NDSU Corn Hybrid Performance Trial

Company	Hybrid	RM	Grain Yield bu/A	PERF. INDEX PI	Grain Moisture %	Plant Density pl/A	Root Ldg %	Stalk Ldg %	Test Weight lb/bu
NuTech	3W-484 RR/YGRW	84	168.7	127.2	21.8	31969	0.0	3.8	50.3
Mycogen	2K154	83	160.9	122.5	21.5	31356	0.0	3.1	**56.7**
Garst	8906CB/LL	88	157.6	121.4	21.3	31050	0.0	4.2	53.3
Wensman	W5105Bt	90	157.4	111.7	23.0	31534	0.0	16.7	51.6
Peterson Seeds	PFS27L84	84	154.1	121.0	20.9	31534	0.0	15.1	49.9
NDSU Exp	X76209BLH	89	152.0	104.5	23.8	31969	0.0	21.0	51.5
Hyland	HLB264	85	150.8	124.0	20.0	31098	0.0	9.7	53.9
Wensman	W6082BtRR	80	148.6	115.2	21.2	31663	0.0	1.3	52.1
Wensman	W6087RR	86	147.8	116.3	20.9	30308	0.0	21.0	54.3
DeKalb	DKC38-33(RR2/YGCB)	88	147.5	106.9	22.6	31792	0.0	1.2	51.4
NuTech	1B-186 CB/LL	85	147.3	120.9	20.0	30485	0.0	22.4	53.2
Pioneer	39D85	85	147.1	112.1	21.5	31356	0.0	14.4	54.0
NuTech	3C-082 RR/YGCB	82	145.2	113.9	20.8	30921	0.0	15.7	53.0
NuTech	1B-887 CB/LL	86	142.7	114.4	20.4	31227	0.0	17.6	52.6
Proseed	781RR	81	142.5	112.1	20.8	30743	0.0	29.4	50.6
Garst	8925CB/LL	80	142.0	116.9	19.9	31663	0.0	0.0	54.6
Peterson Seeds	PFS56E85	85	139.4	103.8	22.0	30921	0.0	4.3	52.3
DeKalb	DKC33-11(RR2/YGCB)	83	139.0	108.3	21.0	31792	0.0	0.0	54.3
Kruger	2087RR/YGCB	87	136.7	109.5	20.5	31227	0.0	0.0	54.8
Mycogen	2J086	80	134.8	114.4	19.3	31792	0.0	**40.1**	53.8
Wensman	W6081RR	79	133.3	112.0	19.5	30921	0.0	7.4	54.9
Gold Country	85-02R	85	130.6	106.3	20.2	31356	0.0	0.0	54.6
Kruger	1082RR	82	130.3	98.1	21.8	31098	0.0	5.1	55.3
Proseed	678RR	78	129.3	103.5	20.3	30485	0.0	20.2	51.0
DeKalb	DKC33-72(RR2)	83	129.1	111.2	**18.4**	31227	0.0	10.8	**55.7**
Hyland	HLR228	85	129.0	105.8	20.0	31227	0.0	**42.0**	54.5
DeKalb	DKC35-51(RR2/YGCB)	85	128.4	104.4	20.4	31792	0.0	0.0	52.4
Terning	TS8D00	81	127.5	98.5	21.3	30566	0.0	6.5	50.8
Hyland	HLRX753	80	126.9	102.3	20.3	30743	**4.5**	16.8	50.4
Pioneer	39K19	85	123.9	95.9	21.0	31050	0.0	7.3	54.7
Gold Country	92-01CBR	92	123.3	85.8	23.6	30872	0.0	**35.3**	52.2
Mycogen	2P172	84	122.2	98.7	20.5	31534	**8.1**	8.8	54.2
Kruger	1087RR	87	121.2	99.7	20.0	30485	0.0	0.0	54.7
Kruger	1584RR	84	119.3	93.0	21.0	30485	0.0	24.4	54.3

NuTech	3A-389 RR	88	118.0	84.0	23.0	31792	0.0	16.1	51.6
Proseed	582Bt	82	117.4	95.3	20.2	30308	0.0	16.8	**55.7**
Renk	RK224RR	83	115.8	88.9	21.6	30614	0.0	6.5	54.5
Legend Seeds	LR9483RRYGT	83	114.9	94.6	19.9	31663	0.0	24.8	53.8
Proseed	581RRBtCRW	83	114.8	93.2	20.2	31356	0.0	23.3	53.9
Experimental	2017Bt	79	114.2	91.7	21.0	30614	0.0	15.0	**55.7**
NuTech	3A-383 RR	82	114.2	96.7	19.4	31098	0.0	4.2	53.1
Wensman	W6084BtRR	84	111.8	88.1	20.8	31050	0.0	1.6	53.8
Seeds 2000	2821RRBt	82	111.2	89.2	20.6	30485	0.0	10.3	53.5
Terning	TS8102RRYGCB	83	110.7	84.3	21.4	30921	0.0	0.0	53.1
Kruger	1090RR	86	110.5	86.4	21.0	30921	0.0	14.7	53.0
NuTech	3C-882 RR/YGCB	80	108.4	89.6	19.7	31227	0.0	7.1	53.4
Dairyland	Stealth 7184	84	108.4	83.7	21.2	30485	0.0	0.0	53.1
Legend Seeds	LR9584RB	84	107.3	85.9	20.5	30485	0.0	2.9	53.5
DeKalb	DKC35-18(RR2)	85	107.3	82.3	21.4	30179	0.0	20.8	53.4
Hyland	HLB256	80	104.8	81.7	21.0	31792	0.0	2.8	53.0
Peterson Seeds	PFS34M83	83	103.6	79.7	21.3	31969	0.0	6.3	53.8
NuTech	3C-883 RR/YGCB	82	103.0	85.4	19.8	31050	0.0	2.6	**57.2**
Wensman	W7087BtRWRR	86	100.8	81.7	20.3	31534	0.0	2.3	53.7
NuTech	3C-383 RR/YGCB	83	97.6	77.7	20.6	30179	0.0	7.6	54.3
Proseed	T81RRBt	81	96.5	74.5	21.2	31969	0.0	3.7	55.4
Peterson Seeds	PFS27T79	79	82.4	67.6	20.0	31969	0.0	10.5	51.3
Experiment	Mean		127.0	99.9	20.8	31142	0.2	11.2	53.4
LSD (0.05)			35.9		2.6	3005	3.1	29.2	2.6
CV			11.5		3.9	8	692.1	130.6	2.5

Planting Date 5/10/07
Harvest Date 10/17/07
Statistical Analysis Date 10/19/07
Experiment conducted by the NDSU Corn Breeding Program
Late hail did not cause significant damage
The Larimore trial was one of the most productive ones in history
RM = Relative maturity given by Industry. Sometimes it does not corresponds to moisture at harvest