



2005 Hybrid Corn Test Results: North Region (29,000 ppa)

Company-Brand	Hybrid	IST <sup>1</sup> GT <sup>2</sup>	Relative Maturity	Regional Results			Mt. Morris		DeKalb		Erie		2-yr Avg. bu/a	3-yr Avg. bu/a	DeKalb Grain Quality			
				Yield bu/a	Moisture %	% Erect Plants	Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %			Oil @0%	Protein @0%	Starch @0%	Extractable @0%
MERSCHMAN	M-512C-1	PL,CB	112	222	22.5	100	207	25.8	231	22.6	229	19.1	238		5.1	9.7	70.3	66.3
MERSCHMAN	M-605A-1	PL,CB	106	200	16.5	100	195	17.2	208	17.7	198	14.7		4.3	10.2	71.4	65.6	
MERSCHMAN	M-612D-1	PL,CB	112	220	21.5	99	207	25.1	233	21.8	218	17.5			5.1	9.9	70.0	65.7
MILLER	M56-55B	CL,CB	107	189	20.8	100	187	24.4	191	22.6	187	15.4			4.8	9.9	70.9	67.0
MILLER	M57-52L	CL	106	198	17.4	99	190	18.8	201	18.4	203	14.9			4.2	9.4	72.5	68.1
MILLER	M57-53H	CL,HX	107	224	19.0	100	219	21.5	231	20.0	221	15.6			4.8	10.3	70.8	65.8
MILLER	M58-54B	CL,CB	108	219	17.4	100	214	19.2	238	18.0	205	15.2			4.1	9.1	72.6	67.8
PARTNERS BRAND	X 510 CB	PL,CB	110	220	19.3	100	217	21.3	227	19.8	217	16.7			4.5	9.8	70.9	67.3
PARTNERS BRAND	X 511 CB	PL,CB	111	217	23.5	100	186	27.6	234	24.1	232	18.8			5.0	10.1	70.4	66.2
PIONEER	33A87	PH,HX	116	211	23.0	100	202	26.1	229	23.5	201	19.4			5.1	9.9	70.1	66.9
PIONEER	34A16	PH,HX	110	235	19.5	100	233	21.8	251	20.3	221	16.5			4.5	10.2	71.2	66.5
PIONEER	34N42	PH,HX	111	215	20.7	100	200	22.5	226	22.0	218	17.5	219		4.7	9.8	71.3	67.1
PRAIRIE	3074		104	211	17.8	98	201	18.9	223	19.2	208	15.4			4.4	9.7	71.9	66.8
PRAIRIE	6450	PL	111	225	18.9	99	214	20.8	245	19.0	217	16.7			4.9	9.6	70.5	66.6
PRAIRIE	7864	PL	111	203	19.1	99	190	20.7	212	19.8	208	17.0			4.5	10.2	71.5	65.8
PREMIUM	P231		108	235	23.9	100	229	26.9	242	23.4	235	21.3			5.0	9.9	70.5	66.1
RENK	RK 789 YGCB	CB	108	215	17.4	100	208	19.2	221	18.1	216	15.0	223	220	4.7	9.7	71.2	66.2
RENK	RK 806		110	206	17.3	98	195	18.7	218	18.6	205	14.7	218	217	4.3	9.3	72.0	67.8
RENK	RK 854		112	198	17.9	99	183	17.4	213	20.9	199	15.5			4.8	10.6	71.0	64.4
RENK	RK 854 YGCB	CB	112	210	18.3	100	191	20.5	228	18.7	211	15.7			4.9	10.6	70.8	64.5
RENK	RK 877 YGCB	CB	112	216	19.2	99	209	21.6	224	19.5	213	16.5	217		4.5	10.0	70.9	66.4
ROESCHLEY	RX 222	PL	108	214	18.8	99	196	20.5	228	19.8	217	16.1	219		4.6	10.1	70.8	66.0
ROESCHLEY	RX 407 CB	PL,CB	110	213	21.3	100	214	23.2	226	23.0	197	17.6			5.2	9.9	70.1	65.9
ROESCHLEY	RX 433	PL	110	206	19.9	98	188	21.4	226	21.2	205	17.1	220		5.2	10.1	70.0	65.0
ROESCHLEY	RX 483 BTRR	PL,CB	110	214	19.5	99	204	21.6	221	19.8	217	17.2			4.7	9.9	71.0	66.7
SIEBEN	2653 YGPL	PL,CR	105	215	17.5	100	218	18.0	214	19.1	213	15.5			4.5	9.0	72.3	66.8
SIEBEN	2681 YGPL	CR	108	211	17.0	100	200	17.9	218	18.5	214	14.7			4.5	10.0	71.1	66.0
SIEBEN	2693 YGPL	PL,CR	110	211	17.7	100	204	19.0	218	18.8	213	15.4			4.7	9.9	70.9	65.8
SIEBEN	2702 YGPL	PL,CR	110	204	20.7	100	202	23.9	215	21.3	195	16.9			4.8	10.8	70.3	65.5
SIEBEN	2721 YGPL	PL,CR	112	211	21.7	100	193	24.9	223	21.9	217	18.2			5.0	9.1	71.3	67.7
SIEBEN	3683 YGRW	PL,RW	108	212	17.5	98	211	18.7	226	19.1	200	14.6	215		4.5	9.4	71.5	67.9
SIEBEN	6675 YGCB	PL,CB	107	197	18.0	100	194	19.9	204	19.3	194	14.7			4.5	10.5	70.8	65.2
SIEBEN	6709 YGCB	PL,CB	109	205	20.5	100	184	23.9	220	21.0	211	16.6			5.0	10.9	70.2	63.9
SIEBEN	7716	PL	110	218	19.6	98	204	21.5	236	21.2	215	16.2			4.9	10.0	70.7	65.6
SIEBEN	7719	PL	112	196	19.5	99	189	20.8	204	20.4	196	17.3			4.4	10.3	71.8	65.4
TRELLAY	SP951	PL	110	214	18.7	99	201	20.1	231	19.6	209	16.5			4.3	10.6	71.2	65.1
TRISLER	2850CB	PL,CB	105	208	18.5	100	184	20.3	224	19.1	216	16.1			4.6	9.1	71.8	67.5
TRISLER	5130PLRR	PL,CR	107	202	19.6	100	200	22.1	218	20.6	188	16.0			4.7	10.0	71.1	65.9
TRISLER	5130RRCB	PL,CB	107	199	20.9	100	194	24.3	205	20.9	198	17.6			4.8	9.6	70.8	66.8
TRISLER	5337PLRR	PL,CR	113	206	24.8	100	181	29.3	232	24.0	206	21.2			5.0	9.5	70.8	67.7
VIGORO	V50Y51	CL,CB	110	222	19.4	99	215	21.5	228	19.7	223	16.8			4.4	10.1	71.3	66.5
VIGORO	V5160	PL	111	212	18.9	99	209	20.8	229	19.6	198	16.3			4.7	9.8	71.1	65.6
VIGORO	V51P42	CL,CR	110	211	18.1	100	201	19.3	227	19.7	203	15.3			4.7	9.9	70.8	65.9
WHATA	4373		108	198	16.1	99	185	17.0	210	16.9	200	14.3	212	210	4.3	10.3	71.1	66.0
WHATA	5079		109	202	18.3	98	188	19.6	216	19.1	200	16.1	217		4.7	10.5	70.7	65.0
WHATA	5319		106	210	16.8	99	202	17.6	223	18.1	205	14.8	218	215	4.6	9.4	71.5	66.5
WHATA	5656		107	209	17.3	100	209	19.2	208	18.4	209	14.4	217	214	4.3	9.4	72.0	68.1
WHATA	5717		110	219	19.0	99	200	19.9	238	20.1	218	17.0			4.9	9.6	70.4	67.0
WHATA	57B12		108	206	18.2	98	206	19.7	206	18.8	207	15.9			5.2	10.2	70.2	64.5
WHATA	5858		110	208	19.6	98	194	21.6	217	20.7	212	16.7			4.7	10.1	71.2	65.8
WHATA	5888		108	174	18.5	99	149	20.0	184	19.5	189	15.9	199	203	4.9	10.8	70.3	64.4
WHATA	6336		109	225	18.9	98	223	20.7	232	20.2	220	15.7	227	219	4.3	9.2	72.0	69.1
WHATA	6888		111	190	19.3	99	181	20.9	211	19.9	178	17.2			4.6	10.2	71.2	65.4
WHATA	7711		111	208	18.5	99	201	19.2	219	20.0	204	16.2			4.9	9.7	70.9	65.2
WHATA	77B22		111	190	20.2	97	197	20.7	195	20.6	177	19.2			5.4	9.6	70.2	65.8
	<b>Average</b>			<b>213</b>	<b>19.2</b>	<b>99</b>	<b>203</b>	<b>21.2</b>	<b>226</b>	<b>20.1</b>	<b>211</b>	<b>16.4</b>	<b>222</b>	<b>216</b>	<b>4.7</b>	<b>9.9</b>	<b>71.0</b>	<b>66.2</b>
	<b>L.S.D 25% Level</b>			<b>8</b>	<b>0.9</b>	<b>1</b>	<b>12</b>	<b>0.8</b>	<b>11</b>	<b>0.7</b>	<b>9</b>	<b>0.4</b>			<b>0.2</b>	<b>0.2</b>	<b>0.4</b>	<b>0.5</b>
	<b>CV (%)</b>			<b>7</b>	<b>8.5</b>	<b>2</b>	<b>6</b>	<b>3.8</b>	<b>5</b>	<b>3.7</b>	<b>5</b>	<b>2.5</b>			<b>3.6</b>	<b>2.4</b>	<b>0.7</b>	<b>0.7</b>

<sup>1</sup>Insecticide Seed Treatment: Cl = Cruiser® low rate, CH = Cruiser® hi rate, Gl = Gaucho® low rate, GH = Gaucho® hi rate, PL = Poncho 250®, PH = Poncho 1250®

<sup>2</sup>Genetic Traits: CB = Bt Corn Borer, HX = Bt Herclex™ I, RW = Bt Root Worm, CR = Bt Corn Borer + Bt Root Worm