

2009 BARNEY EXPERIMENT CONDUCTED BY NDSU CORN BREEDING PROGRAM

Company	Hybrid	Grain Yield t/ha	Grain Yield bu/A	Grain Moisture %	Plant Density pl/A	Plant Density pl/ac	Stalk Ldg %	Test Weight lb/bu
Monsanto	DKC 46-60 VT3	8.8	140.5	24.6	78110	31611	0.0	49.8
Proseed	793 CB/LL/GT	8.4	133.7	28.8	77499	31364	0.0	45.6
G2 Genetics	5H-999 RR/HX	8.4	133.3	29.7	74270	30057	0.0	44.2
Monsanto	DKC 42-72 VT3	8.3	131.5	22.1	73888	29902	0.0	46.8
Monsanto	DKC 43-27 VT3	8.0	128.0	24.4	73888	29902	0.0	46.6
Kruger	K-6093 VT3	7.9	126.2	23.5	74270	30057	0.0	46.9
Kruger	K-6298 VT3	7.8	123.8	23.9	76423	30928	0.0	46.8
Monsanto	DKC 40-20 VT3	7.8	123.7	24.0	77652	31425	0.0	47.5
Renk	RK575VT3	7.7	123.2	27.1	74270	30057	0.0	44.5
Seeds 2000	2973 GT/CB	7.5	119.7	37.5	77499	31364	0.0	44.0
Renk	RK570VT3	7.5	119.5	24.8	73194	29621	0.0	42.6
G2 Genetics	5H-199 RR/HX	7.5	119.5	28.2	77652	31425	3.8	44.8
Proseed	896 VT3	7.5	118.9	27.6	73194	29621	0.0	46.9
Peterson Farms	68L91	7.5	118.7	25.7	74270	30057	0.0	44.3
Pioneer	Pioneer Brand 38M58	7.4	118.0	25.0	73194	29621	0.0	45.6
Renk	RK501VT3	7.4	117.6	30.6	77881	31518	0.0	46.2
Gold Country	96-22 VT3	7.4	117.1	24.3	75347	30492	0.0	46.7
Renk	RK616VT3	7.3	116.5	27.0	75347	30492	0.0	48.7
Proseed	894 VT3	7.3	116.5	26.6	74270	30057	0.0	42.7
Kruger	K-6200 VT3	7.3	116.2	32.4	75347	30492	0.0	44.2
Wensman	W 7270VT3	7.3	115.7	32.7	75347	30492	0.0	43.8
Kruger	K-6097 VT3	7.2	114.7	30.8	77652	31425	0.0	43.1
NuTech	3T-300 VT3	7.2	114.6	40.1	73506	29748	0.0	43.1
Gold Country	98-10 VT3	7.2	114.3	26.2	76423	30928	0.0	46.7
Wensman	W 8180VT3	7.2	114.2	27.8	77499	31364	0.0	46.2
Wensman	W 7273VT3	7.1	113.3	31.7	75347	30492	0.0	43.8
Kruger	K-6295 VT3	7.1	113.1	30.5	74270	30057	0.0	55.1
Seeds 2000	9501 VT3	7.1	112.1	26.7	73965	29933	0.0	43.2
Proseed	794 CB/LL/GT	7.0	111.4	27.1	73812	29871	0.0	44.1
Wensman	W 7143VT3	7.0	111.3	28.1	73194	29621	0.0	47.2
Gold Country	95-11 VT3	6.9	110.1	24.5	74270	30057	0.0	49.1
G2 Genetics	5H-797 RR/HX	6.9	109.9	26.9	74117	29995	0.0	42.3

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Kruger	K-6499 VT3	6.8	108.2	33.0	73965	29933	0.0	45.7
Hyland Seeds	Hyland HL CVR68	6.8	107.4	31.9	74270	30057	0.0	45.2
Wensman	W 7267VT3	6.7	106.4	37.4	74041	29964	0.0	44.2
Kruger	K-6490 VT3	6.5	103.0	27.5	74270	30057	0.0	46.4
NuTech	3T-600 VT3	6.4	102.5	37.2	73194	29621	0.0	43.1
G2 Genetics	5H-501 RR/HX	6.3	100.6	31.8	77805	31487	1.3	44.4
G2 Genetics	5H-700 RR/HX	6.3	100.2	36.7	75347	30492	0.0	43.7
Integra	9480 RB	6.3	99.6	35.4	73194	29621	0.0	42.3
NuTech	3T-295 VT3	6.3	99.6	28.6	74270	30057	0.0	46.5
NuTech	3T-098 VT3	6.2	98.8	38.0	74270	30057	2.9	46.0
Pioneer	Pioneer Brand 38H08	6.2	98.1	23.0	74041	29964	3.1	45.2
Peterson Farms	53B97	6.1	97.5	35.8	73194	29621	0.0	46.4
Renk	RK563CBLLRW	6.1	96.9	36.5	73888	29902	0.0	40.5
Seeds 2000	9901 VT3	5.7	90.6	31.9	74270	30057	0.0	44.1
NuTech	3T-493 VT3	5.7	90.3	28.6	74041	29964	0.0	42.7
Wensman	W 7195VT3	5.4	85.9	24.6	76423	30928	0.0	48.7
Pioneer	Pioneer Brand 37N68	5.3	84.6	34.7	73194	29621	0.0	42.4
Seeds 2000	9502 VT3	5.2	82.5	31.2	75347	30492	0.0	43.9
NuTech	5N-398 GT/CB/LL/RW	5.1	81.3	38.9	73812	29871	1.6	43.0
Pioneer	Pioneer Brand 37K11	5.1	81.0	32.2	77805	31487	1.3	42.8
Kruger	K-2090 RR/YGCB	4.7	74.3	23.2	77805	31487	0.0	48.4
Terning	TS 8235 GTCBLL	4.5	72.3	26.5	77499	31364	0.0	53.5
	MEAN	6.8	108.1	29.5	75052	30373	0.3	45.4
	CV	12.4	12.4	9.1	5	5	457.3	3.3
	LSD (0.05)	1.4	22.3	7.8	7958	3221	0.3	3.5

No Root Lodging Differences across Entries