0	2.8
31	LH300/LH301	CO429	132.6	11.3	11.7	16.8
32	LH300/LH301	CO430	147.1	11.8	12.5	6.3
33	LH300/LH301	CO433	105.9	11.3	9.4	5.1
34	LH300/LH301	CO435	102.4	11.8	8.7	7.2
35	LH300/LH301	CO438	121.5	10.9	11.1	8.7
36	LH300/LH301	ND96-12	112.3	13.1	8.6	11.7
37	LH300/LH301	ND97-23	127.5	11.9	10.7	7.6
38	LH300/LH301	ND97-30	116.1	14.4	8.1	5.2
39	LH300/LH301	ND97-32	130.3	11.4	11.4	9.3
40	LH300/LH301	ND97-50	137.0	14.5	9.4	6.3
41	LH300/LH301	ND97-6W	147.4	11.3	13.0	10.0
42	LH300/LH301	ND98-95	131.8	18.0	7.3	3.3
43	LH300/LH301	ND98-135	122.6	11.0	11.1	3.0
44	LH300/LH301	NY32311CA	135.6	11.4	11.9	4.0
45	LH300/LH301	NY73118	113.4	11.9	9.5	2.1
46	LH300/LH301	NYA665ECB1	101.9	13.9	7.3	1.8
47	LH300/LH301	CG 108	110.7	13.1	8.5	6.2
48	Cargill 1877	Yellow Check	123.1	12.1	10.2	2.0
49	NK N25-D7	Yellow Check	181.9	14.4	12.6	0.0
50	Pioneer 38P05	Yellow Check	202.3	15.3	13.2	0.0
51	Pioneer 39D81	Yellow Check	179.3	12.1	14.8	1.9
		GRAND MEAN	**139.5**	**13.2**		**5.5**
		CV	**12.0**	**14.3**		**80.2**
		LSD (0.05)	**27.2**	**3.0**		**7.2**

Table 6. 2001 NCR 100-300 Ottawa, Ontario

ENTRY	Tester	Inbred	Grain yield (bu/ac)	Moisture (%)	PI	Broken stalks (%)
1	LH176/LH177	CG107	115.84	25.70	4.46	2.0
2	LH176/LH177	CG109	103.89	25.10	4.11	0.7
3	LH176/LH177	CO328	121.62	26.80	4.56	3.3
4	LH176/LH177	CO365	103.71	26.00	4.02	0.7
5	LH176/LH177	CO386	122.73	22.50	5.26	3.0
6	LH176/LH177	CO388	113.69	28.00	4.00	0.7
7	LH176/LH177	CO427	122.66	25.20	4.95	1.0
8	LH176/LH177	CO429	100.40	24.00	4.15	2.3
9	LH176/LH177	CO430	107.83	24.60	4.35	4.0
10	LH176/LH177	CO433	106.30	24.70	4.33	1.3
11	LH176/LH177	CO435	106.98	25.10	4.23	1.0
12	LH176/LH177	CO438	104.08	22.00	4.80	3.3
13	LH176/LH177	ND96-12	90.64	23.50	3.87	1.3
14	LH176/LH177	ND97-23	97.05	25.30	3.82	1.7
15	LH176/LH177	ND97-30	62.37	24.90	2.45	0.7
16	LH176/LH177	ND97-32	91.91	21.30	4.32	2.0
17	LH176/LH177	ND97-50	92.88	25.40	3.66	1.7
18	LH176/LH177	ND97-6W	119.55	23.40	5.11	1.0
19	LH176/LH177	ND98-95	120.76	23.00	5.29	2.3
20	LH176/LH177	ND98-97	105.83	23.80	4.47	0.7
21	LH176/LH177	NY32311CA	108.16	22.40	4.83	0.0
22	LH176/LH177	NY73118	132.84	25.10	5.51	1.3
23	LH300/LH301	NYA665ECB1	97.20	26.80	3.59	0.3
24	LH300/LH301	CG107	128.69	27.40	4.79	1.0
25	LH300/LH301	CG109	103.15	26.50	4.02	2.0
26	LH300/LH301	CO328	103.61	24.60	4.21	7.0
27	LH300/LH301	CO365	87.36	26.20	3.37	0.7
28	LH300/LH301	CO386	108.53	22.50	4.80	1.3
29	LH300/LH301	CO388	119.62	27.70	4.25	0.3
30	LH300/LH301	CO427	88.39	29.20	3.10	2.0
31	LH300/LH301	CO429	109.54	24.90	4.39	6.3
32	LH300/LH301	CO430	101.59	24.10	4.22	3.0
33	LH300/LH301	CO433	111.24	21.70	5.15	1.3
34	LH300/LH301	CO435	57.03	24.20	2.34	0.3
35	LH300/LH301	CO438	89.10	22.50	4.09	5.3
36	LH300/LH301	ND96-12	63.37	24.50	2.59	1.3
37	LH300/LH301	ND97-23	58.60	26.10	2.33	1.0
38	LH300/LH301	ND97-30	35.44	20.90	1.65	1.3
39	LH300/LH301	ND97-32	93.35	22.50	4.13	7.0
40	LH300/LH301	ND97-50	87.07	26.10	3.34	9.7
41	LH300/LH301	ND97-6W	97.35	23.30	4.16	1.7
42	LH300/LH301	ND98-95	105.83	20.80	5.05	1.7
43	LH300/LH301	ND98-135	103.16	19.40	5.20	0.7
44	LH300/LH301	NY32311CA	100.23	22.90	4.40	1.7
45	LH300/LH301	NY73118	96.68	22.80	4.25	2.3
46	LH300/LH301	NYA665ECB1	37.30	21.60	1.78	0.7
47	LH300/LH301	CG108	73.99	22.90	3.21	1.3
48	Cargill 1877	Yellow Check	99.16	22.80	4.41	0.3
49	NK N25-D7	Yellow Check	120.93	23.00	5.25	0.3
50	Pioneer 38P05	Yellow Check	146.36	24.70	5.88	1.0
51	Pioneer 39D81	Yellow Check	114.85	23.20	4.96	1.7
		GRAND MEAN	**99.81**	**24.20**	**4.15**	**2.0**
		CV	**9.37**	**5.20**	**10.64**	**93.8**
		LSD (0.05)	**12.68**	**1.70**	**0.60**	**2.5**