

NDSU Main Station * North Dakota Agricultural Experiment Station

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Hybrid Corn Performance Trial (Exp 1) Larimore 2005

Company	Hybrid	Grain Yield	Perf. Index	Grain Moisture	Plant Density	Drop. Ears	Root Ldg.	Stalk Ldg.	Test Weight
		bu/A	PI	%	pl/A	%	%	%	Lb/bu
Pioneer	39D82	120.7	139.6	18.2	28307	0.0	1.7	4.8	53.8
Mycogen	2P172	113.6	132.9	18.4	30662	0.0	19.8	3.7	55.0
Proseed	582BT11	113.5	149.9	16.2	27436	0.0	0.0	3.2	54.4
Gold Country	GCS83-01CBR	111.3	130.3	18.0	30662	0.0	1.5	2.9	52.8
Proseed	S83BT	107.9	115.9	19.6	27872	0.0	67.2	0.0	52.3
Proseed	M80RR	105.7	119.5	18.7	30227	1.3	0.0	4.2	55.0
Nutech	NT-5383RR/YGCB	105.2	111.2	20.2	30356	0.0	14.3	0.0	53.7
Hyland	HLB264	103.6	112.7	19.4	26130	0.0	29.5	0.0	53.0
Hyland	HL2288	103.3	121.4	18.2	30920	0.0	27.8	11.4	53.4
Proseed	580BT11	100.0	118.4	17.8	29614	0.0	9.7	0.0	58.1
Wensman	W6086BtRR	99.9	107.2	19.7	31098	0.0	39.7	0.0	53.4
Pioneer	39F28	98.6	106.4	19.6	31662	0.0	25.4	0.0	54.1
Dairyland	Stealth-6685	98.1	113.3	18.2	30049	0.0	16.4	3.1	54.6
Wensman	W5081Bt	97.6	112.1	18.4	30920	0.0	1.4	4.3	53.3

Nutech	NT-3082RR	97.0	139.8	14.6	27952	0.0	8.0	0.0	53.8
NK Brand	N16-M1	96.0	117.0	17.4	30049	0.0	41.6	0.0	55.5
Gold Country	GCS78-03	93.3	106.4	18.5	30533	0.0	19.3	16.0	56.1
Proseed	T81BT	93.0	103.4	18.9	30049	0.0	19.6	0.0	54.6
Nutech	NT-3080RR	91.7	123.0	15.7	29178	0.0	0.0	7.3	53.8
Monsanto	DKC35-51(RR2/YGCB)	91.7	113.4	17.1	30049	0.0	7.2	0.0	54.4
AgSource	2661RR	91.3	125.5	15.4	27130	0.0	9.6	10.3	54.5
Wensman	W6083BtRR	91.0	102.3	19.0	27872	0.0	25.0	1.5	54.5
Wensman	W6085RR	90.5	108.4	18.7	27872	1.6	7.8	17.2	53.4
Peterson Farm	PFS24H82RR	90.1	127.0	15.3	30969	0.0	12.6	1.3	53.8
Gold Country	GCS83-02R	89.4	109.9	17.3	30049	0.0	59.0	11.5	54.2
Nutech	NT-3585RR	89.0	109.1	17.2	28743	0.0	22.1	1.3	55.1
Nutech	NT-3885RR	87.8	96.1	19.2	29178	0.0	25.7	1.7	53.0
Nutech	Ex82LL/Bt	85.3	92.0	19.5	27872	0.0	16.0	0.0	52.3
Monsanto	DKC33-11(RR2/YGCB)	84.6	88.4	20.8	33098	0.0	38.6	2.7	53.4
Legend	9483RB	83.4	83.0	21.2	32227	0.0	31.0	0.0	51.8
AgSource	2766RRCB	83.1	90.7	19.3	26646	0.0	23.1	0.0	52.2
Proseed	583	82.6	91.4	19.0	29614	0.0	1.6	12.5	55.7
Wensman	W6082BtRR	81.4	96.9	17.7	32098	0.0	7.8	0.0	53.5
Nutech	NT-5779RR/YGCB	80.8	83.9	20.3	30920	0.0	51.8	0.0	55.2
Monsanto	DKC35-02(RR2/YGCB)	80.3	93.0	18.3	28001	0.0	20.7	0.0	52.9

Proseed	XET83BT	79.9	90.3	18.7	31356	0.0	15.3	0.0	49.5
Nutech	NT-3883RR	78.9	90.8	18.9	29178	0.0	1.5	0.0	53.9
NK Brand	N03-D8	75.0	103.9	15.7	29178	0.0	23.1	0.0	57.6
Seeds2000	2821Bt	74.8	75.6	21.1	30049	0.0	43.5	0.0	50.5
Wensman	W5085Bt	74.3	88.2	17.9	28130	0.0	25.9	20.7	52.7
Wensman	W6081RR	73.9	82.6	18.9	31791	0.0	24.4	0.0	52.3
Dairyland	Stealth-1785	73.1	93.0	16.5	28307	0.0	16.9	0.0	53.5
Nutech	NT-3383RR	69.2	82.3	17.8	30920	0.0	6.3	0.0	52.5
Nutech	NT3979RR	69.2	76.1	19.7	30485	0.0	1.3	1.3	56.0
Wensman	W6080RR	68.2	82.1	17.5	28130	0.0	4.9	4.9	53.6
Mycogen	2J086	66.7	78.5	17.9	30920	0.0	10.0	2.6	52.5
Proseed	581RRBT	66.4	74.2	18.9	28743	0.0	77.6	0.0	53.7
NK Brand	N16-N7	62.4	72.9	18.1	28694	0.0	67.1	0.0	57.0
Wensman	W6077RR	60.4	61.1	20.9	28743	0.0	19.5	4.8	54.3
Peterson Farm	PFS28A80RR	55.2	55.9	20.6	33969	0.0	18.7	0.0	56.3
Experiment Mean		87.5	101.6	18.4	29692	0.1	21.2	3.1	53.7
LSD		22.5		1.6	4883	0.5	26.1	15.8	1.2
CV		16.7		6.7	11	704.0	93.8	254	3.3

Planting Date 05/11/05 Harvest date 10/25/05 Experiment conducted by NDSU corn breeding program

Good lodging pressure

[Go to Main Station 2005 Variety Trial Index \(http://www.ag.ndsu.nodak.edu/fargo/05data/index.htm\)](http://www.ag.ndsu.nodak.edu/fargo/05data/index.htm)

[Go to All Research Stations 2005 Variety Trial Index \(http://www.ag.ndsu.nodak.edu/aginfo/variety/index.htm\)](http://www.ag.ndsu.nodak.edu/aginfo/variety/index.htm)

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