

Statewide Yield Summary: Corn Grain Performance, Georgia, 2019

Company or Brand Name	Hybrid Name	Relative Maturity days	Coastal Plain Irrigated	Statewide Dryland	Statewide Irrigated	Statewide Overall
			----- bu/acre -----			
AgraTech	68VT2P	112	268	.	.	.
AgraTech	711VT2P	114	280	.	.	.
AgraTech	85VT2P	117	284	.	.	.
AgriGold	A644-32TRCRIB	114	281	101	283	234
AgriGold	A647-46VT2PRO	117	274	114	279	235
AgriGold	A648-54STX	118	277	119	287	244
AgriGold	A6544VT2RIB	113	282	122	284	238
AgriGold	A6659VT2RIB	116	280	105	284	233
Armor	A1447 VT2P	114	284	.	.	.
Armor	A1778 VT2P/ASR	117	275	.	.	.
Augusta	A1367-5222DCEZ	117	277	.	.	.
Augusta	A4565-3220GTD	115	260	.	.	.
Augusta	A5065-3110GTD	115	287	.	.	.
CROPLAN	5340 VT2P	113	274	.	.	.
CROPLAN	5678 VT2P	116	278	.	.	.
DEKALB	DKC65-99 TRECEPTA	115	250	124	265	226
DEKALB	DKC66-18 VT2P	116	250	108	260	220
DEKALB	DKC68-69 VT2P	118	270	107	275	229
Dyna-Gro	D54VC14	114	277	113	276	231
Dyna-Gro	D57VC17	117	277	105	283	237
Dyna-Gro	D57VC51	117	273	99	286	236
Dyna-Gro	D58VC65	118	286	116	287	241
Local Seed	AV7516 YHB	116	280	.	.	.
Local Seed	AV8614 YHB	114	285	.	.	.
Local Seed	LC0877 VT2P	108	264	.	.	.
Local Seed	LC1289 VT2P	112	265	.	.	.
Local Seed	LC1488 VT2P	114	264	.	.	.
Local Seed	LC1577 VT2P	115	281	.	.	.
Local Seed	LC1586 TC	115	258	.	.	.
Local Seed	LC1697 SSX	115	260	.	.	.
Local Seed	LC1776 VT2P	117	282	.	.	.
Local Seed	LC1795 VT2P	117	259	.	.	.
Local Seed	LC1878 VT2P	118	263	.	.	.
Local Seed	LC1987 VT2P	119	266	.	.	.
MorCorn	MC 4255	112	260	.	.	.
MorCorn	MC 4319	113	263	.	.	.
MorCorn	MC 4725	117	280	.	.	.
NK Brand	NK1573-3330	115	237	.	.	.
NK Brand	NK1694-3111	116	274	.	.	.
NK Brand	NK1808-3111	118	274	.	.	.
Phoenix	6507A3	115	248	.	.	.
Phoenix	7402A4	118	270	.	.	.
Pioneer	P1662YHR	116	281	.	.	.
Pioneer	P1870YHR	118	292	94	295	241
Pioneer	P1903YHR	119	282	.	.	.
SEEDWAY	SW 8109 3111	117	261	100	276	228
SEEDWAY	SW6540VT2P RIB	108	247	98	244	204
SEEDWAY	SW6790VT2P RIB	113	265	117	269	225
Terral Seed	REV24BHR99	114	275	99	283	236
Terral Seed	REV25BHR26	115	277	113	279	236
Terral Seed	REV25BHR80	115	283	112	287	242
Terral Seed	REV28BHR18	118	291	116	299	251

Statewide Yield Summary (Continued): Corn Grain Performance, Georgia, 2019

Company or Brand Name	Hybrid Name	Relative Maturity days	Coastal Plain Irrigated	Statewide Dryland	Statewide Irrigated	Statewide Overall
			----- bu/acre -----			
Average			272	109	279	233
LSD at 10% Level			13	NS	10	11
Std. Err. of Entry Mean			5	13	4	4
Model R-squared			0.48	0.54	0.79	0.94

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.
 "NS" indicates differences are statistically non-significant ($p = 0.10$ probability level).

Coastal Plain Region

Coastal Plain Yield Summary: Corn Grain Performance, Georgia, 2019

Company or Brand Name	Hybrid Name	Relative Maturity days	Overall Average	Dryland	Irrigated			Average
				Tifton	Tifton	Plains	Midville	
Pioneer	P1870YHR	118	233	56	310	276	292	292
Terral Seed	REV28BHR18	118	242	94	317	271	286	291
Augusta	A5065-3110GTD	115	235	78	308	258	295	287
Dyna-Gro	D58VC65	118	236	84	291	276	292	286
Local Seed	AV8614 YHB	114	229	60	300	262	295	285
AgraTech	85VT2P	117	229	65	284	284	285	284
Armor	A1447 VT2P	114	240	107	294	274	284	284
Terral Seed	REV25BHR80	115	236	97	305	266	278	283
AgriGold	A6544VT2RIB	113	239	109	307	267	273	282
Pioneer	P1903YHR	119	219	28	294	280	272	282
Local Seed	LC1776 VT2P	117	230	73	270	278	297	282
Local Seed	LC1577 VT2P	115	233	88	290	273	281	281
Pioneer	P1662YHR	116	222	46	296	278	269	281
AgriGold	A644-32TRCRIB	114	226	62	294	263	285	281
AgraTech	711VT2P	114	228	71	297	272	272	280
AgriGold	A6659VT2RIB	116	228	72	301	262	277	280
MorCorn	MC 4725	117	221	46	282	268	289	280
Local Seed	AV7516 YHB	116	222	51	305	254	279	280
CROPLAN	5678 VT2P	116	219	41	291	265	279	278
Augusta	A1367-5222DCEZ	117	215	27	299	263	271	277
AgriGold	A648-54STX	118	226	72	284	274	275	277
Dyna-Gro	D54VC14	114	230	89	290	267	274	277
Dyna-Gro	D57VC17	117	227	77	281	261	289	277
Terral Seed	REV25BHR26	115	230	92	293	260	277	277
Armor	A1778 VT2P/ASR	117	228	85	273	266	287	275
Terral Seed	REV24BHR99	114	218	48	284	255	286	275
AgriGold	A647-46VT2PRO	117	227	85	288	243	293	274
NK Brand	NK1694-3111	116	227	85	285	261	276	274
NK Brand	NK1808-3111	118	224	75	283	270	269	274
CROPLAN	5340 VT2P	113	229	93	288	272	262	274
Dyna-Gro	D57VC51	117	221	62	297	252	271	273
DEKALB	DKC68-69 VT2P	118	220	70	277	254	281	270
Phoenix	7402A4	118	216	52	285	248	279	270
AgraTech	68VT2P	112	225	95	285	248	270	268
Local Seed	LC1987 VT2P	119	223	93	280	251	268	266
SEEDWAY	SW6790VT2P RIB	113	225	104	277	255	264	265
Local Seed	LC1289 VT2P	112	222	92	270	251	274	265
Local Seed	LC1488 VT2P	114	219	82	274	242	277	264
Local Seed	LC0877 VT2P	108	219	81	266	258	269	264
Local Seed	LC1878 VT2P	118	221	92	270	231	289	263
MorCorn	MC 4319	113	220	89	275	259	255	263
SEEDWAY	SW 8109 3111	117	211	61	274	232	278	261
Augusta	A4565-3220GTD	115	208	49	279	246	256	260
MorCorn	MC 4255	112	216	85	268	230	283	260
Local Seed	LC1697 SSX	115	217	90	273	244	263	260
Local Seed	LC1795 VT2P	117	216	88	250	260	268	259
Local Seed	LC1586 TC	115	212	74	273	259	241	258
DEKALB	DKC65-99 TRECEPTA	115	209	87	256	216	279	250
DEKALB	DKC66-18 VT2P	116	206	74	274	204	271	250
Phoenix	6507A3	115	204	74	273	221	249	248
SEEDWAY	SW6540VT2P RIB	108	204	76	266	217	256	247
NK Brand	NK1573-3330	115	187	39	261	183	267	237

Coastal Plain Yield Summary (Continued): Corn Grain Performance, Georgia, 2019

Company or Brand Name	Hybrid Name	Relative Maturity days	Overall Average	Dryland	Irrigated			Average
				Tifton	Tifton	Plains	Midville	
Average			222	74	281	255	276	272
LSD at 10% Level			16	31	16	23	17	13
Std. Err. of Entry Mean			7	13	7	10	7	5
Model R-squared			0.92	0.70	0.61	0.62	0.57	0.48

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Tifton, Georgia: Corn Grain Performance, 2019, Dryland

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019	2-Yr Avg					
AgriGold	A6544VT2RIB	113	109	156	94	2.0	15.2	21,889	0
Armor	A1447 VT2P	114	107	.	88	3.0	16.5	21,675	0
SEEDWAY	SW6790VT2P RIB	113	104	.	89	2.0	16.0	23,491	0
Terral Seed	REV25BHR80	115	97	.	83	2.0	15.3	22,636	0
AgraTech	68VT2P	112	95	153	87	2.0	16.7	21,996	0
Terral Seed	REV28BHR18	118	94	147	75	3.0	14.4	21,996	0
Local Seed	LC1987 VT2P	119	93	137	96	3.0	17.3	22,530	0
CROPLAN	5340 VT2P	113	93	.	85	3.0	16.1	22,423	0
Local Seed	LC1289 VT2P	112	92	.	91	2.0	16.1	22,209	0
Local Seed	LC1878 VT2P	118	92	146	89	3.0	16.4	21,996	1
Terral Seed	REV25BHR26	115	92	151	74	2.0	17.3	22,103	0
Local Seed	LC1697 SSX	115	90	.	78	1.0	16.1	23,491	0
Dyna-Gro	D54VC14	114	89	135	78	2.0	16.3	22,529	0
MorCorn	MC 4319	113	89	138	88	2.0	17.1	22,743	0
Local Seed	LC1577 VT2P	115	88	128	84	3.0	16.0	22,209	0
Local Seed	LC1795 VT2P	117	88	.	82	2.0	16.4	21,889	0
DEKALB	DKC65-99 TRECEPTA	115	87	.	85	3.0	16.5	22,316	0
NK Brand	NK1694-3111	116	85	139	67	2.0	15.7	22,743	0
AgriGold	A647-46VT2PRO	117	85	.	87	2.0	17.4	21,889	0
MorCorn	MC 4255	112	85	.	81	2.0	16.0	22,209	0
Armor	A1778 VT2P/ASR	117	85	.	88	3.0	16.6	22,316	0
Dyna-Gro	D58VC65	118	84	147	84	3.0	16.6	21,355	0
Local Seed	LC1488 VT2P	114	82	.	93	3.0	15.8	21,462	0
Local Seed	LC0877 VT2P	108	81	.	74	2.0	15.4	22,316	0
Augusta	A5065-3110GTD	115	78	.	78	2.0	16.7	22,957	0
Dyna-Gro	D57VC17	117	77	.	84	3.0	17.0	22,957	1
SEEDWAY	SW6540VT2P RIB	108	76	.	78	3.0	15.4	21,889	0
NK Brand	NK1808-3111	118	75	127	86	3.0	16.0	21,569	0
Local Seed	LC1586 TC	115	74	.	74	2.0	16.3	20,501	0
DEKALB	DKC66-18 VT2P	116	74	.	70	3.0	16.5	22,637	0
Phoenix	6507A3	115	74	146	81	3.0	15.5	22,957	0
Local Seed	LC1776 VT2P	117	73	120	80	3.0	16.2	22,209	0
AgriGold	A6659VT2RIB	116	72	147	78	3.0	15.4	23,170	0
AgriGold	A648-54STX	118	72	.	85	2.0	17.0	21,675	0
AgraTech	711VT2P	114	71	.	81	3.0	15.3	21,142	0
DEKALB	DKC68-69 VT2P	118	70	134	84	3.0	17.2	22,850	0
AgraTech	85VT2P	117	65	139	87	3.0	15.9	21,889	0
Dyna-Gro	D57VC51	117	62	120	74	3.0	16.0	22,743	0
AgriGold	A644-32TRCRIB	114	62	.	71	3.0	16.7	21,355	0
SEEDWAY	SW 8109 3111	117	61	.	69	3.0	16.7	22,636	0
Local Seed	AV8614 YHB	114	60	.	69	3.0	15.6	22,316	0
Pioneer	P1870YHR	118	56	123	71	3.0	16.3	22,316	0
Phoenix	7402A4	118	52	119	64	3.0	16.2	22,957	2
Local Seed	AV7516 YHB	116	51	.	69	2.0	13.0	21,569	0
Augusta	A4565-3220GTD	115	49	.	65	4.0	16.4	22,210	0
Terral Seed	REV24BHR99	114	48	125	57	2.0	13.7	22,423	0
Pioneer	P1662YHR	116	46	110	46	3.0	14.3	22,530	0
MorCorn	MC 4725	117	46	117	61	3.0	16.4	20,928	0
CROPLAN	5678 VT2P	116	41	120	58	4.0	15.3	20,821	0
NK Brand	NK1573-3330	115	39	.	50	3.0	15.0	21,996	0
Pioneer	P1903YHR	119	28	.	66	4.0	14.9	21,675	0
Augusta	A1367-5222DCEZ	117	27	.	50	4.0	14.1	21,675	1

Tifton, Georgia (Continued): Corn Grain Performance, 2019, Dryland

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019 ----- bu/acre	2-Yr Avg -----					
Average			74 ²	134	77	2.7	15.9	22,172	0
LSD at 10% Level			31	NS	18	-	1.6	1,592	-
Std. Err. of Entry Mean			13	13	8	-	0.7	680	-
Model R-squared			0.70	0.77	0.52	-	0.45	0.32	0.24

1. Grain quality rating: 1 = excellent to 5 = poor.

2. CV = 35.3%, and df for EMS = 153.

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Planted: March 29, 2019.

Harvested: August 24, 2019.

Seeding Rate: 24,000 seeds per acre in 36-inch rows.

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Low, and pH = 6.1.

Fertilization: 60 lb N, 50 lb P₂O₅, and 110 lb K₂O/acre as preplant; 130 lb N/acre as sidedress.

Previous Crop: Grain sorghum.

Management: Conventional tillage. Atrazine, Warrant, Zidua, and Basagran used for weed control.

Test conducted by R. Brooke, K. Cawley, M. Cofield and D. Dunn.

Tifton, Georgia: Corn Grain Performance, 2019, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019 ----- bu/acre	2-Yr Avg -----					
Terral Seed	REV28BHR18	118	317	299	100	2.0	17.0	33,599	1
Pioneer	P1870YHR	118	310	287	100	1.0	17.9	35,663	1
Augusta	A5065-3110GTD	115	308	.	100	2.0	17.0	35,984	3
AgriGold	A6544VT2RIB	113	307	291	101	2.0	16.4	36,197	0
Local Seed	AV7516 YHB	116	305	.	100	2.0	16.9	34,382	4
Terral Seed	REV25BHR80	115	305	.	101	1.0	17.0	35,022	1
AgriGold	A6659VT2RIB	116	301	289	101	2.0	17.3	35,556	0
Local Seed	AV8614 YHB	114	300	.	102	1.0	16.6	35,236	0
Augusta	A1367-5222DCEZ	117	299	.	100	2.0	18.4	35,022	12
AgraTech	711VT2P	114	297	.	99	1.0	16.1	35,449	0
Dyna-Gro	D57VC51	117	297	284	101	1.0	17.2	35,556	0
Pioneer	P1662YHR	116	296	278	99	1.0	17.4	34,275	1
MorCorn	MC 4457	114	296	278	99	3.0	16.5	34,809	0
Pioneer	P1903YHR	119	294	.	100	2.0	17.2	34,168	0
AgriGold	A644-32TRCRIB	114	294	.	99	1.0	17.1	33,741	3
Armor	A1447 VT2P	114	294	.	100	3.0	16.3	35,663	1
Phoenix	6542A4	116	293	.	103	1.0	17.2	34,702	6
Terral Seed	REV25BHR26	115	293	274	99	2.0	16.5	34,702	1
CROPLAN	5678 VT2P	116	291	275	100	2.0	17.0	33,848	2
Dyna-Gro	D58VC65	118	291	283	100	3.0	16.7	35,129	0
Dyna-Gro	D54VC14	114	290	284	99	1.0	16.5	34,488	1
Local Seed	LC1577 VT2P	115	290	276	100	2.0	16.7	35,343	1
MorCorn	MC XP 1953	113	289	.	103	2.0	16.9	35,876	1
CROPLAN	5340 VT2P	113	288	.	100	3.0	16.9	34,702	2
AgriGold	A647-46VT2PRO	117	288	.	103	2.0	17.0	35,770	0
MorCorn	MC XP 1954	113	287	.	101	1.0	18.2	36,197	1
MorCorn	MC 3952	109	286	.	101	3.0	16.4	36,090	0
Phoenix	7402A4	118	285	270	100	2.0	17.7	35,449	1
NK Brand	NK1694-3111	116	285	272	101	2.0	17.1	34,595	20
AgraTech	68VT2P	112	285	276	101	3.0	17.0	35,556	0
Terral Seed	REV24BHR99	114	284	274	104	2.0	16.2	35,236	0
AgraTech	85VT2P	117	284	286	99	2.0	17.4	35,449	2
AgriGold	A648-54STX	118	284	.	101	1.0	17.1	36,090	0
NK Brand	NK1808-3111	118	283	263	100	1.0	18.0	35,983	2
MorCorn	MC 4725	117	282	277	100	2.0	18.0	35,449	2
Dyna-Gro	D57VC17	117	281	.	101	1.0	17.1	35,022	2
MorCorn	MC XP 1951	111	281	.	102	2.0	16.7	34,595	1
Local Seed	LC1987 VT2P	119	280	268	100	2.0	17.0	35,877	0
Augusta	A4565-3220GTD	115	279	.	99	2.0	17.5	34,702	3
MorCorn	MC XP 1962	114	278	.	101	1.0	17.7	35,343	0
SEEDWAY	SW6790VT2P RIB	113	277	.	103	2.0	16.2	35,023	2
Dyna-Gro	D55VC80	115	277	.	101	2.0	17.2	36,731	0
DEKALB	DKC68-69 VT2P	118	277	266	100	1.0	17.6	35,556	1
MorCorn	MC XP 1956	116	276	.	101	2.0	17.5	35,449	1
MorCorn	MC 4319	113	275	265	99	2.0	16.4	35,343	1
Local Seed	LC1488 VT2P	114	274	.	103	1.0	16.3	34,595	1
DEKALB	DKC66-18 VT2P	116	274	.	101	1.0	17.0	35,236	0
Dyna-Gro	CX18117	117	274	.	100	1.0	17.3	35,236	1
SEEDWAY	SW 8109 3111	117	274	.	99	2.0	18.2	34,275	1
Phoenix	6507A3	115	273	265	100	2.0	17.7	35,164	12
Armor	A1778 VT2P/ASR	117	273	.	101	1.0	17.2	34,595	2
Local Seed	LC1697 SSX	115	273	.	102	1.0	17.6	36,197	4
Local Seed	LC1586 TC	115	273	.	103	1.0	16.8	33,207	0
MorCorn	MC XP 1857	115	273	.	101	3.0	17.0	34,809	0
MorCorn	MC XP 1959	109	271	.	102	2.0	17.5	34,916	2

Tifton, Georgia (Continued): Corn Grain Performance, 2019, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Plant Lodging %
			2019 ----- bu/acre	2-Yr Avg -----					
MorCorn	MC XP 1957	117	271	.	99	2.0	16.7	34,809	4
Local Seed	LC1776 VT2P	117	270	273	100	2.0	17.2	34,809	1
Local Seed	LC1878 VT2P	118	270	257	103	1.0	16.9	35,450	1
Local Seed	LC1289 VT2P	112	270	.	101	2.0	16.6	34,275	1
MorCorn	MC XP 1963	115	269	.	100	2.0	16.2	33,741	3
MorCorn	MC XP 1955	115	269	.	101	1.0	17.1	35,343	0
MorCorn	MC 4255	112	268	.	103	2.0	16.4	35,449	2
SEEDWAY	SW6540VT2P RIB	108	266	.	101	3.0	15.8	35,343	0
Local Seed	LC0877 VT2P	108	266	.	99	2.0	16.2	35,307	0
MorCorn	MC XP 1861	113	261	.	105	2.0	17.4	33,955	4
NK Brand	NK1573-3330	115	261	.	100	2.0	16.9	35,236	9
MorCorn	MC XP 1859	116	259	.	100	3.0	16.6	34,702	0
MorCorn	MC 4178	111	256	.	98	2.0	16.2	35,129	0
DEKALB	DKC65-99 TRECEPTA	115	256	.	100	3.0	17.8	35,877	0
MorCorn	MC 3966	109	251	.	98	2.0	15.8	35,165	0
Local Seed	LC1795 VT2P	117	250	.	100	1.0	17.4	33,314	5
Phoenix	5352A4	109	250	.	104	2.0	16.6	33,528	13
Average			281 ²	276	101	1.8	17.0	35,061	2
LSD at 10% Level			16	13	2	-	0.8	1,350	-
Std. Err. of Entry Mean			7	6	1	-	0.3	571	-
Model R-squared			0.61	0.52	0.39	-	0.51	0.36	0.50

1. Grain quality rating: 1 = excellent to 5 = poor.

2. CV = 4.9%, and df for EMS = 208.

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: March 30, 2019.

Harvested: August 22, 2019.

Seeding Rate: 34,000 seeds per acre in 36-inch rows.

Soil Type: Tifton loamy sand.

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

Fertilization: 130 lb N, 220 lb P₂O₅, and 310 lb K₂O/acre as preplant; 260 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Conventional tillage. Atrazine, Warrant, Zidua, and Basagran used for weed control. Irrigated 16 inches.

Test conducted by R. Brooke, K. Cawley, M. Cofield and D. Dunn.

Plains, Georgia: Corn Grain Performance, 2019, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019 ----- bu/acre	2-Yr Avg -----					
AgraTech	85VT2P	117	284	284	100	2.0	15.4	34,382	6
Pioneer	P1903YHR	119	280	.	100	2.0	16.1	31,819	17
Pioneer	P1662YHR	116	278	274	99	1.0	15.8	33,848	5
Local Seed	LC1776 VT2P	117	278	271	100	2.0	14.9	34,595	5
Dyna-Gro	D58VC65	118	276	276	100	2.0	14.6	34,915	2
Pioneer	P1870YHR	118	276	275	101	2.0	16.2	33,883	3
AgriGold	A648-54STX	118	274	.	101	2.0	16.1	34,595	18
Armor	A1447 VT2P	114	274	.	100	2.0	14.7	34,702	4
Local Seed	LC1577 VT2P	115	273	269	100	3.0	14.3	33,955	5
AgraTech	711VT2P	114	272	.	100	2.0	14.7	33,955	26
CROPLAN	5340 VT2P	113	272	.	100	2.0	15.1	35,342	8
Terral Seed	REV28BHR18	118	271	273	98	2.0	15.6	32,140	8
NK Brand	NK1808-3111	118	270	275	100	3.0	15.7	33,599	15
MorCorn	MC 4725	117	268	271	102	2.0	15.3	33,029	2
Dyna-Gro	D54VC14	114	267	274	99	3.0	14.2	33,634	2
AgriGold	A6544VT2RIB	113	267	265	100	3.0	14.0	33,314	4
Armor	A1778 VT2P/ASR	117	266	.	98	2.0	15.5	34,489	2
Terral Seed	REV25BHR80	115	266	.	99	2.0	15.3	34,275	18
CROPLAN	5678 VT2P	116	265	271	101	2.0	14.7	33,741	8
AgriGold	A644-32TRCRIB	114	263	.	100	2.0	15.4	33,101	14
Augusta	A1367-5222DCEZ	117	263	.	100	2.0	16.1	32,673	10
AgriGold	A6659VT2RIB	116	262	273	100	2.0	15.4	34,026	6
Local Seed	AV8614 YHB	114	262	.	99	3.0	15.3	32,887	27
NK Brand	NK1694-3111	116	261	248	100	3.0	15.0	34,026	35
Dyna-Gro	D57VC17	117	261	.	100	2.0	15.4	34,702	6
Local Seed	LC1795 VT2P	117	260	.	100	3.0	15.6	33,741	1
Terral Seed	REV25BHR26	115	260	269	100	2.0	14.6	33,741	19
MorCorn	MC 4319	113	259	257	99	2.0	15.6	32,566	1
Local Seed	LC1586 TC	115	259	.	101	2.0	14.8	33,456	3
Local Seed	LC0877 VT2P	108	258	.	99	3.0	13.8	34,275	3
Augusta	A5065-3110GTD	115	258	.	100	1.0	15.8	35,449	23
Terral Seed	REV24BHR99	114	255	262	101	2.0	14.5	33,314	11
SEEDWAY	SW6790VT2P RIB	113	255	.	104	3.0	14.2	34,880	0
Local Seed	AV7516 YHB	116	254	.	101	1.0	15.5	33,100	17
DEKALB	DKC68-69 VT2P	118	254	248	100	2.0	17.3	34,595	7
Dyna-Gro	D57VC51	117	252	269	101	1.0	15.8	34,382	6
Local Seed	LC1289 VT2P	112	251	.	100	3.0	14.7	33,883	8
Local Seed	LC1987 VT2P	119	251	249	100	3.0	16.0	34,915	0
AgraTech	68VT2P	112	248	255	101	2.0	14.7	33,848	3
Phoenix	7402A4	118	248	264	101	2.0	16.0	32,780	22
Augusta	A4565-3220GTD	115	246	.	101	2.0	15.0	33,955	36
Local Seed	LC1697 SSX	115	244	.	100	2.0	15.4	34,488	0
AgriGold	A647-46VT2PRO	117	243	.	101	2.0	15.3	34,595	17
Local Seed	LC1488 VT2P	114	242	.	102	2.0	14.1	34,702	1
SEEDWAY	SW 8109 3111	117	232	.	100	2.0	15.8	32,460	27
Local Seed	LC1878 VT2P	118	231	247	102	2.0	15.2	33,207	4
MorCorn	MC 4255	112	230	.	99	2.0	15.0	33,741	3
Phoenix	6507A3	115	221	229	103	3.0	14.8	34,168	38
SEEDWAY	SW6540VT2P RIB	108	217	.	98	3.0	13.4	34,595	2
DEKALB	DKC65-99 TRECEPTA	115	216	.	100	4.0	15.4	34,595	4
DEKALB	DKC66-18 VT2P	116	204	.	100	4.0	13.9	34,809	1
NK Brand	NK1573-3330	115	183	.	99	2.0	15.3	33,314	40

Plains, Georgia (Continued): Corn Grain Performance, 2019, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019	2-Yr Avg					
Average			255 ²	264	100	2.3	15.1	33,921	10
LSD at 10% Level			23	16	NS	-	0.5	NS	-
Std. Err. of Entry Mean			10	7	1	-	0.2	692	-
Model R-squared			0.62	0.34	0.32	-	0.79	0.33	0.63

1. Grain quality rating: 1 = excellent to 5 = poor.

2. CV = 7.5%, and df for EMS = 148.

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Planted: April 3, 2019.

Harvested: August 30, 2019.

Seeding Rate: 34,000 seeds per acre in 36-inch rows.

Soil Type: Greenville sandy clay loam.

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

Fertilization: 55 lb N, 140 lb P₂O₅, and 180 lb K₂O/acre as preplant; 260 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Conventional tillage. Atrazine and Warrant used for weed control. Bifenthrin used for insect control. Irrigated 9.7 inches.

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, W. Jones and D. Pearce.

Midville, Georgia: Corn Grain Performance, 2019, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019 ----- bu/acre	2-Yr Avg -----					
Local Seed	LC1776 VT2P	117	297	295	100	2.5	16.2	34,915	3
Augusta	A5065-3110GTD	115	295	.	100	2.0	16.7	35,022	0
Local Seed	AV8614 YHB	114	295	.	101	2.0	15.6	34,595	3
AgriGold	A647-46VT2PRO	117	293	.	101	1.5	16.7	34,382	1
Pioneer	P1870YHR	118	292	294	101	1.5	16.6	34,702	0
Dyna-Gro	D58VC65	118	292	290	99	1.5	15.7	34,275	0
Local Seed	LC1878 VT2P	118	289	281	101	1.5	16.7	33,848	0
Dyna-Gro	D57VC17	117	289	.	100	1.5	16.4	35,236	0
MorCorn	MC 4725	117	289	293	102	1.5	16.0	33,421	0
Armor	A1778 VT2P/ASR	117	287	.	101	1.5	16.7	33,954	0
Terral Seed	REV24BHR99	114	286	282	103	1.5	15.9	34,595	0
Terral Seed	REV28BHR18	118	286	293	101	2.0	16.5	32,566	0
AgriGold	A644-32TRCRIB	114	285	.	101	1.5	15.8	33,314	0
AgraTech	85VT2P	117	285	287	101	1.5	16.4	33,421	0
Armor	A1447 VT2P	114	284	.	99	1.5	15.7	34,382	0
MorCorn	MC 4255	112	283	.	103	2.5	15.9	35,129	0
DEKALB	DKC68-69 VT2P	118	281	277	101	2.5	16.7	34,809	0
Local Seed	LC1577 VT2P	115	281	273	100	2.5	16.4	34,488	0
CROPLAN	5678 VT2P	116	279	283	100	1.0	15.5	35,449	0
Local Seed	AV7516 YHB	116	279	.	101	1.5	16.2	33,421	2
Phoenix	7402A4	118	279	271	101	1.5	16.8	34,275	0
DEKALB	DKC65-99 TRECEPTA	115	279	.	100	2.5	16.5	35,556	1
Terral Seed	REV25BHR80	115	278	.	102	1.5	15.8	34,382	1
SEEDWAY	SW 8109 3111	117	278	.	100	2.5	16.8	33,100	1
Terral Seed	REV25BHR26	115	277	284	99	1.5	15.5	33,741	0
Local Seed	LC1488 VT2P	114	277	.	103	1.5	15.8	34,915	0
AgriGold	A6659VT2RIB	116	277	273	101	1.5	15.9	32,673	0
NK Brand	NK1694-3111	116	276	269	98	2.0	16.9	35,343	5
AgriGold	A648-54STX	118	275	.	101	1.5	16.8	34,488	0
Local Seed	LC1289 VT2P	112	274	.	102	1.5	16.3	32,780	0
Dyna-Gro	D54VC14	114	274	289	100	1.5	15.6	34,061	0
AgriGold	A6544VT2RIB	113	273	286	102	2.0	15.5	33,741	2
AgraTech	711VT2P	114	272	.	100	1.5	15.5	32,566	2
Pioneer	P1903YHR	119	272	.	99	1.5	15.5	33,100	0
Dyna-Gro	D57VC51	117	271	264	100	1.5	15.4	33,954	0
DEKALB	DKC66-18 VT2P	116	271	.	100	1.5	15.9	34,382	0
Augusta	A1367-5222DCEZ	117	271	.	100	2.5	16.3	34,595	0
AgraTech	68VT2P	112	270	273	100	2.0	16.0	33,848	0
NK Brand	NK1808-3111	118	269	268	97	2.0	16.7	34,382	0
Pioneer	P1662YHR	116	269	272	99	1.5	16.3	34,275	0
Local Seed	LC0877 VT2P	108	269	.	100	2.5	15.6	32,139	0
Local Seed	LC1795 VT2P	117	268	.	100	2.0	15.7	33,741	3
Local Seed	LC1987 VT2P	119	268	267	101	2.0	16.9	35,343	0
NK Brand	NK1573-3330	115	267	.	101	3.0	15.6	34,595	5
SEEDWAY	SW6790VT2P RIB	113	264	.	105	1.5	15.6	35,129	0
Local Seed	LC1697 SSX	115	263	.	101	1.5	16.2	34,915	0
CROPLAN	5340 VT2P	113	262	.	102	1.5	15.9	33,741	0
SEEDWAY	SW6540VT2P RIB	108	256	.	101	2.0	15.6	34,702	0
Augusta	A4565-3220GTD	115	256	.	97	2.5	16.4	34,168	2
MorCorn	MC 4319	113	255	260	96	2.5	16.3	35,022	1
Phoenix	6507A3	115	249	260	103	2.5	15.5	33,634	2
Local Seed	LC1586 TC	115	241	.	104	2.0	15.4	33,207	2

Midville, Georgia: Corn Grain Performance, 2019, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019	2-Yr Avg					
Average			276 ²	279	100	1.8	16.1	34,162	1
LSD at 10% Level			17	13	3	NS	0.6	1,285	-
Std. Err. of Entry Mean			7	5	1	0.3	0.3	549	-
Model R-squared			0.57	0.36	0.38	0.52	0.58	0.45	0.29

1. Grain quality rating: 1 = excellent to 5 = poor.

2. CV = 5.1%, and df for EMS = 153.

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Planted: April 4, 2019.

Harvested: August 29, 2019.

Seeding Rate: 34,000 seeds per acre in 36-inch rows.

Soil Type: Dothan sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.6.

Fertilization: 60 lb N, 137 lb P₂O₅, and 230 lb K₂O/acre as preplant; 240 lb N/acre as sidedress.

Previous Crop: Peanuts.

Management: Conventional tillage. Atrazine and Warrant used for weed control. Telone II used for nematode control. Irrigated 10 inches.

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, J. Lanier, R. Milton and T. Woodward.

Piedmont, Limestone Valley and Mountain Regions

Athens, Georgia: Corn Grain Performance, 2019, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019 ----- bu/acre	2-Yr Avg -----				
Terral Seed	REV28BHR18	118	320	289	2.3	13.9	32,472	1
Pioneer	P1870YHR	118	313	280	2.1	14.5	34,551	3
AgriGold	A6544VT2RIB	113	310	267	2.0	13.0	35,244	1
Terral Seed	REV24BHR99	114	304	271	2.3	13.3	33,363	1
AgriGold	A648-54STX	118	301	.	2.0	13.7	34,848	0
SEEDWAY	SW 8109 3111	117	293	.	2.5	13.7	34,056	2
Dyna-Gro	D58VC65	118	292	.	2.0	12.7	34,551	1
Dyna-Gro	D57VC17	117	290	.	1.9	13.0	34,947	1
Dyna-Gro	D57VC51	117	290	.	2.0	14.3	33,660	0
Terral Seed	REV25BHR80	115	287	.	2.8	13.0	34,452	2
Terral Seed	REV25BHR26	115	286	270	2.4	13.2	33,066	7
AgriGold	A6659VT2RIB	116	285	264	2.0	13.4	35,046	0
Dyna-Gro	D54VC14	114	284	.	2.0	12.5	34,320	2
DEKALB	DKC68-69 VT2P	118	283	260	1.7	13.9	34,320	5
SEEDWAY	SW6790VT2P RIB	113	278	.	2.8	12.6	36,432	6
AgriGold	A644-32TRCRIB	114	277	.	2.3	13.5	32,340	3
DEKALB	DKC65-99 TRECEPTA	115	275	.	2.0	13.7	35,442	1
AgriGold	A647-46VT2PRO	117	270	.	2.0	13.0	34,452	1
DEKALB	DKC66-18 VT2P	116	258	.	2.5	13.0	34,584	4
SEEDWAY	SW6540VT2P RIB	108	244	.	2.3	12.2	33,858	10
Average			289 ²	272	2.2	13.3	34,248	2
LSD at 10% Level			20	NS	0.5	0.8	1,455	-
Std. Err. of Entry Mean			7	8	0.2	0.3	526	2
Model R-squared			0.70	0.63	0.57	0.61	0.58	0.51

1. Grain quality rating: 1 = excellent to 5 = poor.

2. CV = 5.0%, and df for EMS = 41.

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

"NS" indicates differences are statistically non-significant ($p = 0.10$ probability level).

Planted: March 28, 2019

Harvested: September 4, 2019

Seeding Rate: 34,000 seeds per acre in 30-inch rows.

Soil Type: Wickham sandy loam.

Previous Crop: Rye.

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

Fertilization: 46 lb N, 241 lb P₂O₅, and 279 lb K₂O/acre as preplant; 355 lb N/acre as sidedress.

Management: Conventional tillage. Atrazine and Roundup used for weed control. Irrigated 15.25 inches.

Test conducted by H. Jordan, G. Ware, C. Fox, J. Griffin, and K. Roach.

Calhoun, Georgia: Corn Grain Performance, 2019, Dryland

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019	2-Yr Avg					
AgriGold	A648-54STX	118	167	.	100	2.1	13.0	23,754	0
DEKALB	DKC65-99 TRECEPTA	115	161	.	100	1.8	11.5	24,366	0
Terral Seed	REV24BHR99	114	151	204	101	2.4	11.1	23,595	0
Dyna-Gro	D58VC65	118	149	.	100	2.1	11.5	23,890	0
DEKALB	DKC68-69 VT2P	118	144	194	100	1.6	11.8	23,277	0
AgriGold	A647-46VT2PRO	117	143	.	100	1.9	11.5	23,277	0
DEKALB	DKC66-18 VT2P	116	141	.	100	2.0	11.7	23,482	0
AgriGold	A644-32TRCRIB	114	139	.	100	2.0	11.6	22,665	0
SEEDWAY	SW 8109 3111	117	139	.	98	2.3	12.1	21,848	0
Terral Seed	REV28BHR18	118	139	205	100	2.4	11.6	22,052	0
AgriGold	A6659VT2RIB	116	138	194	100	1.6	11.5	23,890	0
Dyna-Gro	D54VC14	114	136	.	99	2.3	11.7	23,345	0
Dyna-Gro	D57VC51	117	136	.	99	1.8	11.3	23,822	0
AgriGold	A6544VT2RIB	113	135	193	100	2.4	11.2	24,094	1
Dyna-Gro	D57VC17	117	134	.	100	1.9	11.3	24,162	2
Terral Seed	REV25BHR26	115	134	197	99	2.1	11.5	23,141	0
Pioneer	P1870YHR	118	131	191	99	2.1	11.6	23,822	0
SEEDWAY	SW6790VT2P RIB	113	130	.	99	2.4	11.8	23,822	0
Terral Seed	REV25BHR80	115	126	.	98	2.3	11.1	22,937	0
SEEDWAY	SW6540VT2P RIB	108	121	.	99	2.1	12.0	22,869	5
Average			140 ²	197	99	2.1	11.6	23,403	0.5
LSD at 10% Level			19	NS	NS	0.4	NS	1,002	-
Std. Err. of Entry Mean			8	7	1	0.1	0.4	420	-
Model R-squared			0.63	0.90	0.32	0.49	0.34	0.48	0.38

1. Grain quality rating: 1 = excellent to 5 = poor.

2. CV = 11.7%, and df for EMS = 57.

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Planted: April 4, 2019.

Harvested: September 17, 2019.

Seeding Rate: 24,000 seeds per acre in 30-inch rows.

Soil Type: Etowah loam.

Previous Crop: Soybeans.

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

Fertilization: 70 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre as preplant; 155 lb N/acre as sidedress.

Management: Conventional tillage. Atrazine, Warant, Callisto and Accent applied for weed control.

Test conducted by H. Jordan, G. Ware, M. Tucker, and T. Turnquist.

Calhoun, Georgia: Corn Grain Performance, 2019, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
			2019	2-Yr Avg					
AgriGold	A648-54STX	118	259	.	100	2.0	11.9	29,737	0
DEKALB	DKC65-99 TRECEPTA	115	257	.	98	2.0	12.5	29,737	0
Dyna-Gro	D57VC51	117	257	.	100	1.7	11.5	29,388	0
DEKALB	DKC66-18 VT2P	116	254	.	101	2.0	11.8	29,853	1
AgriGold	A644-32TRCRIB	114	249	.	101	2.2	12.2	28,227	0
Pioneer	P1870YHR	118	248	260	99	2.0	12.0	28,575	0
AgriGold	A647-46VT2PRO	117	244	.	102	2.0	12.2	29,853	1
AgriGold	A6659VT2RIB	116	240	244	100	1.7	11.7	28,924	0
Terral Seed	REV28BHR18	118	240	271	99	2.3	12.0	26,833	1
Terral Seed	REV25BHR80	115	237	.	102	2.0	12.2	29,505	0
Dyna-Gro	D57VC17	117	237	.	99	2.0	12.1	29,272	0
DEKALB	DKC68-69 VT2P	118	235	242	100	1.8	12.0	28,692	1
Dyna-Gro	D58VC65	118	231	.	99	2.0	12.0	29,040	1
SEEDWAY	SW 8109 3111	117	228	.	99	2.5	12.1	28,808	0
AgriGold	A6544VT2RIB	113	226	263	98	2.2	11.5	29,969	0
Terral Seed	REV24BHR99	114	221	256	99	2.0	11.9	28,343	1
Terral Seed	REV25BHR26	115	219	244	100	1.8	11.8	28,692	0
Dyna-Gro	D54VC14	114	215	.	100	2.0	12.0	28,575	2
SEEDWAY	SW6790VT2P RIB	113	213	.	103	2.5	11.6	30,899	0
SEEDWAY	SW6540VT2P RIB	108	207	.	101	2.0	12.5	29,621	1
Average			236 ²	254	100	2.0	12.0	29,136	0.4
LSD at 10% Level			22	NS	2	0.4	0.5	1,450	-
Std. Err. of Entry Mean			8	10	1	0.1	0.2	520	-
Model R-squared			0.86	0.41	0.52	0.47	0.53	0.56	0.39

1. Grain quality rating: 1 = excellent to 5 = poor.

2. CV = 6.5%, and df for EMS = 38.

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Planted: April 4, 2019.

Harvested: September 17, 2019.

Seeding Rate: 34,000 seeds per acre in 30-inch rows.

Soil Type: Etowah loam.

Previous Crop: Soybeans.

Soil Test: P = High, K = High, and pH = 6.1.

Fertilization: 85 lb N, 218 lb P₂O₅, and 285 lb K₂O/acre as preplant; 155 lb N/acre as sidedress.

Management: Conventional tillage. Atrazine, Warant, Callisto and Accent applied for weed control.
Irrigated 8.25 inches.

Test conducted by H. Jordan, G. Ware, M. Tucker, and T. Turnquist.

Blairsville, Georgia: Corn Grain Performance, 2019, Dryland

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield		Grain Moisture %	Plant Pop. no.	Lodging %
			2019 ----- bu/acre	2-Yr Avg -----			
Terral Seed	REV28BHR18	118	353	320	16.7	32,175	0
SEEDWAY	SW 8109 3111	117	350	.	17.4	33,264	1
Dyna-Gro	D57VC51	117	342	.	16.8	33,957	0
AgriGold	A6659VT2RIB	116	340	315	16.7	33,957	0
Dyna-Gro	D58VC65	118	339	.	15.5	33,759	0
Terral Seed	REV25BHR80	115	339	.	16.3	33,561	0
Terral Seed	REV24BHR99	114	334	309	15.7	32,967	0
Dyna-Gro	D57VC17	117	330	.	16.7	34,551	1
DEKALB	DKC68-69 VT2P	118	327	331	17.1	33,561	4
Terral Seed	REV25BHR26	115	326	306	15.7	33,363	0
Dyna-Gro	D54VC14	114	325	.	14.3	33,660	0
SEEDWAY	SW6790VT2P RIB	113	324	.	15.0	35,244	0
AgriGold	A647-46VT2PRO	117	324	.	17.1	35,046	0
AgriGold	A648-54STX	118	321	.	16.6	33,759	0
AgriGold	A644-32TRCRIB	114	319	.	16.3	32,373	1
AgriGold	A6544VT2RIB	113	318	307	14.2	33,957	0
Pioneer	P1870YHR	118	313	294	18.2	33,264	0
DEKALB	DKC65-99	115	313	.	16.2	35,244	0
DEKALB	DKC66-18 VT2P	116	299	.	16.9	34,551	0
SEEDWAY	SW6540VT2P RIB	108	266	.	14.1	33,561	0
Average			325	311	16.2	33,789	0
LSD at 10% Level			17	19	0.6	945	-
Std. Err. of Entry Mean			7	8	0.3	400	1
Model R-squared			0.74	0.53	0.86	0.61	0.33

1. Grain quality rating: 1 = excellent to 5 = poor.
2. CV = 4.3%, and df for EMS = 51.

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: April 25, 2019.

Harvested: October 2, 2019.

Seeding Rate: 34,000 seeds per acre in 30-inch rows.

Soil Type: Suches loam.

Previous Crop: Soybeans.

Soil Test: P = Very High, K = High, and pH = 5.9. Applied 1.25 ton lime per acre.

Fertilization: 130 lb N, 60 lb P₂O₅, and 249 lb K₂O/acre as preplant; 240 lb N/acre as sidedress.

Management: Conventional tillage. Atrazine, Zidua, Roundup and Steadfast Q applied for weed control.

Test conducted by H. Jordan, G. Ware, C. Graham, L. Lee, D. Patterson, and D. Rogers.