

2009 FORMAN EXPERIMENT CONDUCTED BY NDSU CORN BREEDING PROGRAM

		Grain	Grain	Grain	Plant	Plant	Root	Stalk	Test
Company	Hybrid	Yield	Yield	Moisture	Density	Density	Ldg	Ldg	Weight
		t/ha	bu/A	%	pl/A	pl/ac	%	%	lb/bu
Pioneer	Pioneer Brand 38H08	7.3	116.7	22.1	71041	28750	0.0	0.0	46.5
NuTech	3T-493 VT3	6.8	108.7	23.5	72118	29186	0.0	0.0	44.3
NuTech	3T-600 VT3	6.8	108.6	25.3	73194	29621	0.0	3.1	46.5
Monsanto	DKC 40-20 VT3	6.6	105.7	25.3	74500	30150	0.0	0.0	47.4
Renk	RK501VT3	6.6	104.8	29.6	74500	30150	0.0	4.1	44.5
Peterson Farms	68L91	6.5	104.1	33.6	74347	30088	0.0	4.2	43.5
Kruger	K-6093 VT3	6.4	101.1	30.7	72118	29186	3.0	0.0	44.1
ND06-36 X AB4	NDSU Experimental 078610	6.2	98.2	27.0	74271	30057	0.0	0.0	49.4
Kruger	K-6298 VT3	6.2	98.2	30.7	68507	27724	0.0	0.0	44.0
Hyland Seeds	Hyland HL CVR54	6.1	96.9	19.9	74423	30119	0.0	0.0	45.3
Kruger	K-6200 VT3	6.0	95.0	32.3	73194	29621	0.0	0.0	48.9
G2 Genetics	5H-797 RR/HX	5.9	93.8	25.3	75729	30647	0.0	0.0	43.7
Dairyland	ST-9789	5.9	93.3	20.8	73194	29621	0.0	1.5	49.0
Renk	RK616VT3	5.9	93.2	28.2	72118	29186	0.0	0.0	45.6
ND2623 X TR3030	NDSU Experimental 089762	5.9	93.1	20.9	73194	29621	0.0	0.0	51.9
Proseed	794 CB/LL/GT	5.7	90.7	31.3	74347	30088	0.0	0.0	43.8
Renk	RK575VT3	5.7	90.6	28.7	75805	30678	4.1	0.0	43.9
Dairyland	ST-6992	5.6	89.6	24.7	75805	30678	0.0	0.0	47.0
G2 Genetics	5H-501 RR/HX	5.6	89.1	32.9	71041	28750	1.6	1.6	41.5
Hyland Seeds	Hyland HL CVR68	5.4	85.8	36.0	73194	29621	0.0	2.9	43.1
Seeds 2000	9901 VT3	5.3	84.7	36.8	74423	30119	0.0	2.6	43.1
NuTech	3T-098 VT3	5.3	84.5	32.8	74347	30088	8.1	0.0	42.5
Proseed	793 CB/LL/GT	5.1	81.5	28.9	73194	29621	0.0	0.0	45.6
Wensman	W 8180VT3	5.0	80.1	27.8	68583	27755	8.0	6.0	44.5
Pioneer	Pioneer Brand 38M58	5.0	79.8	23.3	74652	30211	3.8	1.3	45.2
Wensman	W 7267VT3	5.0	79.5	36.0	73194	29621	0.0	0.0	41.9
Proseed	894 VT3	5.0	78.9	25.2	70965	28719	0.0	0.0	52.0
Dairyland	ST-9395	5.0	78.8	25.7	69736	28222	0.0	0.0	43.7

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Monsanto	DKC 46-60 VT3	5.0	78.7	24.4	74500	30150	0.0	0.0	44.7
Seeds 2000	2973 GT/CB	4.9	78.6	44.3	72118	29186	0.0	0.0	43.4
NuTech	5N-398 GT/CB/LL/RW	4.9	78.6	36.1	74423	30119	9.1	0.0	44.9
Dairyland	ST-7790	4.9	78.5	34.6	74423	30119	0.0	1.5	45.4
Monsanto	DKC 43-27 VT3	4.9	78.0	26.6	74423	30119	0.0	0.0	44.7
LH176 X ND250	068159	4.8	76.8	26.0	67201	27196	22.0	8.3	45.4
Terning	TS 8235 GTCBLL	4.7	75.0	29.5	72118	29186	6.3	0.0	45.2
Integra	9480 RB	4.7	74.6	26.4	68659	27786	0.0	6.6	44.8
Monsanto	DKC 42-72 VT3	4.6	73.7	26.0	72118	29186	0.0	0.0	44.4
NuTech	3T-300 VT3	4.5	72.2	37.5	74576	30180	0.0	0.0	43.1
Renk	RK563CBLLRW	4.5	71.7	41.9	73194	29621	0.0	2.8	38.1
Renk	RK570VT3	4.5	71.2	30.3	75729	30647	0.0	3.1	41.4
G2 Genetics	5H-199 RR/HX	4.4	69.7	26.9	68583	27755	0.0	0.0	42.4
Seeds 2000	9502 VT3	4.3	68.2	23.9	73194	29621	0.0	4.4	46.1
Kruger	K-6295 VT3	4.3	67.9	30.5	69812	28253	0.0	0.0	46.9
Gold Country	95-11 VT3	4.3	67.8	27.2	67048	27134	0.0	0.0	44.4
Kruger	K-6499 VT3	4.2	67.2	28.5	74271	30057	6.8	1.6	43.5
Hyland Seeds	Hyland HL CVR74	4.2	67.0	38.8	70889	28688	0.0	6.5	44.6
Peterson Farms	53B97	4.2	66.9	32.8	70965	28719	0.0	6.1	45.3
Wensman	W 7195VT3	4.2	66.5	31.9	74271	30057	0.0	6.9	43.8
Gold Country	98-10 VT3	4.1	64.7	36.9	73194	29621	0.0	1.5	41.3
Kruger	K-6490 VT3	3.9	61.3	20.8	71041	28750	20.6	1.6	46.4
Proseed	896 VT3	3.8	60.8	32.8	69812	28253	0.0	7.6	38.7
NuTech	3T-295 VT3	3.8	60.0	27.6	74271	30057	0.0	0.0	46.2
Gold Country	96-22 VT3	3.7	59.6	25.3	69812	28253	0.0	0.0	47.4
ND06-181 X LH295Bt	06UB81150	3.6	57.0	22.5	68430	27693	4.4	2.9	46.1
G2 Genetics	5H-700 RR/HX	3.5	55.1	33.2	70889	28688	0.0	0.0	43.7
Wensman	W 7143VT3	3.5	54.9	32.0	73194	29621	0.0	0.0	44.5
Wensman	W 7270VT3	3.3	52.2	36.4	75805	30678	0.0	0.0	42.5
Dairyland	ST-9594	3.3	52.2	33.7	72118	29186	12.0	0.0	45.8
Kruger	K-6097 VT3	3.2	51.2	33.0	73194	29621	1.5	3.0	42.0
Pioneer	Pioneer Brand 37K11	3.1	49.9	34.9	74500	30150	0.0	0.0	42.6

SOUTHERN ND

LOCATION 1

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FORMAN, ND

G2 Genetics	5H-999 RR/HX	3.0	48.0	23.9	74347	30088	0.0	5.7	44.8
Wensman	W 7273VT3	2.7	43.7	37.3	70965	28719	0.0	5.7	44.3
Kruger	K-2090 RR/YGCB	2.1	33.6	22.0	74423	30119	0.0	3.0	45.2
Seeds 2000	9501 VT3	1.7	26.8	21.0	74271	30057	0.0	0.0	43.4
	MEAN	4.7	74.6	29.7	72658	29404	1.8	1.7	44.6
	CV	21.8	21.8	7.1	6	6	363.8	217.2	2.6
	LSD (0.05)	1.9	30.2	9.5	8995	3640	12.3	7.0	3.0

SOUTHERN ND

LOCATION 1