

Grain Tests Results

Coastal Plain Region

Coastal Plain Region of Georgia: Summary of Corn Hybrid Performance, 2010

Company or Brand Name	Variety	Yield					
		Coastal Plain Average	Tifton Non-Irr.	Tifton Irrigated	Midville Irrigated	Plains Irrigated	Irrigated Average
		----- bu/acre -----					
Short-Season							
Pioneer	P1456HR	233.9	131.3	285.6	285.1	233.8	268.1
Terral-REV™	25HR39™	228.0	149.8	270.8	270.4	220.9	254.0
Dyna-Gro	57N73	227.7	142.4	270.0	268.5	230.1	256.2
Terral-REV™	25R19™	225.3	123.4	264.7	277.5	235.4	259.2
DeKalb	DKC64-69(GENVT3P)	222.1	153.3	260.8	245.8	228.6	245.1
DeKalb	DKC63-84(VT3)	214.7	137.2	262.3	244.2	215.4	240.6
Croplan Genetics	7131 VT3	209.9	136.2	258.4	226.3	218.6	234.4
Dyna-Gro	D55Q80	209.6	124.8	240.5	243.0	230.0	237.8
DeKalb	DKC62-97(GENVT3P)	209.0	134.6	255.3	222.9	223.3	233.8
AgraTech	1777	207.8	115.3	246.5	250.5	219.0	238.7
Dyna-Gro	58K02	205.0	143.1	238.3	218.4	220.1	225.6
Dyna-Gro	57V59	204.4	155.8	251.4	218.8	191.9	220.7
NK	N78N3000GT	202.6	115.9	248.0	233.5	213.1	231.5
NK	N77P3000GT	200.9	125.5	252.4	222.0	203.7	226.0
DeKalb	DKC62-54(VT3)	199.9	129.3	250.6	225.7	194.1	223.5
Croplan Genetics	6725 VT3 PRO	197.9	138.8	246.4	235.8	170.7	217.6
Dyna-Gro	V5373VT3	197.9	116.5	243.1	231.9	199.9	225.0
NK	N78B GT	195.9	118.1	235.9	223.6	205.9	221.8
<i>Average</i>		210.7 ¹	132.8	254.5	241.3	214.1	236.6 ²
<i>LSD at 10% Level</i>		30.5	23.7	13.7	18.1	19.2	9.8
<i>Std. Err. of Entry Mean</i>		13.0	10.0	5.8	7.6	8.2	4.2

Coastal Plain Region of Georgia: Summary of Corn Hybrid Performance, 2010 (Continued)

Company or Brand Name	Variety	Yield					
		Coastal Plain Average	Tifton Non-Irr.	Tifton Irrigated	Midville Irrigated	Plains Irrigated	Irrigated Average
----- bu/acre -----							
<u>Mid and Full-Season</u>							
Terral-REV™	28R10™	227.3	171.0	254.7	253.4	230.0	246.0
Pioneer	P2023HR	224.7	151.2	244.6	267.8	235.4	249.3
Terral-REV™	28HR20™	218.5	136.8	254.0	252.7	230.7	245.8
Terral-REV™	26HR50™	216.4	162.1	241.1	246.2	216.3	234.5
NK	N82V3000GT	214.7	156.1	237.8	247.4	217.6	234.3
Pioneer	31D58	214.3	148.8	241.5	250.8	216.1	236.1
MC	MC-630	211.1	139.2	234.3	254.7	216.2	235.0
Terral-REV™	28R30™	209.1	149.9	206.8	256.1	223.7	228.9
Pioneer	P1615HR	208.0	123.9	248.7	251.4	207.9	236.0
DeKalb	DKC67-21(GENVT3P)	204.1	137.4	221.8	247.8	209.3	226.3
Croplan Genetics	8505 VT3 PRO	204.1	147.3	211.9	245.0	212.1	223.0
NK	N78S CB/LL	203.2	147.7	225.4	227.9	211.7	221.6
Terral-REV™	28HR30™	202.2	123.7	232.7	254.0	198.4	228.4
Pioneer	31P42(HX1,LL,RR2)	199.8	139.2	227.0	222.6	210.3	220.0
Dyna-Gro	D56VP24	198.0	145.5	222.3	239.4	184.8	215.5
DeKalb	DKC68-05(GENVT3P)	196.8	146.1	217.9	224.4	198.8	213.7
DeKalb	DKC66-96(GENVT3P)	195.1	130.7	230.5	221.6	197.9	216.6
Golden Acres	27V01	194.5	147.3	209.9	230.9	190.0	210.2
Golden Acres	28V81	194.2	149.9	213.8	229.7	183.4	209.0
Croplan Genetics	851 VT3 PRO	194.0	148.0	225.1	234.9	168.0	209.3
Dyna-Gro	57GT60	193.6	115.8	221.6	235.0	202.1	219.6
AgraTech	825RR	193.4	151.9	218.3	216.3	187.3	207.3
DeKalb	DKC69-71(RR2/YGCB)	190.6	156.2	207.2	214.4	184.7	202.1
Croplan Genetics	8756 VT3	190.6	136.3	218.6	231.1	176.5	208.7
Dyna-Gro	V5683VT3	184.9	133.5	209.7	218.3	178.3	202.1
AgraTech	815CBLL	183.0	125.6	200.7	222.7	183.0	202.1
Dyna-Gro	58VP99	181.2	153.4	190.1	201.7	179.5	190.4
Dyna-Gro	58V69	178.9	121.1	184.1	207.3	202.9	198.1
MC	MC-590	177.9	127.2	228.0	212.1	144.5	194.9
Croplan Genetics	9009 RH	163.9	123.3	198.3	172.4	161.7	177.5
Dyna-Gro	58K02	.	132.3	.	229.7	205.9	.
<i>Average</i>		198.9 ³	141.2	222.6	232.9	198.9	218.1 ⁴
<i>LSD at 10% Level</i>		22.0	24.6	17.8	14.0	18.9	9.8
<i>Std. Err. of Entry Mean</i>		9.4	10.4	7.6	6.0	8.0	4.2

1. CV = 24.8%, and df for EMS = 225.
2. CV = 6.1%, and df for EMS = 153.
3. CV = 18.8%, and df for EMS = 390.
4. CV = 6.6%, and df for EMS = 267.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Tifton, Georgia: Short-Season Corn Hybrid Performance, 2010, Nonirrigated

Company or Brand Name	Hybrid Name	Yield ¹		Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %
		2010	2-Yr Avg bu/acre							3-Yr Avg
Dyna-Gro	57V59	155.8	.	.	.	.	15.2	.	55
DeKalb	DKC64-69(GENVT3P)	153.3	.	.	.	.	15.7	.	49
Terral-REV™	25HR39™	149.8	178.5	.	.	.	15.4	.	50
Dyna-Gro	58K02	143.1	.	.	.	.	16.5	.	51
Dyna-Gro	57N73	142.4	164.1	.	.	.	15.8	.	60
Croplan Genetics	6725 VT3 PRO	138.8	.	.	.	.	15.8	.	68
DeKalb	DKC63-84(VT3)	137.2	155.6	.	.	.	15.3	.	34
Croplan Genetics	7131 VT3	136.2	152.1	.	.	.	15.2	.	25
DeKalb	DKC62-97(GENVT3P)	134.6	.	.	.	.	15.1	.	85
Pioneer	P1456HR	131.3	.	.	.	.	15.8	.	38
DeKalb	DKC62-54(VT3)	129.3	127.2	.	.	.	14.2	.	23
NK	N77P3000GT	125.5	141.2	.	.	.	15.6	.	23
Dyna-Gro	D55Q80	124.8	.	.	.	.	16.6	.	37
Terral-REV™	25R19™	123.4	.	.	.	.	15.8	.	81
NK	N78B GT	118.1	.	.	.	.	16.0	.	73
Dyna-Gro	V5373VT3	116.5	148.3	129.3	.	.	16.0	.	11
NK	N78N3000GT	115.9	129.5	.	.	.	17.4	.	48
AgraTech	1777	115.3	130.2	.	.	.	15.9	.	53
<i>Average</i>		132.8 ⁴	147.4	129.3	.	.	15.7	.	48
<i>LSD at 10% Level</i>		23.7	28.5	-	.	.	1.1	.	33
<i>Std. Err. of Entry Mean</i>		10.0	12.0	-	.	.	0.4	.	14

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 15.1%, and df for EMS = 51.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: March 30, 2010.
 Harvested: August 12, 2010.
 Seeding Rate: 28,500 seeds/acre in 30" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = Medium, K = Medium, and pH = 6.3.
 Fertilization: 48 lb N, 65 lb P₂O₅, and 98 lb K₂O/acre as preplant; 143 lb N/acre as sidedress.
 Previous Crop: Peanuts
 Management: Subsoiled, bedded and rototilled; Atrazine, Prowl, Accent and Basagran used for weed control; Telone II used for nematode control; Lorsban used for insect control.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Tifton, Georgia: Mid-Season Corn Hybrid Performance, 2010, Nonirrigated

Company or Brand Name	Hybrid Name	Yield ¹		Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %
		2010	2-Yr Avg						
Terral-REV™	28R10™	171.0	.	.	.	.	16.9	.	58
Terral-REV™	26HR50™	162.1	151.6	.	.	.	16.3	.	40
DeKalb	DKC69-71(RR2/YGCB)	156.2	150.1	135.5	.	.	16.1	.	26
NK	N82V3000GT	156.1	164.8	.	.	.	15.4	.	26
Dyna-Gro	58VP99	153.4	.	.	.	.	14.5	.	72
AgraTech	825RR	151.9	151.0	.	.	.	15.2	.	45
Pioneer	P2023HR	151.2	.	.	.	.	15.2	.	60
Golden Acres	28V81	149.9	.	.	.	.	15.7	.	70
Terral-REV™	28R30™	149.9	134.4	.	.	.	17.3	.	48
Pioneer	31D58	148.8	146.9	133.4	.	.	16.0	.	65
Croplan Genetics	851 VT3 PRO	148.0	134.5	127.2	.	.	15.1	.	0
NK	N78S CB/LL	147.7	.	.	.	.	14.9	.	20
Golden Acres	27V01	147.3	.	.	.	.	15.4	.	13
Croplan Genetics	8505 VT3 PRO	147.3	.	.	.	.	14.9	.	46
DeKalb	DKC68-05(GENVT3P)	146.1	.	.	.	.	15.4	.	41
Dyna-Gro	D56VP24	145.5	.	.	.	.	15.6	.	8
MC	MC-630	139.2	.	.	.	.	15.1	.	39
Pioneer	31P42 (HX1,LL,RR2)	139.2	.	.	.	.	15.7	.	58
DeKalb	DKC67-21(GENVT3P)	137.4	.	.	.	.	16.4	.	26
Terral-REV™	28HR20™	136.8	152.6	.	.	.	16.1	.	55
Croplan Genetics	8756 VT3	136.3	142.6	127.0	.	.	16.1	.	26
Dyna-Gro	V5683VT3	133.5	.	.	.	.	14.6	.	36
Dyna-Gro	58K02	132.3	146.0	.	.	.	15.8	.	34
DeKalb	DKC66-96(GENVT3P)	130.7	.	.	.	.	14.3	.	52
MC	MC-590	127.2	129.9	.	.	.	16.2	.	11
AgraTech	815CBLL	125.6	.	.	.	.	14.3	.	8
Pioneer	P1615HR	123.9	.	.	.	.	16.8	.	38
Terral-REV™	28HR30™	123.7	.	.	.	.	17.7	.	28
Croplan Genetics	9009 RH	123.3	.	.	.	.	19.6	.	23
Dyna-Gro	58V69	121.1	130.4	.	.	.	16.5	.	57
Dyna-Gro	57GT60	115.8	.	.	.	.	14.3	.	23
<i>Average</i>		141.2 ⁴	144.6	130.8	.	.	15.8	.	37
<i>LSD at 10% Level</i>		24.6	N.S. ⁵	N.S.			0.8		22
<i>Std. Err. of Entry Mean</i>		10.4	11.5	9.9			0.6		9

Tifton, Georgia:
Mid-Season Corn Hybrid Performance, 2010, Nonirrigated
(Continued)

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 14.8%, and df for EMS = 90.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: March 30, 2010.

Harvested: August 12, 2010.

Seeding Rate: 26,500 seeds/acre in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 6.3.

Fertilization: 48 lb N, 65 lb P₂O₅, and 98 lb K₂O/acre as preplant; 143 lb N/acre as sidedress.

Previous Crop: Peanuts

Management: Subsoiled, bedded and rototilled; Atrazine, Prowl, Accent and Basagran used for weed control; Telone II used for nematode control; Lorsban used for insect control.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Tifton, Georgia: Short-Season Corn Hybrid Performance, 2010, Irrigated

Company or Brand Name	Hybrid Name	Yield ¹		Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %	
		2010	2-Yr Avg bu/acre							3-Yr Avg
Pioneer	P1456HR	285.6	.	.	100	0.51	1.0	19.2	32779	99
Terral-REV™	25HR39™	270.8	259.6	.	99	0.52	1.0	18.4	30383	98
Dyna-Gro	57N73	270.0	263.0	.	100	0.51	1.0	19.0	31254	93
Terral-REV™	25R19™	264.7	.	.	99	0.52	1.0	18.3	30150	100
DeKalb	DKC63-84(VT3)	262.3	247.5	.	100	0.47	2.0	17.3	32126	99
DeKalb	DKC64-69(GENVT3P)	260.8	.	.	96	0.52	1.0	18.6	30165	99
Croplan Genetics	7131 VT3	258.4	247.6	.	100	0.50	1.0	19.1	30385	100
DeKalb	DKC62-97(GENVT3P)	255.3	.	.	100	0.46	1.0	17.4	31581	100
NK	N77P3000GT	252.4	241.8	.	100	0.48	1.0	19.3	30710	99
Dyna-Gro	57V59	251.4	.	.	99	0.48	1.0	17.0	30275	99
DeKalb	DKC62-54(VT3)	250.6	236.5	.	101	0.46	1.0	17.1	30492	100
NK	N78N3000GT	248.0	231.6	.	100	0.53	1.0	20.2	27987	98
AgraTech	1777	246.5	249.1	.	100	0.51	1.0	18.3	28314	98
Croplan Genetics	6725 VT3 PRO	246.4	.	.	102	0.46	1.0	17.9	30165	99
Dyna-Gro	V5373VT3	243.1	233.2	232.9	100	0.47	2.0	19.9	30274	98
Dyna-Gro	D55Q80	240.5	.	.	100	0.48	1.0	21.5	30492	100
Dyna-Gro	58K02	238.3	.	.	99	0.52	1.0	21.2	27987	100
NK	N78B GT	235.9	.	.	100	0.44	1.0	19.2	31690	100
<i>Average</i>		254.5 ⁴	245.5	232.9	100	0.49	1.1	18.8	30401	99
<i>LSD at 10% Level</i>		13.7	9.4	-	2	0.02	-	5.0	1340	N.S. ⁵
<i>Std. Err. of Entry Mean</i>		5.8	4.0	-	1	0.01	-	0.2	565	1

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 4.5%, and df for EMS = 51.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: March 29, 2010.
 Harvested: August 6, 2010.
 Seeding Rate: 33,500 seeds/acre in 30" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = High, K = Medium, and pH = 6.4.
 Fertilization: 87 lb N, 126 lb P₂O₅, and 213 lb K₂O/acre as preplant; 274 lb N/acre as sidedress.
 Previous Crop: Soybeans.
 Management: Subsoiled, bedded and rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone li used for nematode control; irrigated 7.0 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Tifton, Georgia: Mid-Season Corn Hybrid Performance, 2010, Irrigated

Company or Brand Name	Hybrid Name	Yield ¹			Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %
		2010	2-Yr Avg	3-Yr Avg						
Terral-REV™	28R10™	254.7	.	.	102	0.53	2.0	19.7	27661	100
Terral-REV™	28HR20™	254.0	259.1	.	103	0.55	1.0	19.9	26572	100
Pioneer	P1615HR	248.7	.	.	100	0.52	1.0	19.2	28205	100
Pioneer	P2023HR	244.6	.	.	99	0.54	1.0	19.4	26681	100
Pioneer	31D58	241.5	248.8	251.4	104	0.51	1.0	19.3	26899	100
Terral-REV™	26HR50™	241.1	236.8	.	97	0.57	1.0	19.4	25592	99
NK	N82V3000GT	237.8	248.7	.	98	0.54	2.0	18.6	25918	100
MC	MC-630	234.3	.	.	101	0.50	1.0	18.9	26790	97
Terral-REV™	28HR30™	232.7	.	.	101	0.51	1.0	22.4	27334	100
DeKalb	DKC66-96(GENVT3P)	230.5	.	.	98	0.48	2.0	18.2	28641	100
MC	MC-590	228.0	217.3	.	95	0.54	1.0	19.6	26471	95
Pioneer	31P42 (HX1,LL,RR2)	227.0	.	.	100	0.52	2.0	18.9	25592	100
NK	N78S CB/LL	225.4	.	.	101	0.50	2.0	19.4	26245	100
Croplan Genetics	851 VT3 PRO	225.1	232.0	236.3	96	0.53	1.0	19.0	25918	100
Dyna-Gro	D56VP24	222.3	.	.	97	0.53	1.0	18.6	25156	97
DeKalb	DKC67-21(GENVT3P)	221.8	.	.	98	0.48	1.0	20.1	27878	100
Dyna-Gro	57GT60	221.6	.	.	98	0.50	1.0	18.6	26354	100
Croplan Genetics	8756 VT3	218.6	225.7	231.8	97	0.48	2.0	20.7	28314	98
AgraTech	825RR	218.3	220.5	.	101	0.47	1.0	18.8	26898	100
DeKalb	DKC68-05(GENVT3P)	217.9	.	.	103	0.48	1.0	19.5	25701	100
Golden Acres	28V81	213.8	.	.	102	0.48	2.0	18.7	25374	100
Croplan Genetics	8505 VT3 PRO	211.9	.	.	103	0.44	1.0	19.4	27443	99
Golden Acres	27V01	209.9	.	.	96	0.52	2.3	19.1	24612	98
Dyna-Gro	V5683VT3	209.7	.	.	96	0.48	1.0	17.6	26245	98
DeKalb	DKC69-71(RR2/YGCB)	207.2	215.7	227.2	101	0.45	1.0	21.0	27007	100
Terral-REV™	28R30™	206.8	230.4	.	100	0.48	1.0	21.4	26027	98
AgraTech	815CBLL	200.7	.	.	98	0.46	1.0	18.7	25701	98
Croplan Genetics	9009 RH	198.3	.	.	99	0.47	1.0	23.0	26187	99
Dyna-Gro	58VP99	190.1	.	.	99	0.46	1.0	18.7	24612	100
Dyna-Gro	58V69	184.1	203.4	.	96	0.43	1.0	20.3	26898	97
<i>Average</i>		222.6 ⁴	230.8	236.7	99	0.50	1.3	19.5	26497	99
<i>LSD at 10% Level</i>		17.8	13.2	14.1	4	0.04	-	0.6	1532	2
<i>Std. Err. of Entry Mean</i>		7.6	5.6	5.9	2	0.02	-	0.3	652	1

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 6.8%, and df for EMS = 87.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: March 29, 2010.

Harvested: August 6, 2010.

Seeding Rate: 30,000 seeds/acre in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 6.4.

Fertilization: 87 lb N, 126 lb P₂O₅, and 213 lb K₂O/acre as preplant; 274 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Subsoiled, bedded and rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone II used for nematode control; irrigated 7.0 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Tifton, Georgia: Preliminary Corn Hybrid Performance, 2010, Irrigated

Company or Brand Name	Hybrid Name	Yield ¹		Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %	
		2010	2-Yr Avg bu/acre							3-Yr Avg
Terral-REV™	28HR20™	267.3	.	.	101	0.57	1.5	20.3	27770	100
Pioneer	P1456HR	257.1	.	.	104	0.55	1.0	19.5	26572	95
Pioneer	P2023HR	256.8	.	.	102	0.55	2.0	18.9	27007	100
Terral-REV™	28R10™	254.3	.	.	101	0.55	1.5	19.0	26572	100
Terral-REV™	26HR50™	253.2	.	.	100	0.58	1.5	20.3	26245	100
Terral-REV™	25HR39™	250.0	.	.	102	0.55	1.5	18.2	25918	100
DeKalb	DKC68-05(GENVT3P)	243.9	.	.	103	0.51	1.5	19.2	27334	100
NK	N78S CB/LL	237.8	.	.	100	0.53	1.0	18.4	26245	98
DeKalb	DKC64-69(GENVT3P)	235.3	.	.	95	0.56	2.0	18.0	25483	97
AgraTech	X853	227.5	.	.	100	0.45	1.5	18.4	29730	100
Greenwood	EX 3280 RR	224.5	223.6	221.1	101	0.5	1.0	20.3	26681	93
Dyna-Gro	V5373VT3	223.6	.	.	99	0.52	1.5	20.0	25781	97
Dyna-Gro	58VP99	214.3	.	.	99	0.47	1.5	17.9	26354	100
Greenwood	GW 3451 RR	213.4	.	.	98	0.51	2.0	18.7	24938	83
AgraTech	X925RR	213.3	.	.	99	0.49	1.5	19.4	25701	100
Greenwood	GW 3515 RR	198.8	.	.	101	0.51	1.5	18.6	22296	97
Average		235.7 ⁴	223.6	221.1	100	0.52	1.5	19.1	26289	97
LSD at 10% Level		18.0	-	-	4	0.04	N.S. ⁵	0.6	1336	N.S.
Std. Err. of Entry Mean		7.6	-	-	2	0.02	0.2	0.3	562	4

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 6.4%, and df for EMS = 45.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: March 29, 2010.
 Harvested: August 6, 2010.
 Seeding Rate: 30,000 seeds/acre in 30" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = High, K = Medium, and pH = 6.4.
 Fertilization: 87 lb N, 126 lb P₂O₅, and 213 lb K₂O/acre as preplant; 274 lb N/acre as sidedress.
 Previous Crop: Soybeans.
 Management: Subsoiled, bedded and rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone li used for nematode control; irrigated 7.0 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia: Short-Season Corn Hybrid Performance, 2010, Irrigated

Company or Brand Name	Hybrid Name	Yield ¹		Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %
		2-Yr Avg 2010	3-Yr Avg						
Terral-REV™	25R19™	235.4	.	.	.	.	15.8	.	76
Pioneer	P1456HR	233.8	.	.	.	.	15.9	.	99
Dyna-Gro	57N73	230.1	180.5	.	.	.	16.4	.	98
Dyna-Gro	D55Q80	230.0	.	.	.	.	18.0	.	90
DeKalb	DKC64-69(GENVT3P)	228.6	.	.	.	.	16.8	.	51
DeKalb	DKC62-97(GENVT3P)	223.3	.	.	.	.	15.0	.	98
Terral-REV™	25HR39™	220.9	184.3	.	.	.	16.7	.	81
Dyna-Gro	58K02	220.1	.	.	.	.	17.8	.	65
AgraTech	1777	219.0	177.4	.	.	.	15.8	.	91
Croplan Genetics	7131 VT3	218.6	174.9	.	.	.	15.5	.	52
DeKalb	DKC63-84(VT3)	215.4	154.4	.	.	.	14.7	.	93
NK	N78N3000GT	213.1	167.5	.	.	.	18.9	.	73
NK	N78B GT	205.9	.	.	.	.	17.3	.	90
NK	N77P3000GT	203.7	156.6	.	.	.	16.5	.	29
Dyna-Gro	V5373VT3	199.9	153.1	166.4	.	.	17.2	.	39
DeKalb	DKC62-54(VT3)	194.1	163.6	.	.	.	15.9	.	95
Dyna-Gro	57V59	191.9	.	.	.	.	15.0	.	98
Croplan Genetics	6725 VT3 PRO	170.7	.	.	.	.	15.2	.	70
<i>Average</i>		214.1 ⁴	168.0	166.4	.	.	16.4	.	77
<i>LSD at 10% Level</i>		19.2	N.S. ⁵	-			0.8		26
<i>Std. Err. of Entry Mean</i>		8.2	9.7	-			0.4		11

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 7.6%, and df for EMS = 51.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 1, 2010.
 Harvested: August 17, 2010.
 Seeding Rate: 33,500 seeds/acre in 30" rows.
 Soil Type: Greenville sandy loam.
 Soil Test: P = High, K = Very High, and pH = 6.4.
 Fertilization: 25 lb N, 100 lb P₂O₅, and 100 lb K₂O/acre as preplant; 200 lb N/acre as sidedress.
 Previous Crop: Soybeans.
 Management: Subsoiled, bedded and rototilled; Prowl and Atrazine used for weed control; Lorsban used for insect control; irrigated 13.0 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Plains, Georgia: Mid-Season Corn Hybrid Performance, 2010, Irrigated

Company or Brand Name	Hybrid Name	Yield ¹		Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %
		2010	2-Yr Avg bu/acre							3-Yr Avg
Pioneer	P2023HR	235.4	.	.	.	.	16.2	.	85
Terral-REV™	28HR20™	230.7	196.7	.	.	.	16.5	.	95
Terral-REV™	28R10™	230.0	.	.	.	.	15.4	.	95
Terral-REV™	28R30™	223.7	187.9	.	.	.	18.3	.	76
NK	N82V3000GT	217.6	189.4	.	.	.	17.0	.	89
Terral-REV™	26HR50™	216.3	185.4	.	.	.	16.9	.	58
MC	MC-630	216.2	.	.	.	.	16.0	.	80
Pioneer	31D58	216.1	180.6	188.1	.	.	16.3	.	95
Croplan Genetics	8505 VT3 PRO	212.1	.	.	.	.	14.8	.	95
NK	N78S CB/LL	211.7	.	.	.	.	16.0	.	87
Pioneer	31P42 (HX1,LL,RR2)	210.3	.	.	.	.	16.2	.	83
DeKalb	DKC67-21(GENVT3P)	209.3	.	.	.	.	16.4	.	65
Pioneer	P1615HR	207.9	.	.	.	.	16.2	.	49
Dyna-Gro	58K02	205.9	169.8	.	.	.	17.3	.	88
Dyna-Gro	58V69	202.9	165.6	.	.	.	17.8	.	100
Dyna-Gro	57GT60	202.1	.	.	.	.	16.5	.	76
DeKalb	DKC68-05(GENVT3P)	198.8	.	.	.	.	15.4	.	95
Terral-REV™	28HR30™	198.4	.	.	.	.	17.6	.	58
DeKalb	DKC66-96(GENVT3P)	197.9	.	.	.	.	15.7	.	65
Golden Acres	27V01	190.0	.	.	.	.	14.9	.	90
AgraTech	825RR	187.3	174.3	.	.	.	14.8	.	83
Dyna-Gro	D56VP24	184.8	.	.	.	.	15.1	.	28
DeKalb	DKC69-71(RR2/YGCB)	184.7	161.4	180.5	.	.	16.0	.	55
Golden Acres	28V81	183.4	.	.	.	.	15.2	.	78
AgraTech	815CBLL	183.0	.	.	.	.	17.0	.	80
Dyna-Gro	58VP99	179.5	.	.	.	.	16.4	.	95
Dyna-Gro	V5683VT3	178.3	.	.	.	.	14.0	.	58
Croplan Genetics	8756 VT3	176.5	142.0	158.8	.	.	16.1	.	69
Croplan Genetics	851 VT3 PRO	168.0	136.6	157.1	.	.	15.3	.	23
Croplan Genetics	9009 RH	161.7	.	.	.	.	20.5	.	63
MC	MC-590	144.5	129.3	.	.	.	16.6	.	15
<i>Average</i>		198.9 ⁴	168.3	171.1	.	.	16.3	.	73
<i>LSD at 10% Level</i>		18.9	15.1	14.6			1.0		23
<i>Std. Err. of Entry Mean</i>		8.0	6.4	6.0			0.4		10

Plains, Georgia:
Mid-Season Corn Hybrid Performance, 2010, Irrigated
(Continued)

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 8.1%, and df for EMS = 90.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 1, 2010.

Harvested: August 17, 2010.

Seeding Rate: 30,000 seeds/acre in 30" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = High, K = Very High, and pH = 6.4.

Fertilization: 25 lb N, 100 lb P₂O₅, and 100 lb K₂O/acre as preplant; 200 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Subsoiled, bedded and rototilled; Prowl and Atrazine used for weed control; Lorsban used for insect control; irrigated 13.0 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Midville, Georgia: Short-Season Corn Hybrid Performance, 2010, Irrigated

Company or Brand Name	Hybrid Name	Yield ¹		Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %
		2010	2-Yr Avg bu/acre							3-Yr Avg
Pioneer	P1456HR	285.1	.	.	.	.	17.9	.	97
Terral-REV™	25R19™	277.5	.	.	.	.	16.4	.	97
Terral-REV™	25HR39™	270.4	265.8	.	.	.	16.9	.	94
Dyna-Gro	57N73	268.5	247.8	.	.	.	17.1	.	84
AgraTech	1777	250.5	264.3	.	.	.	17.2	.	88
DeKalb	DKC64-69(GENVT3P)	245.8	.	.	.	.	17.6	.	94
DeKalb	DKC63-84(VT3)	244.2	230.1	.	.	.	16.0	.	94
Dyna-Gro	D55Q80	243.0	.	.	.	.	18.4	.	80
Croplan Genetics	6725 VT3 PRO	235.8	.	.	.	.	17.1	.	76
NK	N78N3000GT	233.5	229.3	.	.	.	19.4	.	70
Dyna-Gro	V5373VT3	231.9	236.5	225.8	.	.	18.5	.	62
Croplan Genetics	7131 VT3	226.3	227.0	.	.	.	17.0	.	80
DeKalb	DKC62-54(VT3)	225.7	216.0	.	.	.	16.9	.	76
NK	N78B GT	223.6	.	.	.	.	18.2	.	100
DeKalb	DKC62-97(GENVT3P)	222.9	.	.	.	.	15.9	.	100
NK	N77P3000GT	222.0	231.9	.	.	.	19.2	.	24
Dyna-Gro	57V59	218.8	.	.	.	.	16.9	.	97
Dyna-Gro	58K02	218.4	.	.	.	.	17.7	.	81
<i>Average</i>		241.3 ⁴	238.7	225.8	.	.	17.5	.	83
<i>LSD at 10% Level</i>		18.1	N.S. ⁵	-	.	.	1.5	.	21
<i>Std. Err. of Entry Mean</i>		7.6	6.4	-	.	.	0.6	.	9

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 6.3%, and df for EMS = 51.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 6-7, 2010.
 Harvested: August 25, 2010.
 Seeding Rate: 32,500 seeds/acre in 30" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = Medium, K = High, and pH = 6.5.
 Fertilization: 100 lb N, 160 lb P₂O₅, and 200 lb K₂O/acre as preplant; 166 lb N/acre as sidedress.
 Previous Crop: Soybeans.
 Management: Subsoiled, bedded and field conditioned; Atrazine, Accumen and Accent used for weed control; Telone II used for nematode control; irrigated 8.0 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Midville, Georgia: Mid-Season Corn Hybrid Performance, 2010, Irrigated

Company or Brand Name	Hybrid Name	Yield ¹			Ears/ 100 Plants	Ear Grain Wt. lb	Grain Quality ² rating	Grain Moist. ³ %	Plant Pop. no.	Erect Plants %
		2010	2-Yr Avg	3-Yr Avg						
Pioneer	P2023HR	267.8	.	.	.	.	17.1	.	100
Terral-REV™	28R30™	256.1	257.6	.	.	.	18.4	.	94	
MC	MC-630	254.7	.	.	.	.	16.3	.	97
Terral-REV™	28HR30™	254.0	.	.	.	.	18.9	.	87
Terral-REV™	28R10™	253.4	.	.	.	.	17.0	.	100
Terral-REV™	28HR20™	252.7	242.3	.	.	.	17.0	.	100	
Pioneer	P1615HR	251.4	.	.	.	.	17.3	.	97
Pioneer	31D58	250.8	256.3	242.8	.	.	16.9	.	100	
DeKalb	DKC67-21(GENVT3P)	247.8	.	.	.	.	17.7	.	97
NK	N82V3000GT	247.4	243.8	.	.	.	17.1	.	90	
Terral-REV™	26HR50™	246.2	243.3	.	.	.	17.4	.	97	
Croplan Genetics	8505 VT3 PRO	245.0	.	.	.	.	15.8	.	94
Dyna-Gro	D56VP24	239.4	.	.	.	.	15.7	.	74
Dyna-Gro	57GT60	235.0	.	.	.	.	17.0	.	94
Croplan Genetics	851 VT3 PRO	234.9	234.4	223.6	.	.	15.9	.	74	
Croplan Genetics	8756 VT3	231.1	234.6	226.6	.	.	17.5	.	90	
Golden Acres	27V01	230.9	.	.	.	.	15.9	.	100
Dyna-Gro	58K02	229.7	221.5	.	.	.	17.3	.	100	
Golden Acres	28V81	229.7	.	.	.	.	15.9	.	97
NK	N78S CB/LL	227.9	.	.	.	.	16.8	.	80
DeKalb	DKC68-05(GENVT3P)	224.4	.	.	.	.	16.6	.	100
AgraTech	815CBLL	222.7	.	.	.	.	17.3	.	100
Pioneer	31P42 (HX1,LL,RR2)	222.6	.	.	.	.	16.4	.	97
DeKalb	DKC66-96(GENVT3P)	221.6	.	.	.	.	16.6	.	90
Dyna-Gro	V5683VT3	218.3	.	.	.	.	15.7	.	94
AgraTech	825RR	216.3	223.2	.	.	.	15.8	.	97	
DeKalb	DKC69-71(RR2/YGCB)	214.4	215.2	212.7	.	.	17.9	.	87	
MC	MC-590	212.1	213.5	.	.	.	16.5	.	80	
Dyna-Gro	58V69	207.3	222.5	.	.	.	17.4	.	100	
Dyna-Gro	58VP99	201.7	.	.	.	.	15.5	.	97
Croplan Genetics	9009 RH	172.4	.	.	.	.	19.7	.	90
<i>Average</i>		232.9 ⁴	234.0	226.4	.	.	16.9	.	93	
<i>LSD at 10% Level</i>		14.0	13.0	14.7			0.4		12	
<i>Std. Err. of Entry Mean</i>		6.0	5.5	6.1			0.2		5	

Midville, Georgia: Mid-Season Corn Hybrid Performance, 2010, Irrigated (Continued)

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 5.1%, and df for EMS = 90.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 6-7, 2010.

Harvested: August 25, 2010.

Seeding Rate: 32,500 seeds/acre in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Medium, K = High, and pH = 6.5.

Fertilization: 100 lb N, 160 lb P₂O₅, and 200 lb K₂O/acre as preplant; 166 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Subsoiled, bedded and field conditioned; Atrazine, Accumen and Accent used for weed control; Telone II used for nematode control; irrigated 8.0 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.