

## 2009 CASSELTON EXPERIMENT CONDUCTED BY NDSU CORN BREEDING PROGRAM

Company	Hybrid	Grain Yield t/ha	Grain Yield bu/A	Grain Moisture %	Test Weight lb/bu
NuTech	3T-294 VT3	11.9	189.0	25.6	46.7
Renk	RK434RRYGCB	11.6	183.6	25.3	45.4
Kruger	K-6388 VT3	11.3	179.0	24.4	47.0
REA	3R375	11.0	175.2	26.4	45.5
Seeds 2000	8801 VT3	11.0	174.3	25.2	46.8
Monsanto	DKC 36-34 VT3	10.8	171.9	22.9	47.6
NuTech	1B-183 CB/LL	10.7	170.6	27.5	45.6
Peterson Farms	56J86	10.6	168.2	25.3	44.4
Monsanto	DKC 38-89 VT3	10.6	167.9	29.6	43.8
Integra	9361 VT3	10.5	167.0	25.9	44.7
REA	3T544	10.5	167.0	28.2	47.5
Dairyland	ST-7790	10.4	166.1	27.0	45.7
NuTech	3C-889A RR/YGCB	10.4	164.7	31.0	44.6
Gold Country	89-09 R	10.4	164.6	25.8	45.2
Kruger	K-6385 VT3	10.3	164.2	20.9	50.0
NuTech	3C-889 RR/YGCB	10.3	164.1	28.0	43.5
Terning	TS 8167 CBLL	10.3	163.2	28.7	44.8
Kruger	K-6093 VT3	10.2	162.5	30.5	44.3
NuTech	1B-186 CB/LL	10.2	161.9	29.0	46.1
Kruger	K-6490 VT3	10.1	160.4	24.3	46.8
Wensman	W 7107VT3	10.1	160.1	31.0	43.3
Proseed	787 VT3	10.0	158.4	25.0	46.1
Gold Country	94-29 R	9.9	158.0	31.2	44.6
Peterson Farms	92L90	9.9	156.8	27.2	44.8
Hyland Seeds	Hyland HL CVR48	9.8	155.5	24.8	47.3
Monsanto	DKC 40-20 VT3	9.6	153.0	26.8	45.1
Kruger	K-2090 RR/YGCB	9.5	151.0	28.4	45.2
NuTech	1B-290 CB/LL	9.5	150.7	28.5	42.9

## 2009 NDSU CORN BREEDING EXPERIMENT 5

CASSELTON, ND

NuTech	3T-484 VT3	9.5	150.3	30.0	44.0
Wensman	W 7143VT3	9.4	149.8	28.0	45.5
Seeds 2000	2911 RR	9.4	149.2	29.1	42.5
Proseed	990 CB/LL	9.4	148.7	30.1	44.4
Wensman	W 7089VT3	9.3	148.1	29.5	44.1
Renk	RK501 VT3	9.3	147.4	32.9	44.0
Hyland Seeds	Hyland 08305B	9.1	145.1	29.6	45.0
Kruger	K-1286 RR	9.1	144.2	27.2	46.2
Dairyland	ST-9789	9.0	143.6	32.9	43.6
Terning	TS 8235 GTCBLL	9.0	143.4	31.5	46.1
Dairyland	ST-7891	9.0	143.3	29.5	44.9
Pioneer	Pioneer Brand 39N99	9.0	142.9	31.6	47.1
NuTech	3T-493 VT3	8.9	142.0	29.2	42.4
NuTech	3T-393 VT3	8.6	136.5	30.5	42.4
NuTech	3C-389 RR/YGCB	8.5	135.8	27.1	44.7
NuTech	1N-887 CB/LL/RW	8.5	135.7	29.5	43.4
Renk	RK570 VT3	8.5	134.9	34.3	43.0
Pioneer	Pioneer Brand 38M58	8.5	134.4	29.0	44.2
Integra	9422 VT3	8.4	134.2	27.6	43.8
Dairyland	ST-6992	8.4	133.4	29.1	43.7
NuTech	3T-390 VT3	8.4	133.2	30.5	44.5
REA	2T797	8.3	132.4	28.5	44.6
Renk	RK575 VT3	8.3	131.8	34.7	43.0
Terning	TS 8198 GTCBLL	8.3	131.7	32.3	43.0
REA	3T110	8.3	131.7	36.4	45.4
Proseed	793 CB/LL/GT	8.2	131.0	35.7	44.5
Pioneer	Pioneer Brand 39B23	8.2	130.8	26.5	46.3
Hyland Seeds	Hyland HL CVR36	8.2	130.7	28.4	45.0
Proseed	781 RRBT	8.2	130.1	32.0	44.3
Pioneer	Pioneer Brand 38H08	8.2	129.7	30.4	42.8
Renk	RK616 VT3	8.1	128.3	34.2	45.2
Terning	TS 8181 GTCBLL	8.0	127.0	34.5	43.7

CENTRAL ND

LOCATION 2

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CASSELTON, ND

Peterson Farms	68L91	7.9	126.3	30.7	42.9
Kruger	K-2381 RR/YGCB	7.9	125.0	27.9	46.0
Proseed	884 VT3	7.8	123.5	27.3	46.2
NuTech	3T-295 VT3	7.6	120.3	35.0	46.1
NuTech	3A-690 RR	6.9	109.7	38.7	42.7
Proseed	786 CB/LL/GT	6.7	106.8	32.4	44.1
Renk	RK563CBLLRW	5.9	93.5	43.6	39.9
	Mean	9.2	146.9	29.4	44.8
	CV	13.5	13.5	10.5	3.1
	LSD (0.05)	1.3	20.7	6.2	2.8

No Stand and Lodging Differences among Entries