

## Exp 4. State Hybrid Corn Performance Trial - Prosper 2008

East Central ND

		<b>Grain</b>	<b>Grain</b>	<b>Plant</b>	<b>Root</b>	<b>Stalk</b>	<b>Test</b>
<b>Company</b>	<b>Hybrid</b>	<b>Yield</b>	<b>Moisture</b>	<b>Density</b>	<b>Ldg.</b>	<b>Ldg.</b>	<b>Weight</b>
		(bu/A)	(%)	(Pl/A)	(%)	(%)	(lb/bu)
Dairyland	ST-9789	269.0	22.5	34849	1.2	3.6	56.2
Wensman	W7143VT3	262.3	23.1	34849	2.6	14.1	56.7
<b>Seeds 2000</b>	<b>8801VT3</b>	<b>262.1</b>	<b>22.1</b>	<b>34413</b>	<b>3.8</b>	<b>0.0</b>	<b>56.7</b>
Pioneer	38H08	260.9	23.9	32492	2.7	45.5	53.1
Kruger	K-2090RR/YGCB	251.7	22.0	32492	7.7	22.2	59.2
NuTech	3A-390RR	251.2	21.9	32492	5.6	35.2	52.7
Terning	TS8235GTCBLL	250.2	27.1	33977	1.3	34.2	55.0
Hyland	HLCVR44	249.6	22.1	32235	0.0	0.0	59.5
Gold country	92-03VT3	249.4	26.0	34849	0.0	29.7	54.1
Terning	TS8000RR/YGCB	249.1	25.4	32235	1.4	49.8	55.8
Proseed	786CBLLGT	248.9	21.1	32799	11.0	28.8	57.4
Renk	RK501YGCB	245.1	25.5	35720	3.8	7.4	55.2
Pioneer	39N99	244.9	25.7	35155	1.1	39.8	57.0
<b>NDSU</b>	<b>TR1017Bt x ND2000</b>	<b>244.5</b>	<b>20.7</b>	<b>31364</b>	<b>1.4</b>	<b>0.0</b>	<b>59.3</b>
Terning	TSEX93	244.3	26.9	32671	0.0	5.3	54.3
Kruger	K-1093RR	243.5	23.7	33977	0.0	11.8	54.6
Kruger	K-6093VT3	241.5	23.2	33542	0.0	17.9	55.3
Peterson	PFS56J86	241.2	22.5	32492	0.0	20.2	55.1
NuTech	3T-083VT3	240.0	20.9	33542	4.1	0.0	59.5
Kruger	K-1490RR	240.0	20.8	34413	2.9	19.7	59.8
Wensman	W7107VT3	239.2	23.1	33977	1.1	33.0	56.1
Renk	RK488RRYGPL	239.0	26.9	34849	2.5	24.6	56.4
NuTech	3T-388VT3	238.4	22.8	33977	1.2	3.7	55.3
Wensman	W7085VT3	237.3	20.8	34849	0.0	0.0	55.7
Kruger	K-1087RR	236.0	21.9	35254	2.2	14.6	57.6
Terning	TS8181GTCBLL	235.9	22.7	33057	22.2	10.6	56.0
NuTech	3A-887	234.5	25.3	32799	4.1	23.2	57.9
Wensman	W7118VT3	234.4	23.1	32928	4.2	30.7	57.6
Gold country	89-02R	234.4	21.6	33977	1.2	6.0	55.8
Renk	RK575VT3	234.1	23.8	33977	6.8	47.1	52.3
NuTech	3P-191RR/YGPL	232.6	24.8	34462	0.0	15.6	57.8
Renk	RK570VT3	231.6	22.3	32235	1.2	9.8	53.4
Renk	RK438RRYGPL	230.0	24.5	33186	4.7	25.0	57.9
NuTech	3T-393VT3	229.7	23.5	32671	6.3	20.1	55.8

Experiment Conducted by NDSU Corn Breeding Program

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Mycogen	2D326	229.5	24.7	33186	4.8	14.3	56.5
Gold country	87-01CB	229.0	21.2	33542	24.0	3.6	57.8
Peterson	PFS82L90	228.8	24.1	33186	4.4	58.1	54.7
REA	1817YGCB/RR2	228.6	21.6	33186	7.8	27.9	57.4
Proseed	581VT3	228.4	22.1	35284	0.0	0.0	58.5
Peterson	PFS56I92	228.0	25.1	32235	2.9	21.4	54.8
Wensman	W7087VT3	227.9	19.7	35155	11.1	11.4	58.2
Kruger	K-2086RR/YGCB	227.4	20.4	32235	11.1	15.4	57.0
Integra	9361RBC	227.3	21.9	32235	0.0	18.2	57.4
Pioneer	39B23	227.1	24.2	34413	1.3	8.9	56.6
Proseed	793CB/LL	226.5	24.6	32364	0.0	38.3	55.0
Proseed	787VT3	226.4	20.3	32492	10.8	24.2	57.6
Hyland	HLCBR34	223.1	21.1	32671	0.0	13.8	57.7
Mycogen	2P174	219.1	20.8	33057	4.5	4.4	58.8
NuTech	3A-095RR	217.2	25.0	32364	1.3	4.4	56.2
Hyland	HLCVR48	217.1	23.3	34898	2.3	9.1	57.3
Kruger	K-2087RR/YGCB	216.9	21.6	32492	1.4	33.1	58.0
NuTech	3T-484VT3	216.3	23.3	32671	0.0	4.1	57.0
Renk	RK584CBLL	215.5	29.7	34413	2.6	12.5	50.1
Kruger	K-1584RR	214.5	21.4	33106	6.8	23.5	59.4
Proseed	884VT3	214.1	21.7	32671	0.0	8.6	58.0
Dairyland	ST-7891	213.1	24.1	32364	6.9	29.2	53.7
Mycogen	2T220	211.7	21.8	33057	4.7	11.9	57.7
Kruger	K-5388YGCB	211.0	20.5	32364	33.9	10.8	59.1
NuTech	1N-887CB/LL/RW	208.7	24.0	32492	8.4	32.7	55.4
Integra	63F90RB	207.7	24.3	32235	5.4	17.6	57.4
Hyland	HLB34R	206.8	13.7	32364	2.8	11.1	58.6
REA	2B585	200.0	19.9	32364	19.5	7.4	58.4
Wensman	W7089VT3	199.7	24.4	33106	1.3	42.8	57.1
Seeds 2000	2872RR	199.0	23.7	32928	0.0	0.0	55.5
	MEAN	232.4	22.9	33342	4.5	18.2	56.5
	CV	10.7	7.2	8	117.8	99.7	3.1
	LSD	29.4	3.3	3715	10.6	36.3	3.6