

Piedmont Region

Griffin, 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 %	
		2-Yr Avg	3-Yr Avg							
NK Brand	N77P 3111	214.3	.	.	102	0.38	1.9	16.8	31218	99
Pioneer	P1456HR	210.6	241.9	.	102	0.37	2.1	14.6	31383	100
NK Brand	N79Z GTCBLL	209.2	.	.	106	0.33	2.3	15.3	33033	100
NK Brand	N72F 3000GT	207.2	.	.	104	0.34	1.9	14.7	32041	100
Dyna-Gro	D55Q80	196.3	.	.	108	0.30	2.3	14.8	33517	100
DeKalb	DKC64-69(GENVT3P)	194.9	230.3	.	102	0.36	1.9	14.8	29524	100
Croplan Genetics	7131 VT3	194.8	222.4	168.0	105	0.32	2.1	15.1	32186	100
DeKalb	DKC65-19	192.8	.	.	100	0.35	2.0	14.4	30371	98
AgraTech	1777	192.7	.	.	105	0.33	2.3	14.1	30415	100
Terral-REV™	25R19™	191.5	232.8	.	103	0.33	2.4	13.8	31460	100
Terral-REV™	25HR39™	183.8	229.1	170.5	101	0.34	2.6	13.6	29645	99
Dyna-Gro	57V59	180.5	211.3	.	106	0.3	2.4	13.0	30734	99
Dyna-Gro	57N73	179.4	.	.	101	0.31	2.4	13.8	31339	100
Southern States	SS 684 GENSS	154.6	.	.	102	0.26	2.0	13.7	32307	100
<i>Average</i>		193.0 ⁴	228.0	169.3	103	0.33	2.2	14.5	31370	100
<i>LSD at 10% Level</i>		17.6	N.S. ⁵	N.S.	N.S.	0.02	0.4	0.4	2057	N.S.
<i>Std. Err. of Entry Mean</i>		7.4	4.5	3.4	2	0.01	0.2	0.2	863	1

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 7.9%, and df for EMS = 39.
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 31, 2011.
 Seeding Rate: 34,000 seeds/acre in 30" rows.
 Soil Type: Pacolet sandy loam.
 Soil Test: P = Medium, K = High, and pH = 5.9.
 Fertilization: 75 lb N, 150 lb P₂O₅, and 225 lb K₂O/acre as preplant; 200 lb N/acre as sidedress.
 Previous Crop: Wheat.
 Management: Moldboard plowed, disked and rototilled; Lasso, Atrazine and one cultivation used for weed control; irrigated 11 inches.

Test conducted by J. Gassett and G. Ware.

Griffin, 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						
Dyna-Gro	D56VP24	201.5	216.3	.	101	0.34	2.0	14.4	31944	100
Croplan Genetics	8756 VT3	201.3	220.1	.	104	0.35	2.3	14.8	30301	100
DeKalb	DKC67-57	200.4	.	.	104	0.34	2.3	14.0	31097	100
DeKalb	DKC68-05(GENVT3P)	198.8	203.8	.	107	0.31	2.1	14.3	32846	100
Pioneer	P2088HR	198.2	.	.	100	0.36	2.5	14.4	30352	100
Terral-REV™	26HR22™	197.8	.	.	100	0.34	2.8	13.2	31482	100
Golden Acres	27V01	195.6	205.1	.	99	0.35	2.3	14.5	31320	100
Terral-REV™	28HR29™	195.3	.	.	100	0.34	2.4	16.1	31944	100
NK Brand	N78S 3111	195.1	.	.	103	0.37	2.3	16.6	29040	100
NK	N82V3000GT	192.8	232.7	195.6	100	0.35	2.3	15.0	30836	100
Croplan Genetics	851 VT3 PRO	190.4	.	.	100	0.32	2.4	13.9	32428	100
DeKalb	DKC66-96(GENVT3P)	189.4	222.5	.	103	0.31	2.1	12.3	32043	100
MC	MCT-6751	188.3	.	.	102	0.33	2.6	13.9	31159	100
AgraTech	825 VT3 PRO	187.8	.	.	102	0.33	2.1	13.4	30613	100
Terral-REV™	28HR30™	186.8	223.9	.	98	0.37	2.4	15.8	29384	100
Dyna-Gro	D58VP30	185.3	.	.	102	0.33	2.0	13.7	30613	100
Pioneer	P2023HR	185.3	222.9	.	102	0.31	2.5	14.4	32417	100
Terral-REV™	27HR52™	184.9	.	.	101	0.34	2.9	13.7	29887	100
DeKalb	DKC69-29	180.4	.	.	102	0.31	2.6	13.8	31159	100
Dyna-Gro	D57GT60	176.9	.	.	106	0.31	2.6	14.1	29645	100
Terral-REV™	28R10™	174.2	225.8	.	102	0.31	3.0	14.6	30613	100
Southern States	SS 788 GENVT3PRO	174.1	.	.	109	0.31	2.1	13.8	28314	100
Terral-REV™	26HR82™	173.8	.	.	101	0.32	3.8	14.4	29645	100
Terral-REV™	28HR20™	173.5	216.7	183.0	100	0.31	3.0	15.4	31636	100
Dyna-Gro	D56VP69	171.5	.	.	102	0.32	2.1	15.5	29766	100
Pioneer	31P42(HX1 LL RR2)	170.7	214.9	.	102	0.32	2.8	14.2	29384	100
Southern States	SS 851 GENVT3PRO	166.9	.	.	107	0.31	2.3	14.5	27588	100
Croplan Genetics	8505 VT3 PRO	166.9	.	.	102	0.29	2.4	13.1	30855	100
Dyna-Gro	D56VP10	166.0	.	.	104	0.3	2.5	13.8	28798	100
Terral-REV™	27HR32™	149.4	.	.	102	0.28	2.9	14.1	29282	100
Terral-REV™	26HR50™	139.6	217.6	179.1	100	0.28	3.3	16.0	28314	100
<i>Average</i>		182.5 ⁴	218.5	185.9	102	0.32	2.5	14.4	30474	100
<i>LSD at 10% Level</i>		20.2	N.S. ⁵	N.S.	3	0.04	0.4	0.6	1977	-
<i>Std. Err. of Entry Mean</i>		8.6	6.7	5.9	1	0.02	0.2	0.2	841	-

**Griffin, 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 = 9.4%, 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).

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