

2009 COLFAX EXPERIMENT CONDUCTED BY NDSU CORN BREEDING PROGRAM

Company	Hybrid	Grain Yield t/ha	Grain Yield bu/A	Grain Moisture %	Plant Density p/A	Plant Density p/ac	Stalk Ldg %	Test Weight lb/bu
Kruger	K-6295 VT3	9.9	157.9	27.5	76423	30928	1.4	48.0
Pioneer	Pioneer Brand 39N99	9.6	152.4	28.8	78576	31799	0.0	48.2
Gold Country	59-11 VT3	9.5	150.7	27.4	76423	30928	0.0	47.2
Monsanto	DKC 40-20 VT3	9.1	144.2	29.3	79034	31985	0.0	46.2
Wensman	W 7267VT3	9.0	143.1	30.6	77499	31363	0.0	49.3
Kruger	K-6490 VT3	8.7	139.0	26.8	78958	31954	0.0	47.5
Hyland Seeds	Hyland HL CVR54	8.7	138.8	27.5	76423	30928	0.0	45.1
Proseed	894 VT3	8.7	137.9	28.1	77499	31363	0.0	45.3
Renk	RK501VT3	8.5	135.8	32.0	76423	30928	0.0	44.1
Peterson Farms	53B97	8.5	135.4	31.4	76423	30928	2.6	48.0
Renk	RK575VT3	8.5	134.4	33.1	79034	31985	0.0	43.9
NuTech	3T-600 VT3	8.4	134.0	35.2	74270	30057	0.0	45.5
Wensman	W 7270VT3	8.4	133.3	33.1	76423	30928	1.4	45.2
NuTech	3T-295 VT3	8.3	132.5	35.7	78881	31923	0.0	46.8
Kruger	K-6097 VT3	8.3	132.2	33.9	74194	30026	0.0	46.0
Kruger	K-6298 VT3	8.2	129.7	32.2	78576	31799	0.0	46.3
Seeds 2000	2973 GT/CB	8.1	129.0	36.7	75347	30493	0.0	48.0
Kruger	K-6200 VT3	8.1	128.8	28.2	77499	31363	1.4	46.9
Kruger	K-6093 VT3	8.1	128.5	36.5	75347	30493	1.5	46.1
Terning	TS 8235 GTCBLL	8.1	128.2	33.0	75347	30493	0.0	47.0
Pioneer	Pioneer Brand 38H08	8.0	126.6	30.0	76423	30928	0.0	44.5
Renk	RK570VT3	7.9	125.0	32.1	75347	30493	0.0	44.7
Integra	9480 RB	7.8	124.4	32.0	74117	29995	0.0	44.6
Renk	RK563CBLLRW	7.8	123.3	36.0	75347	30493	0.0	40.8
Gold Country	96-22 VT3	7.7	122.7	29.4	76423	30928	2.6	44.9
G2 Genetics	5H-797 RR/HX	7.7	122.7	28.8	74041	29964	0.0	45.0
Wensman	W 7273VT3	7.6	120.5	38.9	77499	31363	0.0	46.4
Hyland Seeds	Hyland HL CVR68	7.6	120.4	35.4	74270	30057	0.0	45.2
Wensman	W 7143VT3	7.6	120.3	29.1	75347	30493	0.0	45.3
Proseed	793 CB/LL/GT	7.5	120.0	35.1	76423	30928	0.0	45.7
Kruger	K-2090 RR/YGCB	7.5	119.8	24.6	78729	31861	0.0	47.7
NuTech	3T-300 VT3	7.4	118.0	36.6	74194	30026	0.0	46.9
NuTech	5N-398 GT/CB/LL/RW	7.4	117.3	35.3	74194	30026	0.0	45.2

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Monsanto	DKC 46-60 VT3	7.3	116.2	32.7	78805	31892	0.0	45.2
Kruger	K-6499 VT3	7.2	114.8	40.1	74270	30057	0.0	45.8
G2 Genetics	5H-700 RR/HX	7.2	113.8	35.3	74194	30026	0.0	45.6
NuTech	3T-098 VT3	7.1	112.4	37.2	74270	30057	0.0	46.2
G2 Genetics	5H-501 RR/HX	7.0	111.9	33.1	74041	29964	0.0	44.8
Proseed	896 VT3	7.0	111.7	34.3	73965	29933	3.2	46.7
NuTech	3T-493 VT3	6.9	109.8	26.7	74194	30026	0.0	44.3
Proseed	794 CB/LL/GT	6.8	107.5	35.9	74194	30026	2.7	44.1
Wensman	W 7195VT3	6.5	103.8	35.8	73736	29841	0.0	44.6
Seeds 2000	9501 VT3	6.5	102.7	29.5	76423	30928	0.0	44.2
Peterson Farms	68L91	6.3	100.4	30.5	75347	30493	0.0	44.9
Renk	RK616VT3	6.2	98.8	34.2	79798	32294	0.0	45.6
Pioneer	Pioneer Brand 38M58	6.2	98.5	31.0	75347	30493	0.0	44.9
G2 Genetics	5H-999 RR/HX	6.1	97.5	33.5	76423	30928	1.5	44.8
Gold Country	98-10 VT3	5.9	94.4	38.4	74117	29995	4.7	44.8
Seeds 2000	9502 VT3	5.5	86.7	33.6	75347	30493	0.0	45.3
Wensman	W 8180VT3	5.1	81.6	37.8	73965	29933	0.0	45.2
G2 Genetics	5H-199 RR/HX	5.0	79.8	34.5	74117	29995	0.0	43.1
Monsanto	DKC 42-72 VT3	4.7	74.4	30.8	76423	30928	0.0	40.1
Seeds 2000	9901 VT3	4.6	73.9	33.6	76423	30928	0.0	40.1
Monsanto	DKC 43-27 VT3	4.3	67.7	27.7	73965	29933	0.0	46.7
	MEAN	7.4	118.2	32.5	75932	30729	0.4	45.4
	CV	14.8	14.8	8.2	5	5	362.8	2.9
	LSD (0.05)	1.6	25.4	5.3	8345	3377	3.0	2.8

No Root Lodging Differences among Entries

SOUTHERN ND

LOCATION 2