

Grain Tests Results

Coastal Plain Region

Coastal Plain Region of Georgia: Summary of Corn Hybrid Performance, 2011

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	216.7	78.9	254.6	310.9	222.2	262.6
Mycogen	2T784	216.4	101.2	246.8	307.5	210.0	254.8
T. A. Seeds	TA765-00	214.2	112.5	240.2	286.5	217.6	248.1
Mycogen	2V715	212.3	113.9	247.1	282.9	205.2	245.1
Dyna-Gro	57N73	207.9	93.3	236.0	293.5	208.9	246.1
Croplan Genetics	7131 VT3	206.9	108.2	235.5	275.6	208.5	239.9
DeKalb	DKC64-69(GENVT3P)	206.9	108.3	259.6	267.0	192.6	239.7
Mycogen	2T832	206.0	105.2	241.0	288.8	189.0	239.6
Mycogen	2A787	204.1	106.4	220.8	289.4	199.7	236.6
NK Brand	N77P 3111	202.9	95.9	254.4	243.0	218.4	238.6
T. A. Seeds	TA780-13V	201.7	95.1	250.0	280.9	180.9	237.3
T. A. Seeds	TA717-20	200.6	96.7	227.8	269.9	207.9	235.2
Southern States	SS 684 GENSS	199.0	87.3	236.2	269.5	203.0	236.2
Terral-REV™	25HR39™	198.4	66.8	250.0	276.0	200.9	242.3
NK Brand	N79Z GTCBLL	198.1	72.2	229.7	292.3	198.3	240.1
Dyna-Gro	D55Q80	198.0	83.4	230.4	271.9	206.3	236.2
T. A. Seeds	TA790-19	194.8	103.7	223.0	254.0	198.7	225.2
Terral-REV™	25R19™	193.6	60.8	244.9	264.1	204.5	237.8
Mycogen	2V738	193.5	77.2	228.0	274.5	194.3	232.3
DeKalb	DKC65-19	193.1	85.1	247.8	257.2	182.4	229.1
AgraTech	1777	192.1	100.6	247.5	235.2	185.2	222.7
NK Brand	N72F 3000GT	191.9	85.4	232.1	270.0	180.4	227.5
T. A. Seeds	TA778-28	191.5	96.9	230.9	249.5	188.7	223.0
T. A. Seeds	TA789-20	181.4	80.6	189.1	263.4	192.5	215.0
Dyna-Gro	57V59	178.6	96.0	213.8	236.4	168.2	206.1
<i>Average</i>		200.0	92.5	236.7	272.4	198.6	235.9
<i>LSD at 10% Level</i>		37.0	N.S. ¹	25.1	23.6	17.4	12.8
<i>Std. Err. of Entry Mean</i>		15.8	15.4	10.7	10.1	7.4	5.5

Coastal Plain Region of Georgia: Summary of Corn Hybrid Performance, 2011 (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>							
Pioneer	P2023HR	217.3	85.9	288.6	261.3	233.4	261.1
Pioneer	P2088HR	209.7	86.1	265.7	271.0	216.1	250.9
Terral-REV™	28HR29™	209.3	70.6	281.9	264.9	219.7	255.5
Terral-REV™	28HR20™	207.4	83.5	266.7	254.0	225.2	248.6
Terral-REV™	28HR30™	205.0	67.2	287.0	257.1	208.6	250.9
Terral-REV™	28R10™	204.3	64.5	268.5	268.4	215.8	250.9
NK	N82V3000GT	204.0	82.6	261.8	259.7	212.0	244.5
Pioneer	P1814HR	203.6	77.2	273.2	262.2	201.9	245.8
NK Brand	N78S 3111	202.5	105.0	268.7	247.0	189.3	235.0
Pioneer	31D58	197.8	73.4	265.9	244.7	207.2	239.2
Golden Acres	27V01	197.7	97.1	259.2	244.4	190.3	231.3
Croplan Genetics	851 VT3 PRO	197.3	90.8	252.0	265.2	181.4	232.9
DeKalb	DKC68-05(GENV3P)	195.9	83.6	283.8	237.8	178.5	233.4
Pioneer	31P42(HX1 LL RR2)	195.1	74.0	253.6	248.3	204.5	235.5
Terral-REV™	27HR52™	194.4	72.2	259.0	257.3	189.0	235.1
Dyna-Gro	D58VP30	194.4	65.3	277.0	242.9	192.2	237.4
Terral-REV™	26HR50™	194.3	63.7	270.5	260.6	182.5	237.9
Terral-REV™	26HR22™	193.8	62.5	258.2	252.6	201.9	237.6
Dyna-Gro	D56VP24	193.6	98.5	248.3	240.7	186.9	225.3
Southern States	SS 851 GENVT3PRO	193.3	81.2	257.6	243.5	190.8	230.6
Terral-REV™	27HR32™	192.3	52.2	275.4	245.6	195.9	239.0
Croplan Genetics	8756 VT3	189.8	81.5	263.4	237.5	176.7	225.8
Southern States	SS 788 GENVT3PRO	189.2	100.9	230.4	228.9	196.7	218.6
Terral-REV™	26HR82™	188.6	70.6	250.6	242.9	190.2	227.9
DeKalb	DKC69-29	187.6	82.8	250.0	239.0	178.4	222.5
Dyna-Gro	D56VP69	186.7	74.6	254.3	231.4	186.5	224.1
Croplan Genetics	8410 VT3 PRO	185.3	103.3	245.5	232.8	159.4	212.6
Dyna-Gro	D56VP10	185.0	103.3	241.6	214.6	180.3	212.2
AgraTech	825 VT3 PRO	184.4	47.3	252.3	236.4	201.4	230.0
Croplan Genetics	8505 VT3 PRO	183.7	53.7	261.8	236.2	183.3	227.1
MC	MCT-6751	183.3	68.9	245.2	252.5	166.8	221.5
DeKalb	DKC67-57	182.0	86.2	255.3	223.9	162.6	213.9
Southern States	SS 818 GENVT3PRO	177.1	52.5	248.9	225.0	182.2	218.7
AgraTech	1801	175.7	58.3	242.4	228.2	174.0	214.9
DeKalb	DKC66-96(GENV3P)	175.4	77.6	251.8	214.0	158.1	208.0
Dyna-Gro	D57GT60	166.1	57.9	222.6	231.5	152.5	202.2
Southern States	SS 787 GENVT3PRO	164.9	54.8	223.7	216.2	165.0	201.6
<i>Average</i>		192.1	76.0	258.4	243.8	190.2	230.8
<i>LSD at 10% Level</i>		43.8	30.4	15.8	16.5	18.9	9.8
<i>Std. Err. of Entry Mean</i>		18.7	12.9	6.7	7.0	6.2	4.2

1. 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).

Tifton, Georgia: Short-Season Corn Hybrid Performance, 2011, 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 %
		2011	2-Yr Avg	3-Yr Avg						
Mycogen	2V715	113.9	.	.	93	0.30	.	18.3	23414	94
T. A. Seeds	TA765-00	112.5	.	.	88	0.36	.	19.3	21018	94
DeKalb	DKC64-69(GENVT3P)	108.3	130.8	.	88	0.30	.	19.3	22651	98
Croplan Genetics	7131 VT3	108.2	122.2	137.5	93	0.29	.	22.1	23305	92
Mycogen	2A787	106.4	.	.	97	0.29	.	21.9	22542	90
Mycogen	2T832	105.2	.	.	89	0.31	.	22.8	22651	90
T. A. Seeds	TA790-19	103.7	.	.	96	0.31	.	20.7	21127	79
Mycogen	2T784	101.2	.	.	96	0.26	.	21.5	23740	69
AgraTech	1777	100.6	107.9	120.3	91	0.30	.	19.2	20256	96
T. A. Seeds	TA778-28	96.9	.	.	97	0.24	.	18.9	23958	99
T. A. Seeds	TA717-20	96.7	.	.	93	0.27	.	20.5	23196	93
Dyna-Gro	57V59	96.0	125.9	.	88	0.27	.	18.0	22760	96
NK Brand	N77P 3111	95.9	.	.	94	0.27	.	21.3	22434	98
T. A. Seeds	TA780-13V	95.1	.	.	94	0.27	.	22.9	22651	86
Dyna-Gro	57N73	93.3	117.9	140.5	78	0.30	.	19.4	22100	92
Southern States	SS 684 GENSS	87.3	.	.	80	0.23	.	18.7	23849	88
NK Brand	N72F 3000GT	85.4	.	.	87	0.24	.	20.3	22760	96
DeKalb	DKC65-19	85.1	.	.	75	0.27	.	20.6	22760	92
Dyna-Gro	D55Q80	83.4	104.1	.	86	0.24	.	22.8	23523	97
T. A. Seeds	TA789-20	80.6	.	.	79	0.12	.	20.3	25718	63
Pioneer	P1456HR	78.9	105.1	.	76	0.27	.	20.4	22107	94
Mycogen	2V738	77.2	.	.	67	0.26	.	19.1	23631	98
NK Brand	N79Z GTCBLL	72.2	.	.	78	0.24	.	22.0	21998	85
Terral-REV™	25HR39™	66.8	108.3	141.3	62	0.28	.	18.8	22869	90
Terral-REV™	25R19™	60.8	92.1	.	61	0.19	.	19.0	22760	94
<i>Average</i>		92.5 ⁴	112.7	134.9	85	0.27	.	20.3	22791	90
<i>LSD at 10% Level</i>		N.S. ⁵	N.S.	N.S.	18	N.S.		0.8	1722	12
<i>Std. Err. of Entry Mean</i>		15.4	10.0	10.8	8	0.04		0.1	730	5

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 33.4%, and df for EMS = 72.
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 25, 2011.
 Harvested: August 8, 2011.
 Seeding Rate: 26,000 seeds/acre in 30" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = Low, K = Medium, and pH = 5.8.
 Fertilization: 50 lb N, 80 lb P₂O₅, and 90 lb K₂O/acre as preplant; 113 lb N/acre as sidedress.
 Previous Crop: Peanuts.
 Management: Disked, subsoiled and bedded; Atrazine, Prowl and Accent used for weed control; 1000 lb limestone/acre.

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

Tifton, Georgia: Mid-Season Corn Hybrid Performance, 2011, 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 %	
		2011	2-Yr Avg bu/acre							3-Yr Avg bu/acre
NK Brand	N78S 3111	105.0	.	.	89	0.30	.	21.6	22978	97
Croplan Genetics	8410 VT3 PRO	103.3	.	.	94	0.27	.	19.5	23740	100
Dyna-Gro	D56VP10	103.3	.	.	88	0.30	.	22.2	24596	95
Southern States	SS 788 GENVT3PRO	100.9	.	.	91	0.29	.	21.4	23413	88
Dyna-Gro	D56VP24	98.5	122.0	.	89	0.26	.	21.2	25156	97
Golden Acres	27V01	97.1	122.2	.	88	0.26	.	21.1	25265	96
Croplan Genetics	851 VT3 PRO	90.8	119.4	119.9	80	0.27	.	21.5	25918	99
DeKalb	DKC67-57	86.2	.	.	79	0.24	.	19.3	25809	96
Pioneer	P2088HR	86.1	.	.	82	0.24	.	22.0	26136	96
Pioneer	P2023HR	85.9	118.6	.	83	0.22	.	20.9	27116	100
DeKalb	DKC68-05(GENVT3P)	83.6	114.9	.	88	0.20	.	20.9	27116	100
Terral-REV™	28HR20™	83.5	110.1	129.6	72	0.24	.	23.5	26463	91
DeKalb	DKC69-29	82.8	.	.	79	0.26	.	20.7	24720	98
NK Brand	N82V 3000GT	82.6	119.3	137.4	81	0.24	.	23.1	25156	100
Croplan Genetics	8756 VT3	81.5	108.9	122.3	90	0.19	.	22.6	27770	94
Southern States	SS 851 GENVT3PRO	81.2	.	.	70	0.27	.	21.6	24938	100
DeKalb	DKC66-96(GENVT3P)	77.6	104.1	.	70	0.23	.	18.4	27334	93
Pioneer	P1814HR	77.2	.	.	84	0.24	.	22.2	23849	92
Dyna-Gro	D56VP69	74.6	.	.	77	0.22	.	21.0	25700	94
Pioneer	31P42(HX1 LL RR2)	74.0	106.6	.	80	0.22	.	20.7	25265	93
Pioneer	31D58	73.4	111.1	122.4	74	0.23	.	21.5	26136	100
Terral-REV™	27HR52™	72.2	.	.	69	0.25	.	21.0	24285	97
Terral-REV™	26HR82™	70.6	.	.	75	0.22	.	21.5	25592	97
Terral-REV™	28HR29™	70.6	.	.	69	0.24	.	22.1	26245	100
MC	MCT-6751	68.9	.	.	72	0.24	.	21.1	23196	87
Terral-REV™	28HR30™	67.2	95.5	.	65	0.24	.	24.0	25592	88
Dyna-Gro	D58VP30	65.3	.	.	78	0.17	.	21.3	26027	99
Terral-REV™	28R10™	64.5	117.7	.	60	0.23	.	23.4	26463	98
Terral-REV™	26HR50™	63.7	112.9	122.3	66	0.22	.	23.9	24612	100
Terral-REV™	26HR22™	62.5	.	.	52	0.20	.	18.9	24306	64
AgraTech	1801	58.3	.	.	63	0.25	.	20.1	23087	92
Dyna-Gro	D57GT60	57.9	86.8	.	70	0.22	.	22.0	22325	89
Southern States	SS 787 GENVT3PRO	54.8	.	.	62	0.19	.	17.8	24503	100
Croplan Genetics	8505 VT3 PRO	53.7	100.5	.	74	0.17	.	20.5	26027	98
Southern States	SS 818 GENVT3PRO	52.5	.	.	75	0.17	.	23.2	24938	98
Terral-REV™	27HR32™	52.2	.	.	67	0.18	.	20.5	25156	80
AgraTech	825 VT3 PRO	47.3	.	.	73	0.15	.	19.8	24176	98
<i>Average</i>		76.0 ⁴	110.6	125.6	76	0.23	.	21.3	25165	95
<i>LSD at 10% Level</i>		30.4	N.S. ⁵	N.S.	N.S.	0.06	.	0.8	1389	10
<i>Std. Err. of Entry Mean</i>		12.9	9.5	10.2	8	0.02	.	0.4	592	4

Tifton, Georgia:
Mid-Season Corn Hybrid Performance, 2011, 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 = 34.1%, and df for EMS = 106.
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 25, 2011.

Harvested: August 5, 2011.

Seeding Rate: 28,000 seeds/acre in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Low, K = Medium, and pH = 5.8.

Fertilization: 50 lb N, 80 lb P₂O₅, and 90 lb K₂O/acre as preplant; 113 lb N/acre as sidedress.

Previous Crop: Peanuts.

Management: Disked, subsoiled and bedded; Atrazine, Prowl and Accent used for weed control;
1000 lb limestone/acre.

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

Tifton, Georgia: Short-Season Corn Hybrid Performance, 2011, 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 %
		2011	2-Yr Avg	3-Yr Avg						
DeKalb	DKC64-69(GENVT3P)	259.6	260.2	.	103	0.51	.	16.0	28314	100
Pioneer	P1456HR	254.6	270.1	.	103	0.49	.	16.0	29685	99
NK Brand	N77P 3111	254.4	.	.	101	0.48	.	17.4	30601	98
T. A. Seeds	TA780-13V	250.0	.	.	100	0.49	.	18.3	29621	97
Terral-REV™	25HR39™	250.0	260.4	256.4	100	0.50	.	16.0	28205	100
DeKalb	DKC65-19	247.8	.	.	100	0.47	.	16.6	29730	100
AgraTech	1777	247.5	247.0	248.5	100	0.48	.	16.1	28219	98
Mycogen	2V715	247.1	.	.	100	0.44	.	14.6	31363	98
Mycogen	2T784	246.8	.	.	100	0.47	.	16.9	30057	94
Terral-REV™	25R19™	244.9	254.8	.	100	0.46	.	15.7	29730	99
Mycogen	2T832	241.0	.	.	101	0.46	.	17.6	29948	99
T. A. Seeds	TA765-00	240.2	.	.	100	0.43	.	15.8	30928	100
Southern States	SS 684 GENSS	236.2	.	.	100	0.43	.	15.9	30789	97
Dyna-Gro	57N73	236.0	253.0	254.0	101	0.46	.	15.8	28532	99
Croplan Genetics	7131 VT3	235.5	247.0	243.6	103	0.41	.	16.9	31690	95
NK Brand	N72F 3000GT	232.1	.	.	101	0.42	.	15.8	31145	86
T. A. Seeds	TA778-28	230.9	.	.	100	0.45	.	15.6	28967	100
Dyna-Gro	D55Q80	230.4	235.5	.	100	0.44	.	17.8	30710	88
NK Brand	N79Z GTCBLL	229.7	.	.	102	0.43	.	16.6	29512	93
Mycogen	2V738	228.0	.	.	100	0.39	.	14.3	32561	97
T. A. Seeds	TA717-20	227.8	.	.	101	0.42	.	16.8	30274	100
T. A. Seeds	TA790-19	223.0	.	.	101	0.44	.	16.4	28205	93
Mycogen	2A787	220.8	.	.	100	0.41	.	16.2	30383	100
Dyna-Gro	57V59	213.8	232.6	.	100	0.43	.	14.9	27878	95
T. A. Seeds	TA789-20	189.1	.	.	101	0.40	.	17.4	26789	99
<i>Average</i>		236.7 ⁴	251.2	250.6	101	0.45	.	16.3	29753	97
<i>LSD at 10% Level</i>		25.1	13.2	N.S. ⁵	N.S.	0.05	.	0.8	2224	6
<i>Std. Err. of Entry Mean</i>		10.7	5.5	4.1	1	0.02	.	0.3	944	3

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 9.0%, and df for EMS = 72.
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 24, 2011.
 Harvested: August 11, 2011.
 Seeding Rate: 33,000 seeds/acre in 30" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = High, K = Medium, and pH = 6.8.
 Fertilization: 68 lb N, 130 lb P₂O₅, and 200 lb K₂O/acre as preplant; 227 lb N/acre as sidedress.
 Previous Crop: Soybeans.
 Management: Disked, subsoiled and bedded; Razencane, Atrazine, Prowl and Accent used for weed control; Telone II used for nematode control; irrigated 18 inches.

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

Tifton, Georgia: Mid-Season Corn Hybrid Performance, 2011, 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 %
		2011	2-Yr Avg	3-Yr Avg						
		----- bu/acre	-----	-----	no.	lb	rating	%	no.	%
Pioneer	P2023HR	288.6	266.6	.	103	0.52	.	17.3	30928	100
Terral-REV™	28HR30™	287.0	259.8	.	102	0.57	.	19.8	29403	94
DeKalb	DKC68-05(GENVT3P)	283.8	250.8	.	103	0.51	.	17.1	31037	100
Terral-REV™	28HR29™	281.9	.	.	100	0.57	.	19.2	28968	100
Dyna-Gro	D58VP30	277.0	.	.	103	0.49	.	17.6	31472	100
Terral-REV™	27HR32™	275.4	.	.	102	0.53	.	17.1	28968	95
Pioneer	P1814HR	273.2	.	.	102	0.53	.	16.8	28859	100
Terral-REV™	26HR50™	270.5	255.8	248.0	99	0.56	.	18.6	28096	97
NK Brand	N78S 3111	268.7	.	.	102	0.57	.	18.4	26790	84
Terral-REV™	28R10™	268.5	261.6	.	100	0.51	.	17.9	30383	99
Terral-REV™	28HR20™	266.7	260.4	261.6	101	0.53	.	17.5	28641	100
Pioneer	31D58	265.9	253.7	254.5	102	0.53	.	17.2	28096	100
Pioneer	P2088HR	265.7	.	.	102	0.52	.	18.6	29294	96
Croplan Genetics	8756 VT3	263.4	241.0	238.2	101	0.51	.	18.7	29621	97
NK Brand	N82V 3000GT	261.8	249.8	253.1	100	0.52	.	18.6	29512	100
Croplan Genetics	8505 VT3 PRO	261.8	236.8	.	103	0.49	.	17.2	29947	99
Golden Acres	27V01	259.2	234.5	.	101	0.50	.	18.2	29403	95
Terral-REV™	27HR52™	259.0	.	.	102	0.53	.	18.4	27988	100
Terral-REV™	26HR22™	258.2	.	.	101	0.52	.	17.4	28532	99
Southern States	SS 851 GENVT3PRO	257.6	.	.	103	0.50	.	17.6	28641	100
DeKalb	DKC67-57	255.3	.	.	100	0.50	.	17.3	29076	100
Dyna-Gro	D56VP69	254.3	.	.	100	0.51	.	17.7	28641	97
Pioneer	31P42(HX1 LL RR2)	253.6	240.3	.	101	0.52	.	17.1	27661	100
AgraTech	825 VT3 PRO	252.3	.	.	105	0.49	.	17.9	28423	100
Croplan Genetics	851 VT3 PRO	252.0	238.6	238.7	101	0.51	.	18.4	28750	89
DeKalb	DKC66-96(GENVT3P)	251.8	241.1	.	101	0.45	.	16.6	31363	88
Terral-REV™	26HR82™	250.6	.	.	99	0.50	.	17.8	29185	100
DeKalb	DKC69-29	250.0	.	.	100	0.53	.	18.0	27443	99
Southern States	SS 818 GENVT3PRO	248.9	.	.	101	0.51	.	19.0	28532	96
Dyna-Gro	D56VP24	248.3	235.3	.	100	0.51	.	18.1	28096	95
Croplan Genetics	8410 VT3 PRO	245.5	.	.	102	0.48	.	16.7	28859	97
MC	MCT-6751	245.2	.	.	102	0.52	.	17.2	26681	100
AgraTech	1801	242.4	.	.	101	0.53	.	17.2	25918	100
Dyna-Gro	D56VP10	241.6	.	.	114	0.45	.	17.3	27225	100
Southern States	SS 788 GENVT3PRO	230.4	.	.	113	0.45	.	17.7	26027	100
Southern States	SS 787 GENVT3PRO	223.7	.	.	101	0.46	.	16.2	27225	100
Dyna-Gro	D57GT60	222.6	222.1	.	101	0.48	.	17.2	26463	100
<i>Average</i>		258.4 ⁴	246.8	249	102	0.51	.	17.7	28653	98
<i>LSD at 10% Level</i>		15.8	12.4	11.2	4	0.03	.	0.7	1637	6
<i>Std. Err. of Entry Mean</i>		6.7	5.3	4.7	2	0.01	.	0.3	698	2

Tifton, Georgia:
Mid-Season Corn Hybrid Performance, 2011, 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 = 5.2%, and df for EMS = 108.

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

Planted: March 24, 2011.

Harvested: August 11, 2011.

Seeding Rate: 31,500 seeds/acre in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 6.8.

Fertilization: 68 lb N, 130 lb P₂O₅, and 200 lb K₂O/acre as preplant; 227 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Disked, subsoiled and bedded; Razencane, Atrazine, Prowl and Accent used for weed control; Telone II used for nematode control; irrigated 18 inches.

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

Plains, Georgia: Short-Season Corn Hybrid Performance, 2011, 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 %
		2011	2-Yr Avg	3-Yr Avg						
Pioneer	P1456HR	222.2	228.0	.	.	.	14.0	.	94	
NK Brand	N77P 3111	218.4	.	.	.	.	16.2	.	13
T. A. Seeds	TA765-00	217.6	.	.	.	.	14.2	.	89
Mycogen	2T784	210.0	.	.	.	.	15.0	.	8
Dyna-Gro	57N73	208.9	219.5	190.0	.	.	14.3	.	97	
Croplan Genetics	7131 VT3	208.5	213.5	186.1	.	.	15.5	.	11	
T. A. Seeds	TA717-20	207.9	.	.	.	.	14.8	.	100
Dyna-Gro	D55Q80	206.3	218.1	.	.	.	14.9	.	94	
Mycogen	2V715	205.2	.	.	.	.	11.9	.	56
Terral-REV™	25R19™	204.5	219.9	.	.	.	13.6	.	90	
Southern States	SS 684 GENSS	203.0	.	.	.	.	14.2	.	73
Terral-REV™	25HR39™	200.9	210.9	189.8	.	.	13.7	.	94	
Mycogen	2A787	199.7	.	.	.	.	14.3	.	28
T. A. Seeds	TA790-19	198.7	.	.	.	.	16.0	.	58
NK Brand	N79Z GTCBLL	198.3	.	.	.	.	15.9	.	31
Mycogen	2V738	194.3	.	.	.	.	13.4	.	70
DeKalb	DKC64-69(GENVT3P)	192.6	210.6	.	.	.	14.1	.	38	
T. A. Seeds	TA789-20	192.5	.	.	.	.	15.9	.	85
Mycogen	2T832	189.0	.	.	.	.	14.2	.	6
T. A. Seeds	TA778-28	188.7	.	.	.	.	13.6	.	100
AgraTech	1777	185.2	202.1	180.0	.	.	14.2	.	84	
DeKalb	DKC65-19	182.4	.	.	.	.	14.3	.	90
T. A. Seeds	TA780-13V	180.9	.	.	.	.	14.6	.	21
NK Brand	N72F 3000GT	180.4	.	.	.	.	14.1	.	7
Dyna-Gro	57V59	168.2	180.0	.	.	.	12.7	.	75	
<i>Average</i>		198.6 ⁴	211.4	186.5	.	.	14.4	.	60	
<i>LSD at 10% Level</i>		17.4	14.1	N.S. ⁵			0.8		22	
<i>Std. Err. of Entry Mean</i>		7.4	5.9	6.3			0.3		10	

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 7.4%, and df for EMS = 72.
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 13, 2011.
 Harvested: August 24, 2011.
 Seeding Rate: 31,700 seeds/acre in 30" rows.
 Soil Type: Greenville sandy loam.
 Soil Test: P = Medium, K = High, and pH = 5.9.
 Fertilization: 125 lb N, 110 lb P₂O₅, and 30 lb K₂O/acre as preplant; 150 lb N/acre as sidedress.
 Previous Crop: Soybeans.
 Management: Chisel plowed, bedded and rototilled; Atrazine, Accent and Prowl used for weed control; irrigated 17 inches.

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

Plains, Georgia: Mid-Season Corn Hybrid Performance, 2011, 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 %
		2011	2-Yr Avg	3-Yr Avg						
Pioneer	P2023HR	233.4	234.4	.	.	.	15.9	.	100	
Terral-REV™	28HR20™	225.2	228.0	206.2	.	.	15.7	.	99	
Terral-REV™	28HR29™	219.7	.	.	.	.	17.1	.	98
Pioneer	P2088HR	216.1	.	.	.	.	16.2	.	83
Terral-REV™	28R10™	215.8	222.9	.	.	.	16.0	.	99	
NK	N82V3000GT	212.0	214.8	196.9	.	.	16.5	.	77	
Terral-REV™	28HR30™	208.6	203.5	.	.	.	17.2	.	33	
Pioneer	31D58	207.2	211.6	189.5	.	.	15.4	.	100	
Pioneer	31P42(HX1 LL RR2)	204.5	207.4	.	.	.	15.2	.	100	
Pioneer	P1814HR	201.9	.	.	.	.	14.8	.	100
Terral-REV™	26HR22™	201.9	.	.	.	.	14.4	.	94
AgraTech	825 VT3 PRO	201.4	.	.	.	.	14.6	.	96
Southern States	SS 788 GENVT3PRO	196.7	.	.	.	.	15.6	.	97
Terral-REV™	27HR32™	195.9	.	.	.	.	15.2	.	84
Dyna-Gro	D58VP30	192.2	.	.	.	.	15.0	.	85
Southern States	SS 851 GENVT3PRO	190.8	.	.	.	.	16.4	.	100
Golden Acres	27V01	190.3	190.1	.	.	.	14.4	.	18	
Terral-REV™	26HR82™	190.2	.	.	.	.	15.8	.	99
NK Brand	N78S 3111	189.3	.	.	.	.	16.1	.	76
Terral-REV™	27HR52™	189.0	.	.	.	.	14.8	.	80
Dyna-Gro	D56VP24	186.9	185.9	.	.	.	14.1	.	20	
Dyna-Gro	D56VP69	186.5	.	.	.	.	15.7	.	50
Croplan Genetics	8505 VT3 PRO	183.3	197.7	.	.	.	14.7	.	98	
Terral-REV™	26HR50™	182.5	199.4	184.5	.	.	16.8	.	65	
Southern States	SS 818 GENVT3PRO	182.2	.	.	.	.	16.6	.	68
Croplan Genetics	851 VT3 PRO	181.4	174.7	151.5	.	.	15.2	.	38	
Dyna-Gro	D56VP10	180.3	.	.	.	.	15.6	.	92
DeKalb	DKC68-05(GENVT3P)	178.5	188.7	.	.	.	15.0	.	96	
DeKalb	DKC69-29	178.4	.	.	.	.	16.2	.	100
Croplan Genetics	8756 VT3	176.7	176.6	153.6	.	.	15.7	.	84	
AgraTech	1801	174.0	.	.	.	.	15.3	.	98
MC	MCT-6751	166.8	.	.	.	.	15.8	.	65
Southern States	SS 787 GENVT3PRO	165.0	.	.	.	.	13.7	.	97
DeKalb	DKC67-57	162.6	.	.	.	.	15.4	.	100
Croplan Genetics	8410 VT3 PRO	159.4	.	.	.	.	14.6	.	70
DeKalb	DKC66-96(GENVT3P)	158.1	178.0	.	.	.	14.4	.	70	
Dyna-Gro	D57GT60	152.5	177.3	.	.	.	15.5	.	70	
<i>Average</i>		190.2 ⁴	199.4	180.4	.	.	15.5	.	81	
<i>LSD at 10% Level</i>		18.9	14.5	14.0			0.7		20	
<i>Std. Err. of Entry Mean</i>		8.1	6.2	5.9			0.3		9	

Plains, Georgia: Mid-Season Corn Hybrid Performance, 2011, 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 = 8.5%, and df for EMS = 108.

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

Planted: April 13, 2011.

Harvested: August 24, 2011.

Seeding Rate: 27,200 seeds/acre in 30" rows.

Soil Type: Greenville sandy loam

Soil Test: P = Medium, K = High, and pH = 5.9.

Fertilization: 125 lb N, 110 lb P₂O₅, and 30 lb K₂O/acre as preplant; 150 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Chisel plowed, bedded and rototilled; Atrazine, Accent and Prowl used for weed control; irrigated 17 inches.

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

Midville, Georgia: Short-Season Corn Hybrid Performance, 2011, 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 %
		2011	2-Yr Avg	3-Yr Avg						
Pioneer	P1456HR	310.9	298.0	.	.	.	13.4	.	100	
Mycogen	2T784	307.5	.	.	.	.	14.0	.	71
Dyna-Gro	57N73	293.5	281.0	263.0	.	.	12.9	.	100	
NK Brand	N79Z GTCBLL	292.3	.	.	.	.	14.2	.	99
Mycogen	2A787	289.4	.	.	.	.	13.9	.	95
Mycogen	2T832	288.8	.	.	.	.	14.3	.	90
T. A. Seeds	TA765-00	286.5	.	.	.	.	12.8	.	99
Mycogen	2V715	282.9	.	.	.	.	12.2	.	92
T. A. Seeds	TA780-13V	280.9	.	.	.	.	13.8	.	96
Terral-REV™	25HR39™	276.0	273.2	269.2	.	.	12.7	.	99	
Croplan Genetics	7131 VT3	275.6	250.9	243.2	.	.	14.0	.	92	
Mycogen	2V738	274.5	.	.	.	.	12.5	.	96
Dyna-Gro	D55Q80	271.9	257.5	.	.	.	15.6	.	98	
NK Brand	N72F 3000GT	270.0	.	.	.	.	13.2	.	98
T. A. Seeds	TA717-20	269.9	.	.	.	.	14.6	.	100
Southern States	SS 684 GENSS	269.5	.	.	.	.	12.9	.	85
DeKalb	DKC64-69(GENVT3P)	267.0	256.4	.	.	.	14.2	.	55	
Terral-REV™	25R19™	264.1	270.8	.	.	.	12.7	.	100	
T. A. Seeds	TA789-20	263.4	.	.	.	.	14.2	.	100
DeKalb	DKC65-19	257.2	.	.	.	.	13.4	.	80
T. A. Seeds	TA790-19	254.0	.	.	.	.	14.2	.	96
T. A. Seeds	TA778-28	249.5	.	.	.	.	11.6	.	100
NK Brand	N77P 3111	243.0	.	.	.	.	13.7	.	73
Dyna-Gro	57V59	236.4	227.6	.	.	.	12.3	.	93	
AgraTech	1777	235.2	242.9	254.6	.	.	12.8	.	95	
<i>Average</i>		272.4 ⁴	262.0	257.5	.	.	13.4	.	92	
<i>LSD at 10% Level</i>		23.6	16.6	N.S. ⁵			0.6		18	
<i>Std. Err. of Entry Mean</i>		10.0	7.0	5.4			0.2		7	

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 7.3%, and df for EMS = 72.
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 11, 2011.

Harvested: August 29, 2011.

Seeding Rate: 35,000 seeds/acre in 30" rows.

Soil Type: Dothan sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.9.

Fertilization: 100 lb N, 150 lb P₂O₅, and 200 lb K₂O/acre as preplant; 180 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Subsoiled and bedded; Atrazine and Acumen used for weed control; Telon II used for nematode control; irrigated 15 inches.

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

Midville, Georgia: Mid-Season Corn Hybrid Performance, 2011, 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 %
		2011	2-Yr Avg	3-Yr Avg						
Pioneer	P2088HR	271.0	.	.	.	.	14.3	.	100
Terral-REV™	28R10™	268.4	260.9	.	.	.	14.9	.	100	
Croplan Genetics	851 VT3 PRO	265.2	250.1	244.7	.	.	13.8	.	97	
Terral-REV™	28HR29™	264.9	.	.	.	.	15.5	.	100
Pioneer	P1814HR	262.2	.	.	.	.	14.1	.	100
Pioneer	P2023HR	261.3	264.6	.	.	.	14.1	.	100	
Terral-REV™	26HR50™	260.6	253.4	249.0	.	.	15.2	.	95	
NK	N82V3000GT	259.7	253.5	249.1	.	.	14.4	.	100	
Terral-REV™	27HR52™	257.3	.	.	.	.	14.4	.	99
Terral-REV™	28HR30™	257.1	255.6	.	.	.	16.9	.	99	
Terral-REV™	28HR20™	254.0	253.3	246.2	.	.	14.2	.	98	
Terral-REV™	26HR22™	252.6	.	.	.	.	13.7	.	100
MC	MCT-6751	252.5	.	.	.	.	14.1	.	96
Pioneer	31P42(HX1 LL RR2)	248.3	235.5	.	.	.	13.6	.	100	
NK Brand	N78S 3111	247.0	.	.	.	.	13.9	.	98
Terral-REV™	27HR32™	245.6	.	.	.	.	14.2	.	96
Pioneer	31D58	244.7	247.7	252.4	.	.	13.7	.	100	
Golden Acres	27V01	244.4	237.6	.	.	.	13.6	.	99	
Southern States	SS 851 GENVT3PRO	243.5	.	.	.	.	14.6	.	100
Dyna-Gro	D58VP30	242.9	.	.	.	.	13.3	.	100
Terral-REV™	26HR82™	242.9	.	.	.	.	14.4	.	100
Dyna-Gro	D56VP24	240.7	240.0	.	.	.	13.5	.	100	
DeKalb	DKC69-29	239.0	.	.	.	.	14.2	.	100
DeKalb	DKC68-05(GENVT3P)	237.8	231.1	.	.	.	13.9	.	100	
Croplan Genetics	8756 VT3	237.5	234.3	235.5	.	.	14.5	.	99	
AgraTech	825 VT3 PRO	236.4	.	.	.	.	13.3	.	100
Croplan Genetics	8505 VT3 PRO	236.2	240.6	.	.	.	13.1	.	100	
Croplan Genetics	8410 VT3 PRO	232.8	.	.	.	.	14.1	.	97
Dyna-Gro	D57GT60	231.5	233.3	.	.	.	13.5	.	100	
Dyna-Gro	D56VP69	231.4	.	.	.	.	14.8	.	100
Southern States	SS 788 GENVT3PRO	228.9	.	.	.	.	13.9	.	100
AgraTech	1801	228.2	.	.	.	.	13.6	.	100
Southern States	SS 818 GENVT3PRO	225.0	.	.	.	.	15.2	.	99
DeKalb	DKC67-57	223.9	.	.	.	.	14.0	.	100
Southern States	SS 787 GENVT3PRO	216.2	.	.	.	.	12.7	.	100
Dyna-Gro	D56VP10	214.6	.	.	.	.	13.6	.	97
DeKalb	DKC66-96(GENVT3P)	214.0	217.8	.	.	.	13.0	.	100	
<i>Average</i>		243.8 ⁴	244.3	246.2	.	.	14.1	.	99	
<i>LSD at 10% Level</i>		16.5	9.8	N.S. ⁵			0.4		N.S.	
<i>Std. Err. of Entry Mean</i>		7.0	4.2	4.5			0.2		1	

Midville, Georgia: Mid-Season Corn Hybrid Performance, 2011, 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 = 5.8%, and df for EMS = 108.
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 11, 2011.

Harvested: August 29, 2011.

Seeding Rate: 29,100 seeds/acre in 30" rows.

Soil Type: Dothan sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.9.

Fertilization: 100 lb N, 150 lb P_2O_5 , and 200 lb K_2O /acre as preplant; 180 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Subsoiled and bedded; Atrazine and Acumen used for weed control; Telon II used for nematode control; irrigated 15 inches.

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