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2014 Corn Performance Tests

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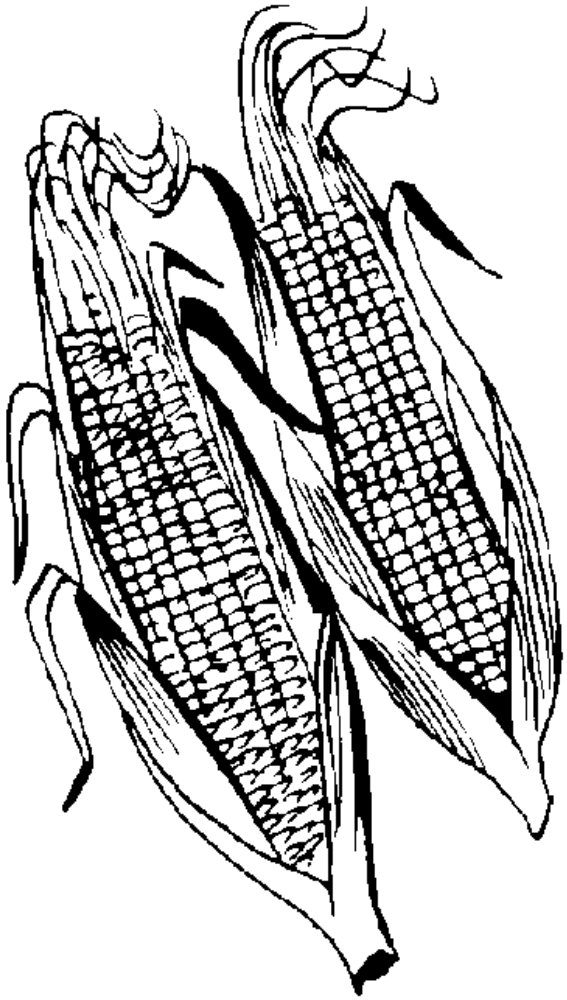
Editors



Department of Crop and Soil Sciences
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Conversion Table

U.S. *Abbr.*	*Unit*	*Approximate Metric Equivalent*
	Length	
mi	mile	1.609 kilometers
yd	yard	0.9144 meters
ft *or* '	foot	30.48 centimeters
in *or* "	inch	2.54 centimeters
	Area	
sq mi *or* mi^2	square mile	2.59 square kilometers
acre	acre	0.405 hectares *or* 4047 square meters
sq ft *or* ft^2	square foot	0.093 square meters
	Volume/Capacity	
gal	gallon	3.785 liters
qt	quart	0.946 liters
pt	pint	0.473 liters
fl oz	fluid ounce	29.573 milliliters or 28.416 cubic centimeters
bu	bushel	35.238 liters
cu ft *or* ft^3	cubic foot	0.028 cubic meters
	Mass/Weight	
ton	ton	0.907 metric ton
lb	pound	0.453 kilogram
oz	ounce	28.349 grams

Metric *Abbr.*	*Unit*	*Approximate U.S. Equivalent*
	Length	
km	kilometer	0.62 mile
m	meter	39.37 inches *or* 1.09 yards
cm	centimeter	0.39 inch
mm	millimeter	0.04 inch
	Area	
ha	hectare	2.47 acres
	Volume/Capacity	
liter	liter	61.02 cubic inches *or* 1.057 quarts
ml	milliliter	0.06 cubic inch *or* 0.034 fluid ounce
cc	cubic centimeter	0.061 cubic inch *or* 0.035 fluid ounce
	Mass/Weight	
MT	metric ton	1.1 tons
kg	kilogram	2.205 pounds
g	gram	0.035 ounce
mg	milligram	3.5×10^{-5} ounce

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PREFACE

In this research report, the results of the 2014 corn performance trials are presented. Corn performance trials were conducted at six locations throughout Georgia (see map inside back cover) in 2014. Short-season and mid-season hybrids were planted at Tifton, Plains, and Midville in the Coastal Plain region, at Griffin in the Piedmont region, at Calhoun in the Limestone Valley region, and at Blairsville in the Mountain region. Hybrids used for silage were evaluated at Tifton, Griffin, Calhoun, and Blairsville.

At each site all plots within a maturity group were seeded at the rates specified and not thinned, and the populations at harvest are included in the tables. Information concerning fertilization and cultural practices used in each trial is included with the tables. Grain harvesting was done with a plot combine, and yields were adjusted to 15.5% moisture. Since data averaged over several years indicate a hybrid's yield potential better than data from only a single year, average yields over several years are included in this report.

The least significant difference (LSD) at the 10% level has been included in the tables to aid in comparing hybrids. If the yields' difference of any two hybrids exceeds the LSD value, they can be considered different in yield ability. **Bolding** is used in the performance tables to indicate hybrids with yields statistically equal to the highest yielding entry in the test. The standard error (Std. Err.) of an entry mean is included at the bottom of each table to provide a general indicator of the level of precision of each experiment. The lower the value of the standard error of the entry mean, the more precise the experiment.

Producers of hybrid seed corn are invited to enter their hybrids in the Georgia performance trials. Most hybrids entered are commercially available in Georgia, but a few experimental hybrids are also entered. Entry of a hybrid in these trials does not imply endorsement or recommendation by the University of Georgia College of Agricultural and Environmental Sciences.

This report is one of five publications presenting the performance of agronomic crops in Georgia. For information concerning the performance of other crops, refer to one of the following research reports: 2013-2014 Small Grain Performance Tests (Annual Publication #100-6), the 2013 Soybean, Sorghum Grain and Silage, and Summer Annual Forages Performance Tests (Annual Publication #103-5), the 2013 Peanut, Cotton and Tobacco Performance Tests (Annual Publication #104-5), and the 2014 Canola Performance data (www.swvt.uga.edu/canola.html).

This report, along with performance test information on other crops, is also available online at **www.swvt.uga.edu**. Additional information may be obtained by writing John D. Gassett, Crop and Soil Sciences Department, University of Georgia, Griffin Campus, 1109 Experiment Street, Griffin, GA 30223-1797.

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The Season

Georgia corn producers in 2014 were faced with planting conditions similar to that in 2013 with abundant soil moisture and torrential rains in some areas. Rain and cool temperatures through February, March, and April delayed planting throughout much of the state. As the season progressed, irrigation became a concern for southwest Georgia, the Piedmont region, and the Limestone Valley region. The areas around Tifton and Midville obtained large amounts of rainfall at times. Corn drowning out and leaching of nutrients were concerns again this year. Southern corn rust was a major concern for growers this year because infection occurred two weeks earlier than it has in the past.

Seasonal rainfall totals, as shown in the table below, were below normal for all locations except Midville and Tifton. Rainfall in north Georgia ranged from 5.5 inches to 7.7 inches below normal. The Plains location was 8.7 inches below normal while Tifton and Midville ranged from 8.1 inches to 9.2 inches above normal respectively.

Growing Season Rainfall[1], 2014

Month	Blairsville	Calhoun[2]	Griffin	Midville	Plains	Tifton
	inches					
February	4.17	4.63	4.78	5.39	4.17	4.35
March	2.50	4.38	5.24	3.71	3.40	5.46
April	5.28	7.02	5.64	6.24	7.91	8.72
May	3.42	3.81	1.53	9.21	1.25	8.41
June	5.91	5.63	3.82	2.98	1.87	2.88
July	2.36	2.75	3.35	5.95	2.70	3.00
August	6.06	1.37	2.26	2.65	1.00	1.50
September	2.03	3.26	0.05	3.73	2.67	5.96
Total (8 mo)	31.73	32.85	26.67	39.86	24.97	40.28
Normal (8 mo)	38.50	38.37	34.34	30.65	33.69	32.15

1. Data submitted by Dr. I. Flitcroft, Georgia Station, Griffin, Ga.
2. Floyd County location.

Total corn planted for grain in Georgia was 370,000 acres, down 26% from 2013. 325,000 acres of corn grain were harvested. According to the October crop estimates from the USDA, 169 bu/ac of corn were produced this year, for a total of 54.925 million bushels, which is an 11 bu/ac decrease from 2012's state record. Current year corn silage harvested acres are not yet available. The past decade of corn silage harvested acres in Georgia have been between 30,000 and 50,000 acres yielding 16 to 21 tons per acre.

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Grain Tests Results

Coastal Plain Region

Coastal Plain Region of Georgia: Summary of Corn Hybrid Performance, 2014

Company or Brand Name	Hybrid Name	Yield					
		Coastal Plain Average	Tifton Non-Irr.	Tifton Irrigated	Midville Irrigated	Plains Irrigated	Irrigated Average
		bu/acre					
Short-Season							
Terral-REV®	25BHR44™	**222.4**	**174.9**	**235.3**	**273.0**	**206.4**	**238.2**
Pioneer	P1319HR	**219.3**	**171.5**	**240.1**	**274.8**	191.1	**235.3**
T. A. Seeds	TA765-18	**212.1**	**177.5**	**222.0**	**266.3**	182.9	223.7
Syngenta NK	N70J-3011A	**208.4**	**161.7**	**222.5**	**261.2**	188.3	224.0
Dyna-Gro	D55QC73	**207.0**	151.9	**224.9**	**274.1**	177.1	225.3
Terral-REV®	23BHR55™	**205.5**	142.9	**220.5**	**265.2**	**193.2**	**226.3**
Armor	1330	**204.1**	**158.1**	**230.7**	229.7	**198.1**	219.5
Dyna-Gro	D55GT73	**203.2**	154.2	**212.3**	**264.2**	182.2	219.6
Mycogen	2C786	**197.7**	**176.5**	**222.8**	225.2	166.2	204.8
Mycogen	2C797	**196.8**	**157.7**	192.1	**258.3**	179.2	209.8
AgraTech	1777VIP	**193.1**	148.3	196.6	255.2	172.2	208.0
T. A. Seeds	TA744-22DP	**193.0**	**168.4**	210.1	229.2	164.3	201.2
Terral-REV®	17HR73™	**191.5**	151.9	193.3	237.9	182.9	204.7
Mycogen	2V777	**190.9**	153.6	179.6	244.6	185.8	203.3
Croplan Genetics	6926 VT3 Pro	**189.6**	154.2	203.1	244.9	156.3	201.4
Terral-REV®	18BHR84™	**188.7**	155.7	190.6	233.6	174.8	199.6
Dyna-Gro	D55VP77	**188.3**	146.9	**213.0**	234.4	159.1	202.2
T. A. Seeds	TA780-22DP	**187.7**	150.6	196.5	243.9	159.6	200.0
DeKalb	DKC65-19	**185.3**	151.3	202.1	222.5	165.3	196.6
Croplan Genetics	6640 VT3 Pro	**183.3**	**175.4**	201.0	208.5	148.4	185.9
Croplan Genetics	7087 VT3P	**182.4**	136.5	199.7	226.2	167.4	197.8
Armor	1414	**181.7**	149.4	201.0	233.8	142.9	192.5
Armor	1262PRO2	**181.3**	**164.9**	181.0	228.9	150.5	186.8
Armor	1550PRO2	**180.3**	153.1	208.6	216.0	143.2	189.3
Mycogen	2J794	**179.0**	147.9	169.2	237.6	161.1	189.3
Dyna-Gro	D53VC13	**175.9**	141.7	181.5	222.2	158.4	187.3
Armor	1555SS	**174.1**	141.0	185.7	214.9	154.8	185.1
Augusta Seed	5565VT2 PRO	**164.4**	144.8	177.6	194.3	141.1	171.0
Augusta Seed	8064VT3 PRO	**164.4**	142.4	156.9	215.6	142.7	171.7
Average		191.4	155.3	202.4	239.2	168.8	203.5
LSD at 10% Level		N.S.[1]	19.8	28.0	18.9	14.0	12.1
Std. Err. of Entry Mean		5.9	8.4	11.9	8.0	6.0	5.2

Coastal Plain Region of Georgia:
Summary of Corn Hybrid Performance, 2014 (Continued)

Company or Brand Name	Hybrid Name	Yield					
		Coastal Plain Average	Tifton Non-Irr.	Tifton Irrigated	Midville Irrigated	Plains Irrigated	Irrigated Average
		bu/acre					
Mid-Season							
Pioneer	P1794VYHR	**209.9**	**173.9**	.	**254.6**	**201.3**	**228.0**
Pioneer	P1690YHR	**204.6**	**186.7**	.	**241.8**	185.3	**213.5**
Terral-REV®	26BHR50™	197.2	161.6	.	**255.6**	174.5	**215.0**
Pioneer	P1529YHR	193.6	**172.1**	.	229.2	179.3	204.3
Terral-REV®	27HR83™	191.3	156.6	.	**248.2**	169.3	208.7
Terral-REV®	28HR20™	191.1	162.8	.	**250.4**	160.2	205.3
Syngenta NK	N82V-3111	190.4	165.8	.	224.9	180.4	202.6
T. A. Seeds	TA790-18	189.5	158.7	.	**238.0**	172.0	205.0
Terral-REV®	28R10™	188.8	167.5	.	**240.1**	158.8	199.4
Pioneer	P1739YHR	188.8	168.0	.	224.7	173.6	199.2
AgraTech	84GVIP	188.3	159.8	.	225.1	180.1	202.6
Syngenta NK	N83D-3000GT	188.2	166.3	.	**236.3**	162.2	199.2
Syngenta NK	N78S 3111	188.2	170.6	.	**243.2**	150.9	197.1
T. A. Seeds	TA774-13VP	188.1	**181.7**	.	217.3	165.4	191.4
AgraTech	903A VIP	187.4	164.7	.	**232.2**	165.4	198.8
Augusta Seed	8868VT3 PRO	187.3	162.2	.	230.1	169.6	199.8
Croplan Genetics	8621 VT2 Pro	186.8	144.8	.	**247.6**	168.1	207.9
Augusta Seed	5566GTCBLL	186.4	**171.5**	.	222.1	165.6	193.9
Augusta Seed	7767VT3 PRO	185.0	**182.5**	.	215.1	157.3	186.2
Pioneer	P2023BVT	184.1	169.5	.	221.9	160.9	191.4
Dyna-Gro	D57VP51	183.2	**172.6**	.	219.0	157.9	188.5
DeKalb	DKC68-92	181.5	151.0	.	222.3	171.2	196.7
Syngenta NK	N79T-3111	180.5	156.5	.	199.0	186.0	192.5
Augusta Seed	6866GTCBLL	179.3	156.8	.	211.8	169.4	190.6
Armor	1616	178.9	164.7	.	196.9	175.0	186.0
Dyna-Gro	D56VC46	178.6	160.6	.	211.3	164.0	187.6
Dyna-Gro	D57VP75	178.5	151.7	.	230.0	153.8	191.9
T. A. Seeds	TA784-13VP	178.0	144.9	.	**245.1**	144.0	194.5
Croplan Genetics	7927 VT3P	175.4	148.1	.	230.1	148.1	189.1
Augusta Seed	7768GT3110	175.1	149.6	.	**232.7**	143.2	187.9
Armor	1880PRO2	175.1	153.3	.	224.8	147.3	186.0
DeKalb	DKC67-58	173.4	155.2	.	215.8	149.1	182.5
Mycogen	2Y816	170.7	149.0	.	218.1	145.0	181.6
AgraTech	966VT3P	170.5	160.9	.	215.7	134.9	175.3
ALA-FLO	9500	.	.	.	**247.1**	151.6	199.3
Average		185.1	162.4	.	229.1	164.0	196.5
LSD at 10% Level		11.8	15.9	.	24.7	14.0	15.0
Std. Err. of Entry Mean		3.8	6.8	.	10.5	6.0	5.2

1. The F-test indicated no statistical differences at the alpha = 0.10 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, 2014, Nonirrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
T. A. Seeds	TA765-18	**177.5**	.	.	96	0.45	1.5	16.6	23087	100
Mycogen	2C786	**176.5**	.	.	105	0.39	2.0	16.5	24285	100
Croplan Genetics	6640 VT3 Pro	**175.4**	**193.6**	169.6	98	0.42	0.5	12.8	23196	100
Terral-REV®	25BHR44™	**174.9**	**199.3**	.	100	0.46	1.5	18.2	22107	100
Pioneer	P1319HR	**171.5**	**190.5**	.	98	0.42	1.5	17.4	24067	100
T. A. Seeds	TA744-22DP	**168.4**	.	.	100	0.40	1.5	16.2	23741	100
Armor	1262PRO2	**164.9**	177.0	.	104	0.37	1.5	14.3	23414	100
Syngenta NK	N70J-3011A	**161.7**	.	.	102	0.37	1.5	16.0	24394	100
Armor	1330	**158.1**	.	.	100	0.37	1.5	15.3	23958	100
Mycogen	2C797	**157.7**	.	.	101	0.37	0.5	16.6	23958	100
Terral-REV®	18BHR84™	155.7	179.4	.	98	0.36	1.5	14.1	24285	100
Dyna-Gro	D55GT73	154.2	184.7	.	95	0.40	1.5	17.2	23305	100
Croplan Genetics	6926 VT3 Pro	154.2	.	.	101	0.35	1.5	16.3	24503	100
Mycogen	2V777	153.6	.	.	103	0.35	0.5	15.0	24067	100
Armor	1550PRO2	153.1	173.1	.	93	0.42	1.5	17.6	22651	100
Terral-REV®	17HR73™	151.9	170.9	.	96	0.36	1.5	15.1	24503	100
Dyna-Gro	D55QC73	151.9	.	.	97	0.38	0.5	18.3	23958	100
DeKalb	DKC65-19	151.3	173.4	.	100	0.40	1.5	16.4	21780	100
T. A. Seeds	TA780-22DP	150.6	.	.	96	0.38	0.5	16.2	23522	100
Armor	1414	149.4	.	.	102	0.39	1.5	16.1	21236	100
AgraTech	1777VIP	148.3	.	.	98	0.37	1.5	16.5	23414	100
Mycogen	2J794	147.9	.	.	98	0.35	1.5	16.3	24067	100
Dyna-Gro	D55VP77	146.9	179.3	156.1	100	0.37	1.5	13.8	22107	100
Augusta Seed	5565VT2 PRO	144.8	171.4	.	92	0.39	2.0	15.4	22543	100
Terral-REV®	23BHR55™	142.9	.	.	99	0.33	1.5	15.8	24829	100
Augusta Seed	8064VT3 PRO	142.4	.	.	89	0.40	1.5	16.7	22434	100
Dyna-Gro	D53VC13	141.7	.	.	100	0.33	1.5	14.1	23849	100
Armor	1555SS	141.0	173.2	.	95	0.36	1.5	15.6	23196	100
Croplan Genetics	7087 VT3P	136.5	.	.	95	0.34	1.5	16.4	23849	100
Average		155.3[4]	180.5	162.9	98	0.38	1.4	16.0	23459	100
LSD at 10% Level		19.8	11.4	.	5	0.04	.	1.7	1246	.
Std. Err. of Entry Mean		8.4	4.8	.	2	0.02	.	0.7	530	.

Tifton, Georgia:
Short-Season Corn Hybrid Performance, 2014, 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 = 10.8%, and df for EMS = 84.

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

Planted:	April 4, 2014.
Harvested:	August 14, 2014.
Seeding Rate:	25,000 seeds per acre in 30-inch rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = Medium, K = Medium, and pH = 5.8.
Fertilization:	70 lb N, 55 lb P_2O_5, and 150 lb K_2O/acre as preplant; 135 lb N/acre as sidedress.
Previous Crop:	Peanuts.
Management:	Disked, subsoiled and bedded, rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone II used for nematode control.

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

Tifton, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Nonirrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
Pioneer	P1690YHR	**186.7**	**192.4**	.	99	0.43	1.0	15.5	24394	100
Augusta Seed	7767VT3 PRO	**182.5**	**202.4**	.	98	0.43	2.0	16.4	24394	98
T. A. Seeds	TA774-13VP	**181.7**	.	.	102	0.40	1.0	16.5	25047	100
Pioneer	P1794VYHR	**173.9**	.	.	98	0.42	2.5	16.5	23849	100
Dyna-Gro	D57VP51	**172.6**	**186.4**	**171.1**	100	0.41	1.0	16.4	24067	100
Pioneer	P1529YHR	**172.1**	.	.	102	0.39	2.0	16.3	24394	100
Augusta Seed	5566GTCBLL	**171.5**	.	.	100	0.41	1.5	18.0	23958	100
Syngenta NK	N78S 3111	170.6	**185.6**	**172.0**	98	0.41	1.0	16.8	24285	100
Pioneer	P2023BVT	169.5	.	.	100	0.39	2.0	16.1	24176	100
Pioneer	P1739YHR	168.0	.	.	99	0.40	2.0	15.2	23740	100
Terral-REV®	28R10™	167.5	**191.5**	**171.0**	102	0.42	2.0	16.8	21998	100
Syngenta NK	N83D-3000GT	166.3	.	.	100	0.42	1.0	18.3	23305	100
Syngenta NK	N82V-3111	165.8	**175.7**	**161.6**	98	0.39	2.0	17.8	25156	100
Armor	1616	164.7	.	.	99	0.41	1.5	16.2	22869	100
AgraTech	903A VIP	164.7	.	.	99	0.39	1.0	17.5	24612	100
Terral-REV®	28HR20™	162.8	**189.5**	**175.8**	96	0.41	2.0	17.2	23305	100
Augusta Seed	8868VT3 PRO	162.2	.	.	100	0.37	2.0	14.7	24176	100
Terral-REV®	26BHR50™	161.6	**180.8**	.	98	0.38	2.0	16.6	24503	100
AgraTech	966VT3P	160.9	.	.	99	0.41	1.0	16.5	22542	100
Dyna-Gro	D56VC46	160.6	**175.1**	.	100	0.39	2.0	16.5	23414	100
AgraTech	84GVIP	159.8	.	.	97	0.40	2.0	17.5	23631	100
T. A. Seeds	TA790-18	158.7	.	.	98	0.37	2.0	16.5	24502	100
Augusta Seed	6866GTCBLL	156.8	.	.	99	0.39	1.5	17.3	23523	100
Terral-REV®	27HR83™	156.6	**175.2**	**158.7**	101	0.37	2.0	16.9	23740	100
Syngenta NK	N79T-3111	156.5	**179.6**	.	97	0.40	1.0	17.4	22978	100
DeKalb	DKC67-58	155.2	.	.	100	0.37	2.0	15.0	23414	100
Armor	1880PRO2	153.3	**175.2**	.	94	0.37	2.0	15.2	24503	100
Dyna-Gro	D57VP75	151.7	**171.0**	.	102	0.35	2.5	14.7	23849	100
DeKalb	DKC68-92	151.0	.	.	101	0.36	2.0	16.9	23631	100
Augusta Seed	7768GT3110	149.6	.	.	98	0.37	2.0	18.7	24285	99
Mycogen	2Y816	149.0	.	.	101	0.34	2.0	16.6	25047	100
Croplan Genetics	7927 VT3P	148.1	.	.	99	0.34	2.0	15.1	24394	100
T. A. Seeds	TA784-13VP	144.9	.	.	95	0.38	2.0	14.9	22542	100
Croplan Genetics	8621 VT2 Pro	144.8	**176.0**	**161.2**	93	0.38	2.0	16.2	23414	100
Average		162.4[4]	182.6	167.3	99	0.39	1.8	16.5	23872	100
LSD at 10% Level		15.9	N.S.[5]	N.S.	N.S.	0.03	.	1.0	1277	N.S.
Std. Err. of Entry Mean		6.8	6.1	4.9	1	0.02	.	0.4	544	1

Tifton, Georgia:
Mid-Season Corn Hybrid Performance, 2014, 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 = 8.3%, and df for EMS = 99.
5. The F-test indicated no statistical differences at the alpha = 0.10 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 4, 2014.
Harvested:	August 14, 2014.
Seeding Rate:	25,500 seeds per acre in 30-inch rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = Medium, K = Medium, and pH = 5.8.
Fertilization:	70 lb N, 55 lb P_2O_5, and 150 lb K_2O/acre as preplant; 135 lb N/acre as sidedress.
Previous Crop:	Peanuts.
Management:	Disked, subsoiled and bedded, rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone II used for nematode control.

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

Tifton, Georgia:
Short-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
Pioneer	P1319HR	**240.1**	**247.1**	.	101	0.42	2.0	17.2	32235	100
Terral-REV®	25BHR44™	**235.3**	**254.5**	.	98	0.44	1.0	19.4	32452	100
Armor	1330	**230.7**	.	.	99	0.42	2.0	16.1	31581	100
Dyna-Gro	D55QC73	**224.9**	.	.	101	0.40	1.0	18.2	32235	100
Mycogen	2C786	**222.8**	.	.	100	0.39	1.0	17.8	32888	100
Syngenta NK	N70J-3011A	**222.5**	.	.	105	0.37	2.0	16.7	32888	100
T. A. Seeds	TA765-18	**222.0**	.	.	99	0.45	1.0	17.8	29076	100
Terral-REV®	23BHR55™	**220.5**	.	.	98	0.39	2.0	18.2	33106	100
Dyna-Gro	D55VP77	**213.0**	**237.7**	**252.4**	101	0.38	1.0	15.6	31363	100
Dyna-Gro	D55GT73	**212.3**	236.8	.	97	0.41	1.0	18.0	30601	100
T. A. Seeds	TA744-22DP	210.1	.	.	102	0.37	1.0	15.2	31037	100
Armor	1550PRO2	208.6	223.8	.	98	0.38	1.0	16.5	31799	100
Croplan Genetics	6926 VT3 Pro	203.1	.	.	102	0.35	2.0	15.2	31908	100
DeKalb	DKC65-19	202.1	217.5	.	95	0.41	1.0	16.3	29512	100
Croplan Genetics	6640 VT3 Pro	201.0	232.4	**259.0**	100	0.36	2.0	15.2	30928	100
Armor	1414	201.0	.	.	102	0.38	1.0	15.3	29294	99
Croplan Genetics	7087 VT3P	199.7	.	.	97	0.38	1.0	16.4	30601	100
AgraTech	1777VIP	196.6	.	.	98	0.37	1.0	18.6	31145	100
T. A. Seeds	TA780-22DP	196.5	.	.	97	0.40	1.0	17.0	28750	100
Terral-REV®	17HR73™	193.3	216.1	.	96	0.36	1.0	15.1	31146	97
Mycogen	2C797	192.1	.	.	97	0.34	1.0	17.2	32997	100
Terral-REV®	18BHR84™	190.6	210.3	.	98	0.34	1.0	15.0	31472	99
Armor	1555SS	185.7	217.2	.	101	0.33	1.0	15.3	31472	100
Dyna-Gro	D53VC13	181.5	.	.	98	0.33	2.0	15.7	30928	100
Armor	1262PRO2	181.0	200.5	.	87	0.39	1.0	14.3	30274	100
Mycogen	2V777	179.6	.	.	97	0.35	1.0	16.6	29948	100
Augusta Seed	5565VT2 PRO	177.6	213.9	.	92	0.36	2.0	16.1	30601	100
Mycogen	2J794	169.2	.	.	99	0.31	2.0	16.5	31690	100
Augusta Seed	8064VT3 PRO	156.9	.	.	91	0.34	1.0	17.0	29077	100
Average		202.4[4]	225.7	255.7	98	0.38	1.3	16.5	31138	100
LSD at 10% Level		28.0	17.3	N.S.[5]	6	0.05	.	0.8	2008	N.S.
Std. Err. of Entry Mean		11.9	3.0	7.4	2	0.02	.	0.3	854	1

Tifton, Georgia:
Short-Season Corn Hybrid Performance, 2014, 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 = 11.7%, and df for EMS = 84.
5. The F-test indicated no statistical differences at the alpha = 0.10 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 3, 2014.
Harvested:	July 29, 2014.
Seeding Rate:	34,000 seeds per acre in 30-inch rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.1.
Fertilization:	123 lb N, 180 lb P_2O_5, and 300 lb K_2O/acre as preplant; 270 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Disked, subsoiled and bedded, rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone II used for nematode control; irrigated 11 inches.

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

Tifton, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%

A corn hybrid, irrigated trial was planted at this location on April 2, 2014. However, damage from nematodes to the grain crop during the growing season resulted in some very low grain yields and considerable variation in performance within and among plots in the test. After careful analysis and review of the data, it is the opinion of the editors that the results of this trial may not accurately reflect the genetic performance potential of all the test entries. Since this data is not useful for making decisions and could be misleading if used in making hybrid selections, it will not be presented in this publication.

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.

Planted: April 2, 2014.
Harvested: August 12, 2014.
Seeding Rate: 35,000 seeds per acre in 30-inch rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.0.
Fertilization: 123 lb N, 180 lb P_2O_5, and 300 lb K_2O/acre as preplant; 270 lb N/acre as sidedress.
Previous Crop: Soybeans.
Management: Disked, subsoiled and bedded, rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone II used for nematode control; irrigated 11 inches.

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

Tifton, Georgia:
Preliminary Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		------ bu/acre ------		no.	lb	rating	%	no.	%
Terral-REV®	28HR20™	**248.2**	.	101	0.47	1.0	18.9	30928	100
Pioneer	P1690YHR	**234.5**	.	106	0.39	1.0	17.8	32888	100
T. A. Seeds	X19919	**233.6**	.	102	0.41	1.0	18.1	32670	100
Syngenta NK	N83D-3000GT	**230.3**	.	100	0.44	1.0	20.0	31037	99
Pioneer	P1319HR	227.9	.	101	0.42	1.0	16.6	30819	100
AgraTech	76GVIP	221.5	.	100	0.39	2.0	18.7	32888	100
Armor	AXC3117A	219.0	.	100	0.38	1.0	18.4	33106	99
T. A. Seeds	X19920	216.0	.	102	0.40	1.0	17.6	30274	100
AgraTech	874 VT3 Pro	215.4	.	99	0.40	2.0	16.3	31254	100
T. A. Seeds	X19922	211.8	.	100	0.38	2.0	15.0	30928	100
T. A. Seeds	X19921	211.0	.	101	0.38	1.0	17.5	31364	100
Terral-REV®	17HR73™	207.9	.	102	0.35	2.0	15.1	32344	100
T. A. Seeds	X19455	205.7	233.6	100	0.35	2.0	16.6	32888	100
T. A. Seeds	X19918	204.5	.	101	0.39	1.0	17.5	29947	100
Syngenta NK	N70J-3011A	202.9	.	101	0.35	1.0	16.9	32452	100
Armor	AXT3111	196.1	.	104	0.35	1.0	15.1	30710	100
Dyna-Gro	D53VC13	192.9	.	99	0.34	2.0	15.5	32452	100
DeKalb	DKC65-19	183.3	.	98	0.37	1.0	15.6	28750	100
Armor	AXC3114	182.8	.	97	0.33	1.0	14.8	31908	100
Dyna-Gro	D57VP75	182.1	.	98	0.33	2.0	15.9	31363	100
Armor	AXC3117	169.9	.	97	0.31	1.0	16.1	31908	100
Average		209.4[4]	233.6	100	0.38	1.3	16.9	31566	100
LSD at 10% Level		17.9	.	3.8	0.03	.	0.6	1697	N.S.[5]
Std. Err. of Entry Mean		7.6	.	1.6	0.01	.	0.3	7.8	1

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 7.2%, and df for EMS = 60.
5. The F-test indicated no statistical differences at the alpha = 0.10 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 3, 2014.
Harvested: August 12, 2014.
Seeding Rate: 34,000 seeds per acre in 30-inch rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.1.
Fertilization: 123 lb N, 180 lb P_2O_5, and 300 lb K_2O/acre as preplant; 270 lb N/acre as sidedress.
Previous Crop: Soybeans.
Management: Disked, subsoiled and bedded, rototilled: Atrazine, Prowl, Accent, and Basagran used for weed control; Telone II used for nematode control; irrigated 11 inches.

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

Plains, Georgia:
Short-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Moist.[2]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	%	no.	%
Terral-REV®	25BHR44™	**206.4**	**195.2**	.	101	0.35	16.2	33324	100
Armor	1330	**198.1**	.	.	100	0.35	12.5	30819	100
Terral-REV®	23BHR55™	**193.2**	.	.	101	0.31	13.3	33759	100
Pioneer	P1319HR	191.1	**170.1**	.	100	0.35	12.6	29730	96
Syngenta NK	N70J-3011A	188.3	.	.	101	0.30	12.2	33868	99
Mycogen	2V777	185.8	.	.	103	0.29	11.9	33215	100
Terral-REV®	17HR73™	182.9	**173.6**	.	99	0.31	12.4	32235	99
T. A. Seeds	TA765-18	182.9	.	.	100	0.31	13.8	32955	98
Dyna-Gro	D55GT73	182.2	**176.1**	.	100	0.34	13.8	29403	91
Mycogen	2C797	179.2	.	.	100	0.31	13.6	31799	97
Dyna-Gro	D55QC73	177.1	.	.	99	0.32	14.2	31146	92
Terral-REV®	18BHR84™	174.8	**153.1**	.	98	0.32	12.3	30601	99
AgraTech	1777VIP	172.2	.	.	100	0.32	13.9	29870	96
Croplan Genetics	7087 VT3P	167.4	.	.	97	0.30	13.3	31581	99
Mycogen	2C786	166.2	.	.	98	0.29	13.2	32670	100
DeKalb	DKC65-19	165.3	**178.2**	.	98	0.31	12.7	29839	98
T. A. Seeds	TA744-22DP	164.3	.	.	103	0.27	12.2	32561	100
Mycogen	2J794	161.1	.	.	101	0.27	12.8	31690	99
T. A. Seeds	TA780-22DP	159.6	.	.	99	0.31	12.1	28314	95
Dyna-Gro	D55VP77	159.1	**173.8**	**204.9**	98	0.29	12.6	29948	99
Dyna-Gro	D53VC13	158.4	.	.	99	0.28	12.6	30819	96
Croplan Genetics	6926 VT3 Pro	156.3	.	.	99	0.27	12.4	31908	99
Armor	1555SS	154.8	**154.8**	.	96	0.28	12.6	31146	99
Armor	1262PRO2	150.5	**144.9**	.	103	0.26	11.8	30383	96
Croplan Genetics	6640 VT3 Pro	148.4	**157.6**	**193.6**	100	0.26	12.9	31037	96
Armor	1550PRO2	143.2	**144.9**	.	96	0.29	12.4	28096	97
Armor	1414	142.9	.	.	100	0.26	11.9	29615	92
Augusta Seed	8064VT3 PRO	142.7	.	.	94	0.27	12.6	30568	98
Augusta Seed	5565VT2 PRO	141.1	**171.9**	.	99	0.27	12.5	28641	100
Average		168.8 [3]	166.2	199.2	99	0.30	12.9	31087	97
LSD at 10% Level		14.0	N.S.[4]	N.S.	4	0.03	0.4	2438	4
Std. Err. of Entry Mean		6.0	6.3	2.4	2	0.01	0.2	1036	2

Plains, Georgia:
Short-Season Corn Hybrid Performance, 2014, Irrigated (Continued)

1. Yields calculated at 15.5% moisture.
2. Grain moisture at harvest.
3. CV = 7.1%, and df for EMS = 84.
4. The F-test indicated no statistical differences at the alpha = 0.10 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 14, 2014.
Harvested:	August 15, 2014.
Seeding Rate:	34,000 seeds per acre in 30-inch rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = Low, K = Medium, and pH = 6.6.
Fertilization:	143 lb N, 110 lb P_2O_5, and 52 lb K_2O/acre as preplant; 150 lb N/acre as sidedress.
Previous Crop:	Cotton.
Management:	Disked, chiseled, subsoiled and bedded, rototilled; Atrazine and Prowl used for weed control; irrigated 11 inches.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Plains, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Moist.[2]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	%	no.	%
Pioneer	P1794VYHR	**201.3**	.	.	100	0.36	14.1	31254	99
Syngenta NK	N79T-3111	**186.0**	**189.6**	.	100	0.37	15.4	27987	99
Pioneer	P1690YHR	**185.3**	**159.0**	.	109	0.28	12.9	32670	97
Syngenta NK	N82V-3111	180.4	**178.5**	**196.6**	99	0.33	15.9	30819	99
AgraTech	84GVIP	180.1	.	.	98	0.35	15.9	29512	93
Pioneer	P1529YHR	179.3	.	.	100	0.31	12.4	31472	93
Armor	1616	175.0	.	.	101	0.33	12.0	28859	98
Terral-REV®	26BHR50™	174.5	**163.8**	.	104	0.29	14.6	31908	95
Pioneer	P1739YHR	173.6	.	.	102	0.30	13.0	31690	100
T. A. Seeds	TA790-18	172.0	.	.	100	0.29	13.6	32452	98
DeKalb	DKC68-92	171.2	.	.	100	0.33	13.7	28532	98
Augusta Seed	8868VT3 PRO	169.6	.	.	102	0.30	12.1	30383	98
Augusta Seed	6866GTCBLL	169.4	.	.	98	0.38	15.9	25810	94
Terral-REV®	27HR83™	169.3	**123.6**	**162.1**	102	0.30	14.1	31037	100
Croplan Genetics	8621 VT2 Pro	168.1	**168.3**	**191.8**	100	0.29	11.8	30819	100
Augusta Seed	5566GTCBLL	165.6	.	.	97	0.32	13.9	30056	99
T. A. Seeds	TA774-13VP	165.4	.	.	105	0.28	12.1	30819	98
AgraTech	903A VIP	165.4	.	.	101	0.30	15.6	31037	76
Dyna-Gro	D56VC46	164.0	**154.2**	.	100	0.29	13.5	31036	99
Syngenta NK	N83D-3000GT	162.2	.	.	98	0.29	14.2	31145	95
Pioneer	P2023BVT	160.9	.	.	101	0.28	13.8	31581	99
Terral-REV®	28HR20™	160.2	**130.4**	**173.9**	100	0.28	14.1	31581	98
Terral-REV®	28R10™	158.8	**173.8**	**202.2**	98	0.29	14.2	30710	93
Dyna-Gro	D57VP51	157.9	**166.9**	**194.6**	100	0.27	13.8	31690	100
Augusta Seed	7767VT3 PRO	157.3	**144.1**	.	103	0.27	11.9	30492	98
Dyna-Gro	D57VP75	153.8	**142.5**	.	101	0.26	11.6	31254	96
ALA-FLO	9500	151.6	.	.	100	0.30	13.7	28859	98
Syngenta NK	N78S 3111	150.9	**117.7**	**155.9**	101	0.27	13.0	30492	99
DeKalb	DKC67-58	149.1	.	.	101	0.25	13.0	32017	95
Croplan Genetics	7927 VT3P	148.1	.	.	102	0.24	11.6	32343	87
Armor	1880PRO2	147.3	**157.3**	.	98	0.27	12.2	29839	99
Mycogen	2Y816	145.0	.	.	109	0.23	14.0	32670	95
T. A. Seeds	TA784-13VP	144.0	.	.	98	0.25	11.5	31254	91
Augusta Seed	7768GT3110	143.2	.	.	100	0.29	14.3	27443	58
AgraTech	966VT3P	134.9	.	.	101	0.27	15.0	27988	91
Average		164.0[3]	155.0	182.4	101	0.29	13.6	30557	95
LSD at 10% Level		14.0	N.S.[4]	N.S.	4	0.03	0.4	2438	4
Std. Err. of Entry Mean		6.0	6.3	2.4	2	0.01	0.2	1036	2

Plains, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Irrigated
(Continued)

1. Yields calculated at 15.5% moisture.
2. Grain moisture at harvest.
3. CV = 9.0%, and df for EMS = 102.
4. The F-test indicated no statistical differences at the alpha = 0.10 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 14, 2014.
Harvested:	August 15, 2014.
Seeding Rate:	33,000 seeds per acre in 30-inch rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = Low, K = Medium, and pH = 6.6.
Fertilization:	143 lb N, 110 lb P_2O_5, and 52 lb K_2O/acre as preplant; 150 lb N/acre as sidedress.
Previous Crop:	Cotton.
Management:	Disked, chiseled, subsoiled and bedded, rototilled; Atrazine and Prowl used for weed control; irrigated 11 inches.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Midville, Georgia:
Short-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
Pioneer	P1319HR	**274.8**	**228.7**	.	100	0.50	2.0	14.9	30492	100
Dyna-Gro	D55QC73	**274.1**	.	.	100	0.49	2.0	15.6	31672	99
Terral-REV®	25BHR44™	**273.0**	223.1	.	99	0.50	2.0	17.0	31581	100
T. A. Seeds	TA765-18	**266.3**	.	.	100	0.51	2.0	15.5	29403	100
Terral-REV®	23BHR55™	**265.2**	.	.	99	0.50	2.0	15.2	29948	100
Dyna-Gro	D55GT73	**264.2**	**239.9**	.	100	0.51	2.0	15.8	29222	100
Syngenta NK	N70J-3011A	**261.2**	.	.	102	0.44	2.0	14.9	32398	100
Mycogen	2C797	**258.3**	.	.	102	0.44	2.0	15.7	32216	100
AgraTech	1777VIP	255.2	.	.	100	0.47	2.0	15.8	30220	99
Croplan Genetics	6926 VT3 Pro	244.9	.	.	100	0.44	2.0	13.0	30401	98
Mycogen	2V777	244.6	.	.	101	0.44	2.0	15.1	30674	94
T. A. Seeds	TA780-22DP	243.9	.	.	101	0.46	2.0	14.0	28859	100
Terral-REV®	17HR73™	237.9	209.3	.	101	0.41	2.0	14.4	31763	100
Mycogen	2J794	237.6	.	.	103	0.41	2.0	15.5	31672	100
Dyna-Gro	D55VP77	234.4	201.8	**229.2**	101	0.44	1.0	13.8	28949	100
Armor	1414	233.8	.	.	100	0.45	2.0	13.3	28496	100
Terral-REV®	18BHR84™	233.6	201.1	.	99	0.43	2.0	14.1	30220	100
Armor	1330	229.7	.	.	99	0.46	2.0	13.8	27860	100
T. A. Seeds	TA744-22DP	229.2	.	.	100	0.43	1.0	13.0	28859	100
Armor	1262PRO2	228.9	173.1	.	99	0.41	2.0	11.8	30311	100
Croplan Genetics	7087 VT3P	226.2	.	.	100	0.43	2.0	15.8	29766	99
Mycogen	2C786	225.2	.	.	101	0.41	2.0	17.2	31400	100
DeKalb	DKC65-19	222.5	166.8	.	100	0.44	1.0	13.6	27679	99
Dyna-Gro	D53VC13	222.2	.	.	99	0.44	1.0	13.8	28405	100
Armor	1550PRO2	216.0	185.9	.	96	0.44	2.0	13.7	28314	100
Augusta Seed	8064VT3 PRO	215.6	.	.	94	0.42	2.0	13.2	29857	100
Armor	1555SS	214.9	175.6	.	97	0.41	1.0	13.8	29766	98
Croplan Genetics	6640 VT3 Pro	208.5	189.4	**231.0**	100	0.42	2.0	12.2	26953	100
Augusta Seed	5565VT2 PRO	194.3	191.4	.	100	0.38	2.0	13.2	27860	96
Average		239.2[4]	198.8	230.1	100	0.45	1.8	14.4	29835	99
LSD at 10% Level		18.9	16.4	N.S.[5]	3	0.03	.	0.8	2125	N.S.
Std. Err. of Entry Mean		8.0	7.0	5.3	1	0.01	.	0.3	903	1

Midville, Georgia:
Short-Season Corn Hybrid Performance, 2014, 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 = 6.7%, and df for EMS = 84.
5. The F-test indicated no statistical differences at the alpha = 0.10 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 25, 2014.
Harvested:	August 28, 2014.
Seeding Rate:	33,000 seeds per acre in 36-inch rows.
Soil Type:	Dothan loamy sand.
Soil Test:	P = Medium, K = Medium, and pH = 6.2.
Fertilization:	100 lb N, 180 lb P_2O_5, and 240 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop:	Peanuts.
Management:	Disked, subsoiled and bedded; Atrazine and Prowl used for weed control; Bifintherin used for insect control; Headline used for fungal control; Telone II used for nematode control; irrigated 11 inches.

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

Midville, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
Terral-REV®	26BHR50™	**255.6**	**233.5**	.	100	0.49	1.0	16.5	29857	97
Pioneer	P1794VYHR	**254.6**	.	.	104	0.43	1.0	16.6	32216	100
Terral-REV®	28HR20™	**250.4**	**233.9**	**256.3**	99	0.47	1.0	16.7	30855	99
Terral-REV®	27HR83™	**248.2**	**239.7**	**253.2**	100	0.45	2.0	16.6	30946	100
Croplan Genetics	8621 VT2 Pro	**247.6**	**232.8**	**251.3**	99	0.50	2.0	14.4	27679	100
ALA-FLO	9500	**247.1**	.	.	100	0.45	2.0	16.0	31309	100
T. A. Seeds	TA784-13VP	**245.1**	.	.	99	0.45	2.0	15.4	30764	100
Syngenta NK	N78S 3111	**243.2**	**235.3**	**251.6**	99	0.46	1.0	17.7	30946	100
Pioneer	P1690YHR	**241.8**	**239.2**	.	103	0.42	1.0	15.8	31581	100
Terral-REV®	28R10™	**240.1**	**232.7**	**253.6**	98	0.51	2.0	16.3	27497	100
T. A. Seeds	TA790-18	**238.0**	.	.	102	0.41	1.0	16.4	32126	100
Syngenta NK	N83D-3000GT	**236.3**	.	.	99	0.47	1.0	18.4	29766	100
Augusta Seed	7768GT3110	**232.7**	.	.	103	0.42	1.0	18.2	30855	99
AgraTech	903A VIP	**232.2**	.	.	100	0.45	1.0	18.5	29766	98
Croplan Genetics	7927 VT3P	230.1	.	.	100	0.42	1.0	15.8	31037	100
Augusta Seed	8868VT3 PRO	230.1	.	.	100	0.41	1.0	14.2	30855	98
Dyna-Gro	D57VP75	230.0	**198.3**	.	96	0.45	1.0	15.0	29857	99
Pioneer	P1529YHR	229.2	.	.	103	0.38	1.0	15.1	32579	100
AgraTech	84GVIP	225.1	.	.	97	0.46	1.0	16.4	28496	99
Syngenta NK	N82V-3111	224.9	**213.6**	235.2	103	0.43	1.0	16.8	29675	99
Armor	1880PRO2	224.8	**222.1**	.	98	0.40	1.0	14.6	31400	99
Pioneer	P1739YHR	224.7	.	.	98	0.42	2.0	16.0	30674	100
DeKalb	DKC68-92	222.3	.	.	98	0.46	2.0	16.8	28314	100
Augusta Seed	5566GTCBLL	222.1	.	.	102	0.44	1.0	18.5	28677	100
Pioneer	P2023BVT	221.9	.	.	101	0.38	2.0	15.9	32579	100
Dyna-Gro	D57VP51	219.0	**215.9**	240.3	103	0.37	1.0	16.1	32670	100
Mycogen	2Y816	218.1	.	.	100	0.39	1.0	17.8	31944	100
T. A. Seeds	TA774-13VP	217.3	.	.	100	0.39	1.0	15.9	31309	100
DeKalb	DKC67-58	215.8	.	.	99	0.42	1.0	15.2	29131	100
AgraTech	966VT3P	215.7	.	.	99	0.42	2.0	17.1	30129	100
Augusta Seed	7767VT3 PRO	215.1	**221.3**	.	101	0.40	1.0	15.4	29675	100
Augusta Seed	6866GTCBLL	211.8	.	.	100	0.40	1.0	16.6	30038	90
Dyna-Gro	D56VC46	211.3	**212.8**	.	101	0.38	2.0	16.7	31127	100
Syngenta NK	N79T-3111	199.0	**203.5**	.	98	0.40	1.0	17.0	29131	93
Armor	1616	196.9	.	.	100	0.38	2.0	15.3	29403	100
Average		229.1[4]	223.9	248.8	100	0.43	1.3	16.3	30425	99
LSD at 10% Level		24.7	N.S.[5]	11.5	4	0.05	.	0.9	2106	2
Std. Err. of Entry Mean		10.5	6.9	4.9	2	0.02	.	0.4	897	1

Midville, Georgia:
Mid-Season Corn Hybrid Performance, 2014, 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 = 9.2%, and df for EMS = 102.
5. The F-test indicated no statistical differences at the alpha = 0.10 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 25, 2014.
Harvested:	August 28, 2014.
Seeding Rate:	33,000 seeds per acre in 36-inch rows.
Soil Type:	Dothan loamy sand.
Soil Test:	P = Medium, K = Medium, and pH = 6.2.
Fertilization:	100 lb N, 180 lb P_2O_5, and 240 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop:	Peanuts.
Management:	Disked, subsoiled and bedded; Atrazine and Prowl used for weed control; Bifintherin used for insect control; Headline used for fungal control; Telone II used for nematode control; irrigated 11 inches.

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

Piedmont Region

Griffin, Georgia:
Short-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
Terral-REV®	25BHR44™	**191.8**	**231.7**	.	100	0.35	2.0	18.9	31944	100
Terral-REV®	23BHR55™	**179.1**	.	.	100	0.32	2.3	17.1	32186	100
Mycogen	2C786	176.5	.	.	102	0.31	2.0	19.0	32791	99
Syngenta NK	N70J-3011A	173.2	.	.	100	0.31	2.9	16.9	32186	100
T. A. Seeds	TA780-22DP	172.6	.	.	101	0.31	2.0	16.2	30976	99
Mycogen	2V777	171.0	.	.	104	0.30	2.0	18.3	32186	100
Dyna-Gro	D55QC73	169.3	.	.	102	0.29	1.6	17.9	32670	100
Pioneer	P1319HR	168.3	**222.9**	.	100	0.30	2.0	16.8	32428	100
Armor	1330	168.2	.	.	101	0.30	2.0	16.2	31339	100
Dyna-Gro	D55GT73	166.6	.	.	101	0.30	1.9	17.3	31218	100
Mycogen	2C797	162.4	.	.	101	0.29	2.1	20.0	32791	100
T. A. Seeds	TA765-18	157.9	.	.	102	0.29	1.9	17.8	30976	100
AgraTech	1777VIP	157.4	.	.	102	0.28	1.6	18.0	31460	100
Terral-REV®	17HR73™	153.8	199.6	.	100	0.28	2.3	15.8	30976	100
Terral-REV®	18BHR84™	151.4	202.7	.	101	0.27	2.5	16.0	31097	100
Mycogen	2J794	150.4	.	.	103	0.26	2.4	18.8	32670	100
T. A. Seeds	TA744-22DP	150.4	.	.	100	0.26	2.0	15.8	32186	100
Dyna-Gro	D55VP77	150.3	204.8	.	100	0.28	2.0	16.9	30613	100
Armor	1262PRO2	141.0	186.1	.	99	0.25	2.1	14.5	31218	100
Augusta Seed	8064VT3 PRO	140.1	.	.	96	0.28	2.0	16.9	29524	100
Dyna-Gro	D53VC13	139.9	.	.	97	0.26	2.1	15.9	31097	100
Armor	1555SS	138.3	192.4	.	99	0.26	2.0	16.5	30613	100
Armor	1414	138.3	.	.	99	0.26	2.1	15.0	29645	100
Armor	1550PRO2	137.8	188.1	.	97	0.27	1.8	16.9	30008	100
DeKalb	DKC65-19	136.3	192.9	.	98	0.27	2.0	16.0	28677	100
Augusta Seed	5565VT2 PRO	131.6	196.0	.	100	0.27	1.9	16.2	27467	100
Average		156.7[4]	201.7	.	100	0.29	2.1	17.0	31190	100
LSD at 10% Level		15.2	12.0	.	3	0.03	0.3	1.3	1641	N.S.[5]
Std. Err. of Entry Mean		6.4	5.1	.	1	0.01	0.1	0.5	697	0.2

Griffin, Georgia:
Short-Season Corn Hybrid Performance, 2014, 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 = 8.2%, and df for EMS = 75.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an 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, 2014.
Harvested:	August 21, 2014.
Seeding Rate:	33,000 seeds per acre in 30-inch rows.
Soil Type:	Pacolet sandy loam.
Soil Test:	P = Medium, K = High, and pH = 6.0.
Fertilization:	75 lb N, 150 lb P_2O_5, and 225 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Subsoiled, disked, and rototilled; Lasso, Atrazine, Callisto, and Option used for weed control; irrigated 13 inches.

Test conducted by H. Jordan and G. Ware.

Griffin, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
Pioneer	P1529YHR	**181.0**	.	.	101	0.32	2.3	16.3	32065	100
Terral-REV®	26BHR50™	**168.2**	**220.5**	.	101	0.30	1.8	19.2	32307	100
Terral-REV®	28R10™	**166.1**	**215.9**	**209.8**	100	0.32	1.8	18.0	29645	100
DeKalb	DKC68-92	**165.3**	.	.	102	0.30	1.8	19.8	31823	100
Pioneer	P1690YHR	163.7	**215.5**	.	101	0.29	2.1	18.3	32307	100
Terral-REV®	27HR83™	160.0	**215.3**	**211.7**	102	0.29	1.5	19.2	31823	100
Syngenta NK	N83D-3000GT	159.8	.	.	98	0.31	2.0	19.2	31097	100
Dyna-Gro	D57VP51	158.6	**220.4**	.	102	0.28	1.9	19.3	32186	100
Pioneer	P2023BVT	158.3	.	.	100	0.29	1.6	18.9	31823	100
Augusta Seed	5566GTCBLL	158.0	.	.	102	0.29	2.1	19.6	31460	100
T. A. Seeds	TA790-18	157.0	.	.	103	0.27	2.0	18.8	32912	100
Dyna-Gro	D56VC46	155.6	.	.	101	0.28	2.1	18.6	32549	100
Terral-REV®	28HR20™	155.2	**212.1**	**213.1**	102	0.28	2.0	19.4	32065	100
Mycogen	2Y816	149.9	.	.	103	0.26	2.0	19.7	32912	100
Augusta Seed	8868VT3 PRO	146.7	.	.	102	0.25	2.0	17.2	32428	100
Augusta Seed	7767VT3 PRO	145.6	**208.9**	.	103	0.26	2.0	18.0	32186	100
DeKalb	DKC67-58	144.9	.	.	101	0.25	1.8	17.7	32549	100
Armor	1616	143.1	.	.	102	0.26	2.3	17.9	31339	100
Dyna-Gro	D57VP75	141.0	199.0	.	100	0.25	2.0	16.9	31702	100
T. A. Seeds	TA784-13VP	140.9	.	.	100	0.26	2.0	16.4	30613	100
AgraTech	966VT3P	140.1	.	.	100	0.26	1.8	19.8	31581	100
T. A. Seeds	TA774-13VP	135.8	.	.	101	0.24	2.1	17.5	32791	100
Armor	1880PRO2	135.3	192.8	.	96	0.26	1.8	16.9	31218	100
Average		153.5[4]	211.1	211.5	101	0.28	1.9	18.4	31886	100
LSD at 10% Level		17.1	14.4	N.S.[5]	3	0.03	0.3	1.3	1292	N.S.
Std. Err. of Entry Mean		7.2	6.1	6.6	1	0.01	0.1	0.6	548	1

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 = 66.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an 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, 2014.
Harvested: August 21, 2014.
Seeding Rate: 33,000 seeds per acre in 30-inch rows.
Soil Type: Pacolet sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.0.
Fertilization: 75 lb N, 150 lb P_2O_5, and 225 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop: Soybeans.
Management: Subsoiled, disked, and rototilled; Lasso, Atrazine, Callisto, and Option used for weed control; irrigated 13 inches.

Test conducted by H. Jordan and G. Ware.

North Georgia Region

Calhoun, Georgia:
Short-Season Corn Hybrid Performance, 2014, Nonirrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
Terral-REV®	24BHR93™	**230.7**	**230.8**	**183.5**	102	0.42	1.9	16.5	30285	100
Pioneer	P1319HR	**225.2**	**227.3**	.	100	0.46	2.0	16.6	27692	100
Terral-REV®	23BHR55™	**222.7**	.	.	98	0.48	2.3	16.3	27070	100
Terral-REV®	17HR73™	**220.8**	207.1	.	102	0.39	2.0	15.8	31010	100
Terral-REV®	25BHR44™	**220.0**	**223.4**	.	101	0.47	1.9	18.1	26862	100
Syngenta NK	N70J-3011A	**214.2**	.	.	102	0.39	2.5	16.0	30181	100
Mycogen	2C797	**213.9**	.	.	100	0.42	2.0	17.0	29248	100
Croplan Genetics	7087 VT3P	208.4	.	.	99	0.45	2.0	17.0	26655	100
Terral-REV®	22BHR43™	207.8	211.0	**169.3**	99	0.40	2.0	16.8	29870	100
AgraTech	1777VIP	207.5	.	.	100	0.42	1.4	17.4	29040	100
Armor	1414	200.2	.	.	99	0.41	2.1	14.9	27381	99
Dyna-Gro	D55VP77	199.8	.	.	100	0.38	2.0	16.3	29559	100
Armor	1330	198.9	.	.	99	0.42	2.1	16.5	27381	100
Mycogen	2V777	196.3	.	.	101	0.38	2.0	15.4	28521	100
DeKalb	DKC65-19	195.1	160.2	.	101	0.37	1.5	15.6	29248	100
Dyna-Gro	D53VC13	194.9	.	.	98	0.40	2.0	15.6	27795	99
Mycogen	2J794	190.6	.	.	100	0.36	2.0	15.4	29455	100
Armor	1262PRO2	189.7	.	.	98	0.37	2.0	13.8	29040	100
Croplan Genetics	6926 VT3 Pro	189.3	152.4	**144.3**	101	0.36	1.9	16.5	29559	99
Terral-REV®	18BHR84™	188.7	199.2	.	99	0.40	2.4	15	26862	100
Armor	1550PRO2	187.9	.	.	96	0.43	2.0	16	25721	100
Mycogen	2C786	187.4	.	.	101	0.40	2.0	15.1	26032	100
Armor	1555SS	186.6	.	.	100	0.37	1.9	15.4	28522	100
T. A. Seeds	TA780-22DP	183.6	.	.	99	0.38	1.8	17.4	28003	100
Croplan Genetics	6640 VT3 Pro	178.0	182.7	**165.8**	101	0.34	2.0	14.3	28729	100
Augusta Seed	8064VT3 PRO	176.2	.	.	96	0.39	2.0	16.1	26655	100
Average		200.5[4]	199.3	165.7	100	0.40	2.0	16.0	28322	100
LSD at 10% Level		17.2	13.6	N.S.[5]	3	0.04	0.3	1.2	2683	N.S.
Std. Err. of Entry Mean		7.3	5.7	4.6	1	0.02	0.1	0.5	1139	1

Calhoun, Georgia:
Short-Season Corn Hybrid Performance, 2014, 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 = 7.3%, and df for EMS = 75.
5. The F-test indicated no statistical differences at the alpha = 0.10 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 24, 2014.
Harvested:	September 3, 2014.
Seeding Rate:	31,500 seeds per acre in 30-inch rows.
Soil Type:	Waynesboro loam.
Soil Test:	P = Very High, K = Very High, and pH = 5.9.
Fertilization:	115 lb N, 70 lb P_2O_5, and 230 lb K_2O/acre as preplant; 150 lb N/acre as sidedress.
Previous Crop:	Fallow.
Management:	Moldboard plowed, disked, and rototilled; Me-too-lachlor, Callisto, Accent, and Atrazine used for weed control with one cultivation.

Test conducted by H. Jordan, G. Ware, and J. Stubbs.

Calhoun, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Nonirrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%
Pioneer	P1690YHR	**218.6**	**227.2**	.	100	0.49	2.0	16.4	25514	99
Terral-REV®	28HR20™	**217.8**	**212.8**	**157.7**	104	0.46	2.0	17.4	26032	100
Croplan Genetics	7927 VT3P	**207.0**	.	.	100	0.48	2.0	15.6	24580	98
Syngenta NK	N83D-3000GT	197.7	.	.	101	0.44	2.0	17.5	25929	99
Croplan Genetics	8621 VT2 Pro	196.6	**198.4**	**181.5**	100	0.41	2.0	15.9	27277	100
DeKalb	DKC68-92	196.3	.	.	102	0.43	2.0	16.7	25929	100
Augusta Seed	8868VT3 PRO	195.6	.	.	100	0.43	2.0	16.1	25721	100
Terral-REV®	27HR83™	190.7	**202.8**	**165.8**	102	0.42	1.9	16.6	25825	100
Armor	1616	190.2	.	.	100	0.41	2.0	16.6	26447	100
Terral-REV®	28R10™	190.1	**184.1**	**142.5**	99	0.47	2.0	17.3	23128	100
Armor	1880PRO2	187.5	.	.	100	0.41	1.8	15.1	25721	100
Augusta Seed	5566GTCBLL	187.1	.	.	100	0.42	2.0	17.2	25306	100
Dyna-Gro	D56VC46	183.0	.	.	101	0.38	2.0	16.1	26551	100
DeKalb	DKC67-58	181.4	.	.	104	0.37	1.8	16.4	26447	100
Pioneer	P2023BVT	181.0	.	.	100	0.44	2.0	16.5	23751	99
Pioneer	P1529YHR	180.8	.	.	100	0.39	2.0	15.7	25825	100
T. A. Seeds	TA784-13VP	179.7	.	.	98	0.40	2.0	15.7	25410	100
Dyna-Gro	D57VP51	177.0	.	.	104	0.40	1.9	15.3	24166	100
Mycogen	2Y816	175.5	.	.	100	0.40	2.0	16.0	24892	100
Dyna-Gro	D57VP75	175.2	**197.1**	.	99	0.39	2.0	16.3	25929	100
AgraTech	966VT3P	171.1	.	.	98	0.40	1.8	16.6	24995	99
Average		189.5[4]	203.7	161.9	100	0.42	2.0	16.3	25494	100
LSD at 10% Level		18.7	N.S.[5]	N.S.	N.S.	0.06	0.2	0.9	N.S.	N.S.
Std. Err. of Entry Mean		7.9	7.5	5.4	2	0.02	0.1	0.4	1035	1

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 8.3%, and df for EMS = 60.
5. The F-test indicated no statistical differences at the alpha = 0.10 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 24, 2014.
Harvested: September 18, 2014.
Seeding Rate: 28,000 seeds per acre in 30-inch rows.
Soil Type: Waynesboro loam.
Soil Test: P = Very High, K = Very High, and pH = 5.9.
Fertilization: 115 lb N, 70 lb P_2O_5, and 230 lb K_2O/acre as preplant; 150 lb N/acre as sidedress.
Previous Crop: Fallow.
Management: Moldboard plowed, disked, and rototilled; Me-too-lachlor, Callisto, Accent, and Atrazine used for weed control with one cultivation.

Test conducted by H. Jordan, G. Ware, and J. Stubbs.

Calhoun, Georgia:
Short-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%

A corn hybrid, irrigated trial was planted at this location on April 24, 2014. However, damage to the grain drop due to low soil pH during the growing season resulted in some very low grain yields and considerable variation in performance within and among plots in the test. After careful analysis and review of the data, it is the opinion of the editors that the results of this trial may not accurately reflect the genetic performance potential of all the test entries. Since this data is not useful for making decisions and could be misleading if used in making hybrid selections, it will not be presented in this publication.

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.

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

Planted: April 24, 2014.
Harvested: September 9, 2014.
Seeding Rate: 26,500 seeds per acre in 30-inch rows.
Soil Type: Rome gravelly clay loam.
Soil Test: P = Very High, K = High, and pH = 5.9.
Fertilization: 135 lb N, 70 lb P_2O_5, and 230 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop: Soybeans.
Management: Moldboard plowed, disked, and rototilled; Me-too-lachlor, Callisto, Accent, and Atrazine used for weed control with one cultivation; irrigated 10 inches.

Test conducted by H. Jordan, G. Ware, and J. Stubbs.

Calhoun, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Irrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.	Erect Plants
		-------- bu/acre --------			no.	lb	rating	%	no.	%

A corn hybrid, irrigated trial was planted at this location on April 24, 2014. However, damage to the grain drop due to low soil pH during the growing season resulted in some very low grain yields and considerable variation in performance within and among plots in the test. After careful analysis and review of the data, it is the opinion of the editors that the results of this trial may not accurately reflect the genetic performance potential of all the test entries. Since this data is not useful for making decisions and could be misleading if used in making hybrid selections, it will not be presented in this publication.

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.

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

Planted:	April 24, 2014.
Harvested:	September 9, 2014.
Seeding Rate:	26,500 seeds per acre in 30-inch rows.
Soil Type:	Rome gravelly clay loam.
Soil Test:	P = Very High, K = High, and pH = 5.9.
Fertilization:	135 lb N, 70 lb P_2O_5, and 230 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Moldboard plowed, disked, and rototilled; Me-too-lachlor, Callisto, Accent, and Atrazine used for weed control with one cultivation; irrigated 10 inches.

Test conducted by H. Jordan, G. Ware, and J. Stubbs.

Blairsville, Georgia:
Short-Season Corn Hybrid Performance, 2014, Nonirrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.
		-------- bu/acre --------			no.	lb	rating	%	no.
Terral-REV®	23BHR55™	**277.4**	.	.	102	0.43	1.6	18.0	36542
AgraTech	1777VIP	**277.1**	.	.	103	0.44	1.8	17.6	35332
Mycogen	2J794	**274.7**	.	.	99	0.47	1.8	18.7	34364
Terral-REV®	17HR73™	**268.5**	**248.3**	.	101	0.44	2.0	18.1	34606
Dyna-Gro	D55VP77	**265.5**	.	.	100	0.47	2.3	18.4	33033
Croplan Genetics	7087 VT3P	**265.1**	.	.	97	0.50	1.8	18.1	32065
Pioneer	P1319HR	**264.6**	**255.5**	.	100	0.44	1.3	17.6	34848
Terral-REV®	24BHR93™	**263.1**	**255.0**	**259.8**	102	0.46	1.5	17.4	32549
Mycogen	2C797	**261.7**	.	.	100	0.44	1.5	18.3	34364
Syngenta NK	N70J-3011A	**259.4**	.	.	100	0.42	2.1	18.0	35332
Dyna-Gro	D53VC13	**254.8**	.	.	98	0.47	1.8	18.5	32186
DeKalb	DKC65-19	**253.2**	**233.6**	.	100	0.42	2.0	17.6	34243
Augusta Seed	8064VT3 PRO	**252.9**	.	.	97	0.44	1.9	17.3	34243
Terral-REV®	22BHR43™	**250.2**	**245.3**	**240.8**	100	0.43	1.6	18.3	33880
T. A. Seeds	TA780-22DP	**249.8**	.	.	100	0.41	1.4	19.4	35937
Terral-REV®	25BHR44™	**247.7**	**234.6**	.	101	0.43	1.4	18.6	33396
Croplan Genetics	6926 VT3 Pro	237.1	**233.8**	237.9	99	0.39	1.6	17.8	35211
Mycogen	2V777	224.0	.	.	100	0.38	2.0	19.1	34606
Croplan Genetics	6640 VT3 Pro	223.7	215.0	228.0	101	0.41	1.5	17.8	31339
Augusta Seed	5565VT2 PRO	223.6	.	.	106	0.38	1.6	18.6	32428
Terral-REV®	18BHR84™	212.6	221.6	.	100	0.36	2.0	17.1	33638
Mycogen	2C786	182.8	.	.	103	0.28	2.1	19.1	36784
Average		249.5[4]	238.1	241.6	100	0.42	1.7	18.2	34133
LSD at 10% Level		30.6	22.2	21.6	N.S.[5]	0.06	N.S.	N.S.	2757
Std. Err. of Entry Mean		13.0	9.4	9.0	2	0.02	0.3	0.6	1168

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 10.4%, and df for EMS = 63.
5. The F-test indicated no statistical differences at the alpha = 0.10 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: May 2, 2014.
Harvested: October 20, 2014.
Seeding Rate: 37,000 seeds per acre in 30-inch rows.
Soil Type: Suches loam.
Soil Test: P = Very High, K = High, and pH = 6.1.
Fertilization: 212 lb N, 200 lb P_2O_5, and 122 lb K_2O/acre as preplant; 184 lb N/acre as sidedress.
Previous Crop: Soybeans.
Management: Moldboard plowed and harrowed; Atrazine, Dual Magnum, and Simazine used for weed control.

Test conducted by H. Jordan, G. Ware, and R. Covington.

Blairsville, Georgia:
Mid-Season Corn Hybrid Performance, 2014, Nonirrigated

Company or Brand Name	Hybrid Name	Yield[1] 2014	Yield[1] 2-Yr Avg	Yield[1] 3-Yr Avg	Ears/ 100 Plants	Ear Grain Wt.	Grain Quality[2]	Grain Moist.[3]	Plant Pop.
		-------- bu/acre --------			no.	lb	rating	%	no.
Terral-REV®	28HR20™	**318.1**	**281.0**	**280.8**	103	0.49	1.9	18.9	36905
Terral-REV®	27HR83™	**309.5**	**269.1**	**278.1**	104	0.48	1.5	18.0	36058
Croplan Genetics	7927 VT3P	273.2	.	.	101	0.49	1.5	20.5	32670
Pioneer	P2023BVT	268.9	.	.	101	0.45	1.4	17.5	34364
T. A. Seeds	TA784-13VP	265.0	.	.	101	0.45	1.8	20.5	34727
Pioneer	P1690YHR	258.7	**258.3**	.	101	0.45	1.8	18.9	33154
Dyna-Gro	D57VP75	250.0	**244.0**	.	101	0.43	2.5	19.5	34243
Pioneer	P1529YHR	249.7	.	.	100	0.41	1.4	18.8	35816
Terral-REV®	28R10™	247.9	**245.0**	**256.4**	96	0.52	2.0	19.5	29766
DeKalb	DKC68-92	247.3	.	.	98	0.45	1.5	19.5	33396
Croplan Genetics	8621 VT2 Pro	246.2	**252.4**	**246.6**	100	0.41	1.5	18.8	34848
AgraTech	966VT3P	245.5	.	.	101	0.40	1.4	19.2	35453
Dyna-Gro	D56VC46	237.4	.	.	99	0.45	1.6	20.6	32186
DeKalb	DKC67-58	235.7	.	.	100	0.42	1.6	19.1	33033
Augusta Seed	8868VT3 PRO	231.1	.	.	99	0.44	1.9	20.2	31460
Mycogen	2Y816	227.6	.	.	100	0.38	1.8	19.8	35695
Syngenta NK	N83D-3000GT	216.9	.	.	100	0.38	1.9	20.6	34364
Dyna-Gro	D57VP51	215.1	.	.	99	0.37	1.6	19.1	33880
Augusta Seed	5566GTCBLL	203.6	.	.	99	0.38	1.0	21.6	33275
Average		249.9[4]	258.3	265.5	100	0.43	1.7	19.5	33963
LSD at 10% Level		34.2	N.S.[5]	N.S.	3	0.06	0.6	1.6	2835
Std. Err. of Entry Mean		14.4	10.1	6.8	1	0.03	0.2	0.7	1198

1. Yields calculated at 15.5% moisture.
2. Grain quality rating: 1 = excellent to 5 = poor.
3. Grain moisture at harvest.
4. CV = 11.6%, and df for EMS = 54.
5. The F-test indicated no statistical differences at the alpha = 0.10 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: May 2, 2014.
Harvested: October 20, 2014.
Seeding Rate: 37,000 seeds per acre in 30-inch rows.
Soil Type: Suches loam.
Soil Test: P = Very High, K = High, and pH = 6.1.
Fertilization: 212 lb N, 200 lb P_2O_5, and 122 lb K_2O/acre as preplant; 184 lb N/acre as sidedress.
Previous Crop: Soybeans.
Management: Moldboard plowed and harrowed; Atrazine, Dual Magnum, and Simazine used for weed control.

Test conducted by H. Jordan, G. Ware, and R. Covington.

Silage Test Results

Summary of Evaluations of Corn Hybrids for Silage: Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2014

Company or Brand Name	Hybrid Name	Quality Factors[1] Milk Production[2] lbs/ton DM	Milk Production[2] lbs/acre	Grain Portion	Dry Matter Yield Statewide Average	Blairsville	Calhoun	Griffin	Tifton
				%	---------- tons/acre ----------				
Short-Season									
Croplan Genetics	7087 VT3P	3724	35591	55	.	13.3	7.8	.	9.7
DeKalb	DKC61-79	3687	31995	57	8.1	11.1	5.5	6.6	9.1
DeKalb	DKC64-69	3641	38935	53	9.5	10.5	9.0	8.5	10.1
Dyna-Gro	D55GT73	3654	**42541**	56	10.3	11.0	9.8	8.6	11.7
Dyna-Gro	D55QC73	3705	40179	52	.	.	7.8	8.4	11.4
MC	EXP 600M	3798	34981	55	9.1	11.1	7.7	8.3	9.2
MC	MCT-630GT	3582	35232	55	10.2	12.7	10.3	7.3	10.3
MC	MCT-6583	3574	36796	56	.	.	.	7.8	10.3
Mycogen	TMF2H747	3784	**44569**	57	9.3	11.3	7.1	7.4	11.6
Mycogen	TMF2R737	3625	38777	50	10.4	12.6	8.9	9.1	11.0
Pioneer	P1319HR	3637	39472	57	10.1	12.9	7.6	8.6	11.2
T. A. Seeds	TA744-22DP	3788	34241	54	.	.	.	6.9	9.4
T. A. Seeds	TA765-18	3680	**42871**	53	.	.	.	8.5	11.7
T. A. Seeds	TA780-22DP	3774	40417	61	10.0	13.0	8.9	7.7	10.5
T. A. Seeds	X19918	**3809**	37337	60	.	.	.	.	9.7
Average		*3698*	*38262*	*55*	*9.7*	*12.0*	*8.2*	*8.0*	*10.5*

Summary of Evaluations of Corn Hybrids for Silage: Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2014 (Continued)

Company or Brand Name	Hybrid Name	Quality Factors[1] Milk Production[2] lbs/ton DM	Milk Production[2] lbs/acre	Grain Portion	Dry Matter Yield Statewide Average	Blairsville	Calhoun	Griffin	Tifton
				%	---------- tons/acre ----------				
Mid-Season									
AgraTech	1023VIP	3369	**44146**	44	.	.	.	.	12.8
AgraTech	76GVIP	**3912**	**41852**	63	.	10.5	.	.	10.7
AgraTech	84GVIP	**3867**	38433	62	9.8	11.7	8.7	9.0	9.9
AgraTech	868VT3P	3635	39390	50	.	.	.	.	10.8
AgraTech	999VIP	3568	**42278**	48	**11.0**	13.1	9.6	8.9	12.3
Croplan Genetics	7927 VT3P	**3840**	39554	55	.	12.7	9.2	.	10.8
Croplan Genetics	8621 VT2 Pro	3686	37755	55	.	11.9	10.0	.	10.9
Croplan Genetics	8750 RH	**3841**	**43187**	55	.	13.2	10.8	.	11.7
DeKalb	DKC66-40	3619	38057	52	**10.6**	12.4	10.9	8.4	10.7
Dyna-Gro	D57VP75	3580	36147	55	.	.	11.9	7.9	10.5
Dyna-Gro	D59HR50	3520	**43108**	49	**11.2**	10.9	12.4	9.5	12.0
MC	EXP 674L	3752	40127	55	.	.	.	.	10.7
MC	EXP 683M	3751	39531	53	**11.3**	12.5	13.0	9.1	10.8
MC	EXP 686N	3778	37029	56	.	.	.	.	9.9
MC	MCT-6753	3756	34578	57	.	.	.	8.0	9.1
MC	MCT-6894	**3962**	34466	61	9.0	10.9	8.6	7.8	8.7
Mycogen	F2F 817	**3943**	40162	60	7.9	7.4	6.7	7.8	9.8
Mycogen	TMF2H919	3683	**42724**	53	**11.1**	11.0	12.6	9.7	11.3
Mycogen	TMF2L825	3699	39556	49	9.9	10.5	9.1	8.9	11.0
Pioneer	P1637VYHR	3736	40357	59	10.1	13.5	7.1	9.0	11.0
Pioneer	P1690YHR	3716	40521	56	**10.8**	12.1	10.6	9.2	11.1
Pioneer	P1739YHR	3653	**41275**	50	.	.	.	.	11.1
Pioneer	P1794VYHR	3712	**45867**	55	.	.	.	.	12.2
Sun Prairie	SPX4095RR	3712	37483	53	.	.	.	.	10.2
Syngenta NK	N83D-3000GT	3731	37491	58	9.1	9.7	8.3	8.8	9.9
T. A. Seeds	TA774-13VP	3790	37901	61	.	.	.	8.6	10.6
T. A. Seeds	TA784-13VP	3650	37951	57	10.1	13.1	9.4	7.5	10.5
T. A. Seeds	TA790-18	3760	39494	56	.	.	.	8.9	10.7
T. A. Seeds	X19919	3602	38572	56	.	.	.	.	10.4
T. A. Seeds	X19921	3723	**42081**	49	.	.	.	.	10.9
T. A. Seeds	X19922	3643	**41881**	56	.	.	.	.	11.4
Average		*3716*	*39773*	*55*	*10.2*	*11.6*	*9.9*	*8.6*	*10.8*
Overall test statistics:									
Average		3710 [3]	39280 [4]	55	10.0 [5]	11.7	9.3	8.4	10.7
LSD at 10% Level		158	4741	6	0.7	1.7	1.8	0.9	0.8
Std. Err. of Entry Mean		66	1997	2	0.3	0.7	0.8	0.4	0.4

Summary of Evaluations of Corn Hybrids for Silage: Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2014 (Continued)

1. Quality factors taken from the replicated silage trial at Tifton.
2. This variable is calculated using University of Wisconsin Corn Silage Evaluation System - Milk 2000 and reported at lbs milk/ton of dry matter (DM) and lbs milk/acre.
3. CV = 2.5%, and df for EMS = 46.
4. CV = 7.2%, and df for EMS = 46.
5. CV = 12.0%, and df for EMS = 252.

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

Summary of Quality Factors of Corn Hybrids for Silage, Tifton, Georgia, 2014

Company or Brand Name	Hybrid Name	Quality Factors[1]								Dry Matter Yield	
		Milk Production[2]									
		lbs/ton DM	lbs/acre	Protein	NDF	ADF	TDN	NDF48[3]	Ash	Grain Portion	Tifton
				%	%	%	%	%	%	%	tons/acre
Short-Season											
Croplan Genetics	7087 VT3P	3724	35591	8.6	27.2	15.7	76.5	77.5	4.3	55	9.7
DeKalb	DKC61-79	3687	31995	8.4	29.4	16.1	76.3	75.7	3.7	57	9.1
DeKalb	DKC64-69	3641	38935	8.1	33.4	17.8	75.1	73.2	3.1	53	10.1
Dyna-Gro	D55GT73	3654	**42541**	8.1	30.7	17.2	75.5	73.3	3.3	56	11.7
Dyna-Gro	D55QC73	3705	**40179**	8.4	32.5	18.0	75.0	75.6	3.8	52	11.4
MC	EXP 600M	3798	34981	9.5	29.1	15.3	76.8	80.0	3.9	55	9.2
MC	MCT-630GT	3582	35232	8.8	34.3	18.8	74.5	73.5	4.0	55	10.3
MC	MCT-6583	3574	36796	8.3	33.2	18.6	74.6	72.1	3.7	56	10.3
Mycogen	TMF2H747	3784	**44569**	8.3	29.1	16.4	76.0	78.6	3.7	57	11.6
Mycogen	TMF2R737	3625	38777	8.5	27.9	16.0	76.3	74.0	4.1	50	11.0
Pioneer	P1319HR	3637	**39472**	8.8	30.9	16.3	76.1	74.6	4.0	57	11.2
T. A. Seeds	TA744-22DP	3788	34241	8.7	28.9	15.8	76.4	80.1	4.1	54	9.4
T. A. Seeds	TA765-18	3680	**42871**	8.5	34.7	19.3	74.1	75.8	4.0	53	11.7
T. A. Seeds	TA780-22DP	3774	**40417**	8.0	30.2	16.3	76.1	79.6	3.7	61	10.5
T. A. Seeds	X19918	3809	37337	8.8	30.6	16.5	75.9	80.5	3.9	60	9.7
Average		*3698*	*38262*	*8.5*	*30.8*	*16.9*	*75.7*	*76.3*	*3.8*	*55*	*10.5*

Summary of Quality Factors of Corn Hybrids for Silage, Tifton, Georgia, 2014 (Continued)

Company or Brand Name	Hybrid Name	Quality Factors[1] Milk Production[2] lbs/ton DM	Milk Production[2] lbs/acre	Protein	NDF	ADF	TDN	NDF48[3]	Ash	Dry Matter Yield Grain Portion	Dry Matter Yield Tifton
				%	%	%	%	%	%	%	tons/acre
Mid-Season											
AgraTech	1023VIP	3369	**44146**	9.4	38.6	22.0	72.4	68.4	4.7	44	12.8
AgraTech	76GVIP	**3912**	**41852**	8.7	26.9	14.7	77.1	84.9	3.7	63	10.7
AgraTech	84GVIP	**3867**	38433	8.9	27.4	15.2	76.8	82.0	3.7	62	9.9
AgraTech	868VT3P	3635	39390	8.4	33.4	19.2	74.2	74.8	4.4	50	10.8
AgraTech	999VIP	3568	**42278**	9.1	32.5	17.3	75.5	72.6	3.9	48	12.3
Croplan Genetics	7927 VT3P	**3840**	**39554**	8.5	30.2	16.0	76.3	81.1	3.7	55	10.8
Croplan Genetics	8621 VT2 Pro	3686	37755	8.6	31.0	17.1	75.6	77.1	4.2	55	10.9
Croplan Genetics	8750 RH	**3841**	**43187**	8.0	31.7	18.9	74.4	81.6	4.2	55	11.7
DeKalb	DKC66-40	3619	38057	8.5	32.1	17.5	75.3	74.2	4.0	52	10.7
Dyna-Gro	D57VP75	3580	36147	8.6	30.9	17.5	75.3	74.5	4.6	55	10.5
Dyna-Gro	D59HR50	3520	**43108**	8.6	39.2	23.3	71.5	72.7	5.0	49	12.0
MC	EXP 674L	3752	**40127**	9.4	29.2	15.8	76.4	78.7	4.1	55	10.7
MC	EXP 683M	3751	**39531**	8.3	29.4	16.5	76.0	78.4	4.0	53	10.8
MC	EXP 686N	3778	37029	8.5	29.8	16.9	75.7	79.1	3.9	56	9.9
MC	MCT-6753	3756	34578	8.8	27.3	15.5	76.6	78.5	4.2	57	9.1
MC	MCT-6894	**3962**	34466	8.6	28.5	15.8	76.4	86.2	4.0	61	8.7
Mycogen	F2F 817	**3943**	**40162**	9.4	28.8	17.0	71.5	85.7	4.5	60	9.8
Mycogen	TMF2H919	3683	**42724**	9.8	35.7	18.7	74.5	73.2	3.9	53	11.3
Mycogen	TMF2L825	3699	**39556**	7.9	31.4	18.1	74.9	76.8	4.0	49	11.0
Pioneer	P1637VYHR	3736	**40357**	8.3	28.5	15.8	76.4	77.6	3.6	59	11.0
Pioneer	P1690YHR	3716	**40521**	8.4	29.5	16.1	76.2	78.2	3.9	56	11.1
Pioneer	P1739YHR	3653	**41275**	8.0	30.1	17.8	75.1	75.4	4.2	50	11.1
Pioneer	P1794VYHR	3712	**45867**	8.5	31.0	17.5	75.3	78.1	4.3	55	12.2
Sun Prairie	SPX4095RR	3712	37483	8.5	31.0	17.7	75.2	77.2	4.2	53	10.2
Syngenta NK	N83D-3000GT	3731	37491	9.0	32.7	17.5	75.3	77.0	3.8	58	9.9
T. A. Seeds	TA774-13VP	3790	37901	8.1	30.5	18.0	75.0	80.8	4.5	61	10.6
T. A. Seeds	TA784-13VP	3650	37951	8.6	33.0	18.9	74.4	75.5	4.3	57	10.5
T. A. Seeds	TA790-18	3760	**39494**	8.5	33.8	17.8	75.1	78.2	3.5	56	10.7
T. A. Seeds	X19919	3602	38572	8.8	33.5	19.2	74.2	74.4	4.4	56	10.4
T. A. Seeds	X19921	3723	**42081**	9.0	30.6	18.2	74.9	78.6	4.8	49	10.9
T. A. Seeds	X19922	3643	**41881**	8.9	35.0	20.6	73.2	77.3	5.3	56	11.4
Average		*3716*	*39773*	*8.7*	*31.4*	*17.7*	*75.1*	*77.7*	*4.2*	*55*	*10.8*
Overall tests statistics:											
Average		3710 [4]	39280 [5]	8.6	31.2	17.4	75.3	77.2	4.1	55	10.7
LSD at 10% Level		158	4741	0.4	5.1	N.S.[6]	N.S.	0.6	5.0	6	0.8
Std. Err. of Entry Mean		66	1497	0.2	2.2	1.5	1.2	0.3	2.1	2	0.4

1. Quality factors taken from the replicated silage trial at Tifton.
2. This variable is calculated using University of Wisconsin Corn Silage Evaluation System - Milk 2000 and reported at lbs milk/ton of dry matter (DM) and lbs milk/acre.
3. NDF48: Percent dry matter disappearance/48 hours.
4. CV = 2.5%, and df for EMS = 46.
5. CV = 7.2%, and df for EMS = 46.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

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

Tifton, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		Dry	Green				
		tons/acre		%	%	no.	tons/acre
Short-Season							
T. A. Seeds	TA765-18	**11.7**	**21.0**	56.1	53	32017	.
Dyna-Gro	D55GT73	**11.7**	**20.5**	57.2	56	30492	**12.2**
Mycogen	TMF2H747	**11.6**	19.1	60.9	57	32017	.
Dyna-Gro	D55QC73	**11.5**	**21.5**	53.5	52	32888	.
Pioneer	P1319HR	**11.2**	18.7	59.9	57	32234	11.3
Mycogen	TMF2R737	**11.0**	**19.9**	55.8	50	33977	.
T. A. Seeds	TA780-22DP	10.5	18.8	57.1	61	30710	.
MC	MCT-630GT	10.3	17.3	59.8	55	32712	.
MC	MCT-6583	10.3	17.3	60.1	56	31364	10.3
DeKalb	DKC64-69	10.1	17.9	57.1	53	30492	10.5
T. A. Seeds	X19918	9.7	16.1	60.6	60	30492	.
Croplan Genetics	7087 VT3P	9.7	15.1	64.5	55	31363	.
T. A. Seeds	TA744-22DP	9.4	14.6	64.8	54	31799	.
MC	EXP 600M	9.3	15.4	60.6	55	29403	.
DeKalb	DKC61-79	9.1	13.4	68.0	57	32452	.
Average		10.5 [1]	17.8 [2]	59.7	55	31627	11.1
LSD at 10% Level		0.8	2.1	4.8	4	1938	0.6
Std. Err. of Entry Mean		0.4	0.9	2.0	2	815	0.2

Tifton, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Forage Yield Dry	Forage Yield Green	Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		tons/acre		%	%	no.	tons/acre
Mid-Season							
AgraTech	1023VIP	**12.8**	**26.7**	48.2	44	32016	.
AgraTech	999VIP	**12.4**	24.4	51.1	48	32235	.
Pioneer	P1794VYHR	**12.2**	20.3	60.3	55	32017	.
Dyna-Gro	D59HR50	**12.0**	22.9	53.1	49	31581	**11.5**
Croplan Genetics	8750 RH	11.7	19.8	59.2	55	33324	.
T. A. Seeds	X19922	11.5	16.5	69.6	56	33759	.
Mycogen	TMF2H919	11.3	24.8	45.8	53	31799	.
Pioneer	P1739YHR	11.2	17.2	65.0	50	33759	.
Pioneer	P1690YHR	11.1	16.7	67.2	56	32234	**12.0**
Mycogen	TMF2L825	11.1	18.0	61.3	49	32888	.
Pioneer	P1637VYHR	11.0	15.5	70.6	59	33977	.
Croplan Genetics	8621 VT2 Pro	10.9	18.4	59.4	55	32452	**11.2**
T. A. Seeds	X19921	10.9	16.6	66.1	49	32452	.
Croplan Genetics	7927 VT3P	10.8	17.4	62.0	55	33106	.
MC	EXP 683M	10.8	20.3	53.3	53	31363	.
AgraTech	868VT3P	10.8	16.4	65.6	50	31581	.
DeKalb	DKC66-40	10.7	17.8	60.1	52	33759	.
AgraTech	76GVIP	10.7	16.7	64.0	63	33324	.
T. A. Seeds	TA790-18	10.7	17.9	59.6	56	33106	.
MC	EXP 674L	10.7	17.0	63.2	55	33106	.
T. A. Seeds	TA774-13VP	10.6	16.5	64.1	61	33542	.
T. A. Seeds	TA784-13VP	10.5	16.9	62.2	57	30928	**11.4**
Dyna-Gro	D57VP75	10.5	16.9	62.4	55	31363	**9.9**
T. A. Seeds	X19919	10.4	17.0	61.8	56	33541	.
Sun Prairie	SPX4095RR	10.2	15.5	66.2	53	31146	.
ALA-FLO	9500	10.2	16.4	62.2	56	31146	.
AgraTech	84GVIP	9.9	15.4	64.4	62	32888	.
Syngenta NK	N83D-3000GT	9.9	17.1	58.0	58	30710	.
MC	EXP 686N	9.9	16.9	58.7	56	29839	.
Mycogen	F2F 817	9.8	17.6	55.9	60	32888	.
MC	MCT-6753	9.1	14.7	62.3	57	28314	.
MC	MCT-6894	8.7	12.5	69.8	61	29621	**10.0**
Average		10.8 [3]	18.0 [4]	61.0	55	32180	11.0
LSD at 10% Level		0.8	1.8	3.9	7	2089	N.S.[5]
Std. Err. of Entry Mean		0.4	0.8	1.6	3	889	0.4

Tifton, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated (Continued)

1. CV = 6.8%, and df for EMS = 42.
2. CV = 10.1%, and df for EMS = 42.
3. CV = 6.6%, and df for EMS = 93.
4. CV = 8.5%, and df for EMS = 93.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an 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 3, 2014.
Harvested:	July 29, 2014.
Seeding Rate:	34,000 seeds per acre in 30-inch rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.1.
Fertilization:	123 lb N, 180 lb P_2O_5, and 300 lb K_2O/acre as preplant; 270 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Disked, subsoiled and bedded, rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone II used for nematode control; irrigated 11 inches.

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

Griffin, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield Dry	Forage Yield Green	Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		tons/acre		%	%	no.	tons/acre
Short-Season							
Mycogen	TMF2R737	**9.1**	**17.0**	53.7	47	32670	.
Pioneer	P1319HR	**8.6**	12.5	69.5	48	33880	**9.5**
Dyna-Gro	D55GT73	**8.6**	14.7	58.4	47	32186	**10.0**
T. A. Seeds	TA765-18	**8.6**	13.3	64.5	47	31944	.
DeKalb	DKC64-69	**8.5**	14.8	57.4	49	32912	**10.0**
Dyna-Gro	D55QC73	**8.4**	13.7	61.1	47	32912	.
MC	EXP 600M	**8.3**	14.0	59.3	55	30492	.
MC	MCT-6583	7.8	10.9	72.7	48	33154	.
T. A. Seeds	TA780-22DP	7.8	11.8	66.5	50	30250	.
Mycogen	TMF2H747	7.4	14.6	50.4	44	30734	.
MC	MCT-630GT	7.3	11.9	61.1	46	28072	.
T. A. Seeds	TA744-22DP	6.9	11.5	60.1	46	30250	.
DeKalb	DKC61-79	6.6	8.2	80.6	48	33638	.
Average		8.0 [1]	13.0 [2]	62.7	48	31776	9.8
LSD at 10% Level		1.0	1.1	5.3	3	2248	N.S.[3]
Std. Err. of Entry Mean		0.4	0.5	2.2	2	941	0.4
Mid-Season							
Mycogen	TMF2H919	**9.7**	**21.3**	45.5	44	31702	.
Dyna-Gro	D59HR50	**9.5**	18.9	50.1	45	31460	**10.0**
Pioneer	P1690YHR	**9.2**	13.7	68.0	46	33880	.
MC	EXP 683M	**9.1**	15.3	59.7	48	32428	.
Pioneer	P1637VYHR	**9.0**	12.8	71.0	48	33396	.
AgraTech	84GVIP	**9.0**	16.3	56.1	54	32428	.
AgraTech	999VIP	**8.9**	19.3	46.3	40	31218	.
Mycogen	TMF2L825	**8.9**	12.9	69.5	38	32670	.
T. A. Seeds	TA790-18	**8.9**	13.6	65.8	49	33396	.
Syngenta NK	N83D-3000GT	**8.8**	15.0	59.5	50	32186	.
T. A. Seeds	TA774-13VP	8.6	14.4	60.2	49	33880	.
DeKalb	DKC66-40	8.4	12.9	65.4	46	30976	.
MC	MCT-6753	8.0	11.4	70.1	50	27588	.
Dyna-Gro	D57VP75	7.9	11.9	67.5	45	32186	**10.5**
MC	MCT-6894	7.9	11.2	69.8	55	30734	.
Mycogen	F2F 817	7.9	12.0	67.1	40	30492	.
T. A. Seeds	TA784-13VP	7.6	11.2	67.1	45	29524	**9.5**
Average		8.7 [4]	14.3 [5]	62.3	47	31773	10.0
LSD at 10% Level		0.9	1.6	6.4	2	2384	N.S.
Std. Err. of Entry Mean		0.4	0.7	2.7	1	1005	0.5

Griffin, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated (Continued)

1. CV = 10.1%, and df for EMS = 36.
2. CV = 7.3%, and df for EMS = 36.
3. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.
4. CV = 8.4%, and df for EMS = 48.
5. CV = 9.5%, and df for EMS = 48.

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

Planted:	April 13, 2014.
Harvested:	August 11, 2014.
Seeding Rate:	34,000 seeds per acre in 30-inch rows.
Soil Type:	Pacolet sandy loam.
Soil Test:	P = Medium, K = High, and pH = 6.0.
Fertilization:	75 lb N, 150 lb P_2O_5, and 225 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Subsoiled, disked, and rototilled; Lasso, Atrazine, Callisto, and Option used for weed control; irrigated 13 inches.

Test conducted by H. Jordan and G. Ware.

Calhoun, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield Dry	Forage Yield Green	Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		tons/acre		%	%	no.	tons/acre
Short-Season							
MC	MCT-630GT	**10.3**	**17.2**	59.7	48	34557	.
Dyna-Gro	D55GT73	**9.8**	**17.1**	57.2	50	32488	**8.2**
DeKalb	DKC64-69	**9.1**	**15.6**	57.7	52	33936	**9.3**
T. A. Seeds	TA780-22DP	**8.9**	13.4	66.4	51	33316	.
Mycogen	TMF2R737	**8.9**	**17.3**	51.1	47	32488	.
Dyna-Gro	D55QC73	7.9	**15.8**	49.8	50	35178	.
Croplan Genetics	7087 VT3P	7.8	12.3	63.6	49	30832	.
MC	EXP 600M	7.7	12.8	60.4	54	27729	.
Pioneer	P1319HR	7.6	14.3	53.6	51	35592	**8.6**
Mycogen	TMF2H747	7.1	14.0	50.4	46	36005	.
DeKalb	DKC61-79	5.5	10.7	51.1	51	31867	.
Average		8.2 [1]	14.6 [2]	56.5	50	33090	8.7
LSD at 10% Level		1.6	2.5	6.3	4	4132	N.S.[3]
Std. Err. of Entry Mean		0.7	1.0	2.6	2	1722	0.6
Mid-Season							
MC	EXP 683M	**13.0**	16.4	79.0	54	31867	.
Mycogen	TMF2H919	**12.6**	**26.5**	47.2	50	30625	.
Dyna-Gro	D59HR50	**12.4**	21.7	57.7	48	32074	**11.8**
Dyna-Gro	D57VP75	**11.9**	17.3	70.6	49	31660	**10.2**
DeKalb	DKC66-40	10.9	16.3	69.4	53	30419	.
Croplan Genetics	8750 RH	10.8	17.1	64.8	52	31660	.
Pioneer	P1690YHR	10.6	15.6	69.5	51	31039	.
Croplan Genetics	8621 VT2 Pro	10.0	20.7	48.2	52	31867	**10.5**
AgraTech	999VIP	9.6	16.9	59.2	51	29384	.
T. A. Seeds	TA784-13VP	9.5	17.2	54.8	47	31660	**11.1**
Croplan Genetics	7927 VT3P	9.2	13.2	71.1	51	31039	.
Mycogen	TMF2L825	9.1	13.8	67.0	47	32281	.
AgraTech	84GVIP	8.7	14.1	61.6	57	31039	.
MC	MCT-6894	8.6	13.5	65.1	57	31039	.
Syngenta NK	N83D-3000GT	8.3	12.9	65.5	55	28556	.
Pioneer	P1637VYHR	7.1	14.0	50.3	54	29177	.
Mycogen	F2F 817	6.7	13.0	52.2	50	31040	.
Average		9.9 [4]	16.5 [5]	62.0	52	30966	10.9
LSD at 10% Level		2.0	3.4	13.9	6	N.S.	N.S,
Std. Err. of Entry Mean		0.8	1.4	5.9	2	1036	0.6

Calhoun, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated (Continued)

1. CV = 16.4%, and df for EMS = 30.
2. CV = 14.2%, and df for EMS = 30.
3. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.
3. CV =17.0%, and df for EMS = 48.
4. CV = 17.6%, and df for EMS = 48.

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

Planted:	April 24, 2014.
Harvested:	August 22, 2014.
Seeding Rate:	Short-Season: 36,500 seeds per acre in 30-inch rows. Mid-Season: 33,000 seeds per acre in 30-inch rows.
Soil Type:	Rome gravelly clay loam.
Soil Test:	P = Very High, K = High, and pH = 5.9.
Fertilization:	135 lb N, 70 lb P_2O_5, and 230 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Moldboard plowed, disked, and rototilled; Me-too-lachlor, Callisto, Accent, and Atrazine used for weed control with one cultivation; irrigated 10 inches.

Test conducted by H. Jordan, G. Ware, and J. Stubbs.

Blairsville, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Nonirrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		Dry	Green				
		tons/acre		%	%	no.	tons/acre
Short-Season							
Croplan Genetics	7087 VT3P	**13.3**	**24.6**	54.6	53	35332	.
T. A. Seeds	TA780-22DP	**13.0**	**23.3**	56.0	56	35090	11.4
Pioneer	P1319HR	**12.9**	**24.0**	53.7	56	33880	.
MC	MCT-630GT	**12.7**	**23.9**	53.6	56	31460	.
Mycogen	TMF2R737	**12.6**	**27.8**	45.2	55	35332	.
Mycogen	TMF2H747	11.3	**22.1**	51.2	52	34122	.
DeKalb	DKC61-79	11.1	18.4	60.7	59	32428	.
MC	EXP 600M	11.1	24.3	46.2	56	30492	.
Dyna-Gro	D55GT73	11.0	25.1	44.6	54	32912	.
DeKalb	DKC64-69	10.5	23.3	45.0	55	35090	.
Average		11.9 [1]	23.7 [2]	51.1	55	33614	11.4
LSD at 10% Level		1.9	2.8	5.5	3	2189	.
Std. Err. of Entry Mean		0.8	1.2	2.3	1	923	.
Mid-Season							
Pioneer	P1637VYHR	**13.5**	24.7	54.7	53	35090	.
Croplan Genetics	8750 RH	**13.2**	28.3	46.4	52	34606	.
T. A. Seeds	TA784-13VP	**13.1**	24.3	54.6	55	33396	11.8
AgraTech	999VIP	**13.1**	**31.0**	42.0	52	33154	.
Croplan Genetics	7927 VT3P	**12.7**	24.7	51.0	55	34606	.
MC	EXP 683M	**12.5**	27.6	45.5	55	33638	.
DeKalb	DKC66-40	**12.4**	23.9	51.7	55	35574	.
Pioneer	P1690YHR	**12.1**	22.0	55.4	53	34364	.
Croplan Genetics	8621 VT2 Pro	**12.0**	28.0	42.5	56	34848	11.5
AgraTech	84GVIP	11.7	28.8	40.8	59	34606	.
Mycogen	TMF2H919	11.0	**32.0**	34.2	50	34606	.
MC	MCT-6894	10.9	20.9	52.1	58	32670	.
Dyna-Gro	D59HR50	10.9	26.5	41.0	54	30976	10.4
AgraTech	76GVIP	10.6	27.3	38.5	58	34122	.
Mycogen	TMF2L825	10.5	24.0	43.7	47	35090	.
Syngenta NK	N83D-3000GT	9.7	22.2	43.6	54	31218	.
Mycogen	F2F 817	7.4	13.0	58.0	46	32428	.
Average		11.6 [3]	25.2 [4]	46.8	54	33823	11.2
LSD at 10% Level		1.5	3.0	6.7	3	2722	N.S.[5]
Std. Err. of Entry Mean		0.6	1.2	2.8	1	1130	1.1

Blairsville, Georgia: Evaluation of Corn Hybrids for Silage, 2014, Nonirrigated (Continued)

1. CV = 13.8%, and df for EMS = 48.
2. CV = 9.4%, and df for EMS = 48.
3. CV = 10.3%, and df for EMS = 27.
4. CV = 10.5%, and df for EMS = 27.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an 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:	May 2, 2014.
Harvested:	September 18, 2014.
Seeding Rate:	36,000 seeds per acre in 30-inch rows.
Soil Type:	Suches loam.
Soil Test:	P = Very High, K = High, and pH = 6.1.
Fertilization:	212 lb N, 200 lb P_2O_5, and 122 lb K_2O/acre as preplant; 184 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Moldboard plowed and disked; Atrazine, Dual Magnum, and Simazine used for weed control.

Test conducted by H. Jordan, G. Ware, R. Covington, and L. Lee.

Insect Screening Results

Multiple Insect Resistance in 77 Commercial Corn Hybrids, 2014

Xinzhi Ni, Michael D. Toews, and G. David Buntin

Commercial corn hybrids were screened for ear- and kernel-feeding insect resistance under the field conditions at Tifton, Georgia. Twenty hybrids were rated as very good (VG), the highest rating for multiple insect resistance in 2014. Two hybrids were developed utilizing YHR traits (also known as Optimum® Intrasect™), and four hybrids were developed with Genuity VT Triple PRO (abbreviated as VT3P). The Optimum® Intrasect™ insect protection traits include a combination of two insect protection traits – Herculex® I and YieldGard® Corn Borer, while the VT3PRO traits contain a stack of three *Bt* genes. Two *Bt* genes are targeted for lepidopteran insect pests and the third gene is for the rootworms.

Overall, insect damage was relatively high in the 2014 trial. The six groups of ear- and/or kernel-feeding insects in the order of infestation severity were: corn earworm; fall armyworm; stink bugs; sap beetles; pink scavenger caterpillar; and maize weevil. Corn earworm and fall armyworm damage were combined because the damage was difficult to separate. Feeding penetration by these caterpillar pests in corn ears was between 0.2 cm and 4.3 cm, which exceeded damage observed in 2013 (1.7 cm). Multiple species of sap beetles were recorded in 2014. Stink bug damage in 2014 was relatively high, ranging from 0.2% to 4% of the kernels per ear. The highest percentage of stink bug-discolored kernels in the previous five years ranged between 0.8% and 5.6%. Sap beetle damage was 0.4-1.1%, which is lower than 0-2% in 2013, and pink scavenger caterpillar damage was about 0-1% in 2014, which was greater than in 2013 (0-0.5% of the kernels). Maize weevil infestation at harvest with 18% kernel moisture was very low at zero to two weevils per ear. The low level of sap beetle damage, as well as relatively high level of the stink bug damage, might have been influenced by weather conditions in 2014.

Because husk tightness and husk extension are considered important traits for ear- and kernel-feeding insect resistance, the husk features of the sampled ears were also examined in 2014. Husk tightness was assigned using a scale of 1 to 5, in which 1 = very loose and 5 = very tight. Average ratings for husk tightness were between 2.8 and 3.9, which were all considered medium for husk tightness. Husk extension was between 0.1 cm and 4.9 cm. The ear-feeding insect damage was correlated to husk extension, but not to husk tightness in the 2014 data. Multiple insect resistance was categorized in four groups according to the insect damage ratings on corn cobs and kernels; they are very good (VG), good (G), fair (F), and poor (P). VG represents the least amount of insect damage, while P represents the greatest amount of insect damage. The rankings of the 77 hybrids for multiple insect resistance in the table were based on the results of the principal component analysis using corn husk extension and tightness; and damage caused by corn earworm and fall armyworm; stink bugs; sap beetles; pink scavenger caterpillar; and maize weevil. The lettered ratings in the table refer only to relative resistance to insects and are not indicative of yield. Please refer to other reports for yield data.

Hybrids resistant to multiple insects are highly recommended for planting and are the most economical insect control tactic, especially in late plantings. Increased insect damage can lead to yield loss, as well as quality loss related to aflatoxin contamination. Consult with your local county agent and/or Extension entomologist for additional control recommendations for a specific pest in your area.

The trial was planted on the University of Georgia Gibbs Research Farm near Tifton, Georgia, on April 17, 2014, and harvested August 25-28, 2014. Kernel moisture was approximately 18% at harvest. The experimental plots were thinned to 20,000 plants per acre and maintained using local Extension recommended agronomic practices by Penny Tapp and Trevor Perla (USDA-ARS, Tifton, GA). The data were collected by Penny Tapp, Tyler Lusk, and Aaron Pryor (USDA-ARS, Tifton, GA).

Ear-Feeding Insect Resistance in 77 Commercial Corn Hybrids, Tifton, Georgia, 2014

Company or Brand Name	Hybrid Name	Days to Anthesis[1]	Husk Extension	Husk Tightness[2]	2014 FAW+CEW Damage[3]	Overall Resistance to Insect Damage[4]	
						2014	2 or more years
			(cm)	rating	(cm)		
Syngenta NK	N78S 3111	61	3	3	1.1	VG	G+
Croplan Genetics	8621 VT2 Pro	60	2	3	1.4	VG	VG-
Dyna-Gro	D57VP75	61	4	3	0.5	VG	VG-
Augusta Seed	7767VT3 PRO	59	4	4	1.0	VG	VG-
Pioneer	P1529YHR	61	4	3	1.2	VG	
Pioneer	P1794VYHR	62	3	3	0.2	VG	
Pioneer	P2023BVT	62	3	3	0.4	VG	
DeKalb	DKC68-92	60	3	3	0.4	VG	
TA	TA774-13VP	59	4	3	1.2	VG	
TA	X19918	59	3	3	0.7	VG	
TA	X19921	60	3	4	0.6	VG	
Armor	1330	59	2	3	0.8	VG	
Armor	1414	60	4	3	1.4	VG	
Croplan Genetics	7087 VT3P	61	2	4	0.8	VG	
Croplan Genetics	7927 VT3P	61	4	3	1.2	VG	
Augusta Seed	7768GT3110	61	3	3	0.3	VG	
Mycogen	2V714	62	4	3	1.0	VG	
Mycogen	2C799	61	3	3	0.9	VG	
AgraTech	874 VT3 Pro	59	4	4	0.5	VG	
AgraTech	903A Viptera	61	3	3	0.4	VG	
Terral-REV®	17HR73™	58	3	4	1.6	G	G-
Terral-REV®	22BHR43™	61	5	3	0.7	G	VG-
Syngenta NK	N82V-3111	61	2	3	1.0	G	G
Pioneer	P1319HR	62	3	3	1.5	G	G+
Dyna-Gro	D55GT73	63	2	3	2.3	G	VG-
Armor	1555SS	61	2	3	1.3	G	G
T. A. Seeds	TA780-22DP	61	2	3	1.6	G	G
Dyna-Gro	CX14	61	2	3	1.2	G	
Syngenta NK	N79T-3111	60	2	3	1.5	G	G
Terral-REV®	23BHR55™	61	2	4	1.8	G	
TA	X19919	60	2	3	1.5	G	
TA	X19920	62	2	3	1.2	G	
Syngenta NK	N83D-3000GT	61	2	3	1.7	G	
Syngenta NK	N70J-3011A	59	3	3	2.5	G	
Armor	1616	61	4	4	0.9	G	
Armor	AXC3114	61	4	4	0.7	G	
Armor	AXC3117A	60	3	3	1.4	G	
Augusta Seed	6866GTCBLL	61	2	3	1.5	G	
Mycogen	2Y816	61	3	3	1.6	G	
AgraTech	966VT3P	60	3	3	1.2	G	
AgraTech	84GVIP	61	2	3	1.4	G	
DeKalb	DKC65-19	59	2	3	2.7	F	G
T. A. Seeds	TA784-13VP	61	4	3	1.0	F	G
Dyna-Gro	D55VP77	60	2	4	1.3	F	G
Dyna-Gro	D57VP51	62	1	4	1.9	F	F

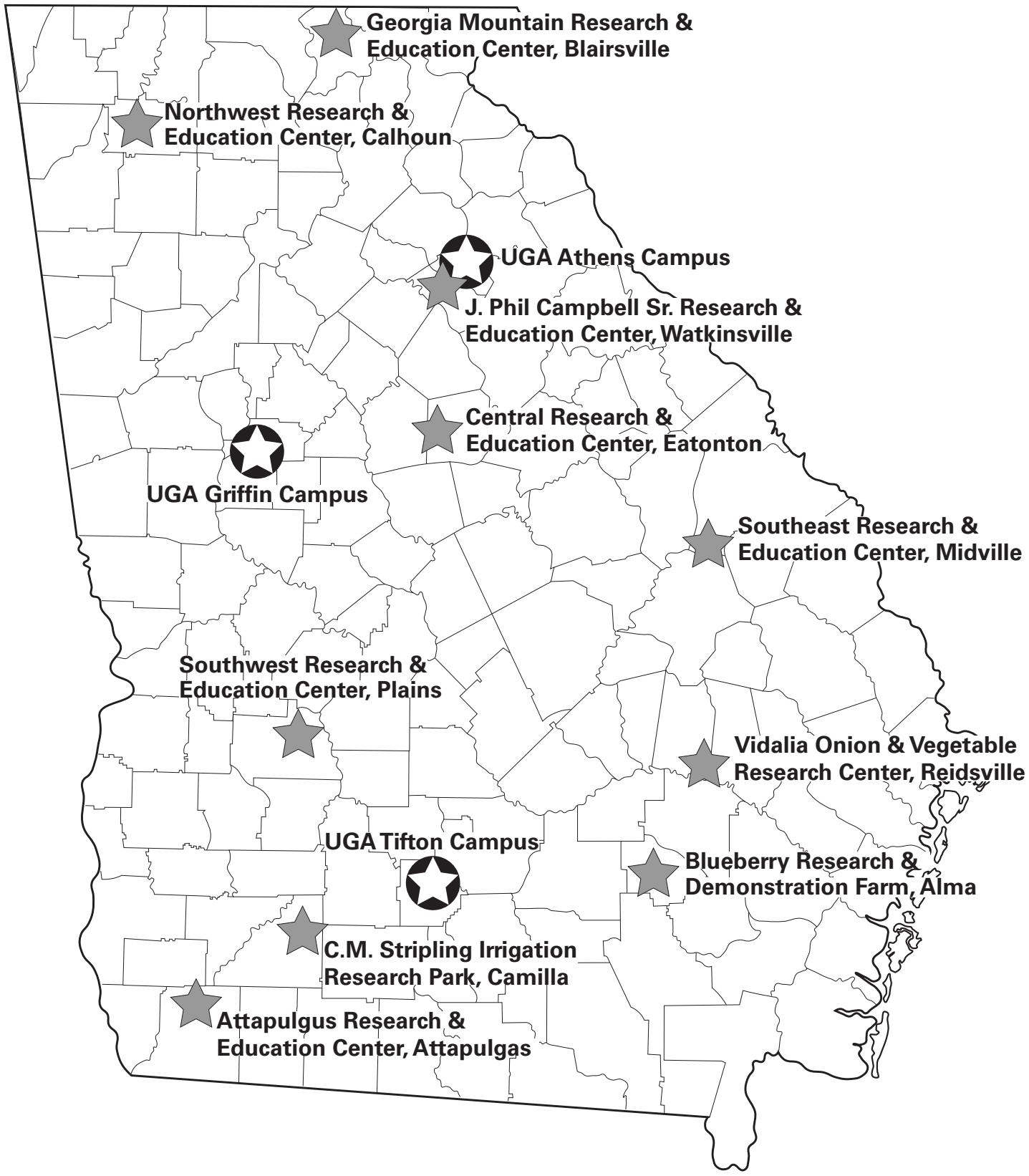
Ear-Feeding Insect Resistance in 77 Commercial Corn Hybrids, Tifton, Georgia, 2014 (Continued)

Company or Brand Name	Hybrid Name	Days to Anthesis[1]	Husk Extension (cm)	Husk Tightness[2] rating	2014 FAW+CEW Damage[3] (cm)	Overall Resistance to Insect Damage[4] 2014	2 or more years
Croplan Genetics	6926 VT3 Pro	59	1	3	1.5	F	
Croplan Genetics	6640 VT3 Pro	61	2	4	2.1	F	G+
Pioneer	1690YHR	62	1	3	2.4	F	F
Armor	1262PRO2	59	2	3	1.0	F	F-
Armor	1550PRO2	60	1	3	2.2	F	F-
Armor	1880PRO2	62	2	3	2.1	F	F
DeKalb	DKC67-58	59	2	3	1.6	F	
TA	TA744-22DP	60	2	4	1.7	F	
Armor	AXT3111	60	2	3	1.5	F	
Armor	AXC3117	60	2	3	2.0	F	
Augusta Seed	8868VT3 PRO	59	3	3	2.3	F	
Augusta Seed	8064VT3 PRO	61	2	3	2.1	F	
AgraTech	1777VIP	62	2	3	1.2	F	
Terral-REV®	28HR20™	63	2	3	3.5	P	F
Terral-REV®	28R10™	62	3	3	3.0	P	F
Terral-REV®	27HR83™	62	1	3	2.0	P	F
Terral-REV®	24BHR93™	63	2	3	3.1	P	F
Terral-REV®	18BHR84™	59	3	3	3.0	P	F
Terral-REV®	25BHR44™	62	2	3	2.5	P	F
Terral-REV®	26BHR50™	61	1	3	4.1	P	F
Dyna-Gro	D56VC46	60	1	3	2.5	P	F
Dyna-Gro	D53VC13	60	2	3	2.1	P	
T. A. Seeds	X19455	60	1	3	2.5	P	F
Augusta Seed	5565VT2 PRO	60	2	4	1.7	P	G-
Pioneer	P1739YHR	64	2	3	3.3	P	
TA	TA765-18	61	3	3	2.5	P	
TA	TA790-18	61	2	3	2.0	P	
TA	X19922	61	3	3	3.2	P	
Augusta Seed	5566GTCBLL	60	2	3	2.6	P	
Mycogen	2V707	62	2	3	4.3	P	
Mycogen	2V777	62	0	3	3.5	P	
AgraTech	76GVIP	60	3	3	2.6	P	

1. Days to anthesis is the number of days to flowering at Tifton, Georgia, in 2014 after the hybrids were planted on April 17, 2014.
2. Husk Tightness: 1 = very loose and 5 = very tight.
3. FAW+CEW damage denotes the ear penetration (cm) by corn earworm (CEW) and fall armyworm (FAW) feeding.
4. Categorization of insect resistance to key ear-feeding insects (i.e., the corn earworm, the fall armyworm, the stink bugs, the sap beetles, the pink savenger caterpillar, and the maize weevil) was based on principal component analysis. The data were collected from 20 ears per hybrid (5 ears x 4 replications), where VG = very good, G = good, F = fair, and P = poor. The + and - signs for the average rating represent the inconsistancy in the last five years (2010-2014).

Sources of Seed for the 2014 Corn Hybrid Tests

Company or Brand Name	Seed Source
AgraTech	Grabow Seed Services, Inc., 6830 Lisa Lane, Dunwoody, GA 30338.
ALA-FLO	Segrest Seed Company, Inc., 304 E. Lawrence Harris Hwy., Slocomb, AL 36375.
Armor	Armor Seed, LLC, 183 Pennsylvania Ave., P.O. Box 9, Waldenburg, AR 72475.
Augusta Seed	Augusta Seed, P.O. Box 899, Verona, VA 24482.
Croplan Genetics	Winfield Solutions, 615 McCardle Road, Dothan, AL 36303.
DeKalb	Monsanto Company, 800 N. Lindberg Blvd., St. Louis, MO 63167.
Dyna-Gro	Crop Production Services, 114 W. 12th Street, Suite D, Tifton, GA 31794.
MC	Masters Choice, 3010 State Route 146 E., Anna, IL 62906.
Mycogen	Mycogen Seed, 24 Surrey Circle, Tifton, GA 31793.
Pioneer	Pioneer Hi-Bred Internationa, Inc., 59 Greif Parkway, Suite 200, Delaware, OH 43015.
Sun Prairie	Sun Prairie Seeds, 1676 OR 2200 East, St. Joseph, IL 61873.
Syngenta NK	Syngenta NK Brand Seeds, 149 Fairethorne Drive, Leesburg, GA 31763.
T.A. Seeds	T.A. Seeds, 39 Seeds Lane, Jersey Shore, PA 17740.
Terral-REV™	Terral Seed, Inc., 111 Ellington Drive, Rayville, LA 71269.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