

Statewide Yield Summary: Corn Grain Performance, Georgia, 2020

Company or Brand Name	Hybrid Name	Coastal Plain		North Georgia		Statewide	
		2020	2-Yr	2020	2-Yr	2020	2-Yr
----- bu/acre -----							
Pioneer	P1870YHR	255	244	188	226	229	236
DEKALB	DKC68-69 VT2P	247	234	188	222	225	229
AgriGold	A647-35-3330	243	.	183	.	221	.
AgriGold	A6544VT2RIB	244	243	189	213	217	230
DEKALB	DKC69-99 TRECEPTA	246	.	181	.	216	.
Dyna-Gro	D54VC34	243	.	180	.	215	.
DEKALB	DKC67-94	238	.	188	.	213	.
Dyna-Gro	D54VC14	235	232	183	208	212	222
AgriGold	A645-16VT2PRO	225	.	183	.	208	.
Dyna-Gro	D58VC65	236	236	168	211	206	225
AgriGold	A646-12VT2RIB	224	.	181	.	203	.
DEKALB	DKC67-37 SS	221	.	178	.	201	.
AgriGold	A642-47STX	223	.	176	.	201	.
DEKALB	DKC64-44 VT2P	228	.	163	.	198	.
DEKALB	DKC64-64 RIB	223	.	166	.	198	.
Augusta	7168VT2Pro	.	.	180	.	.	.
Augusta	1367-3220GT	.	.	180	.	.	.
Augusta	5065-3110GT	.	.	179	.	.	.
Augusta	1065VT2Pro	.	.	176	.	.	.
NK Brand	NK1677-3110	257	.	.	.	.	.
Pioneer	P1847VYHR	256	.	.	.	.	.
Local Seed	LC1577 VT2P	254	244	.	.	.	.
CROPLAN	5678 VT2P	250	235	.	.	.	.
NK Brand	NK1748-3110	250	.	.	.	.	.
MorCorn	MC 4670	249	.	.	.	.	.
Local Seed	LC1898 TC	247	.	.	.	.	.
Local Seed	LCX13-20TC	244	.	.	.	.	.
Local Seed	LCX15-20 VT2P	242	.	.	.	.	.
NK Brand	NK1573-5222	242	.	.	.	.	.
MorCorn	MC 4725	241	231	.	.	.	.
AgraTech	711VT2P	240	233	.	.	.	.
Local Seed	LCX17-21 VT2P	237	.	.	.	.	.
CROPLAN	5340 VT2P	236	232	.	.	.	.
Local Seed	LCX14-20 VT2P	233	.	.	.	.	.
MorCorn	MC 4255	230	223	.	.	.	.
Local Seed	LC1697 VT2P	229	.	.	.	.	.
Local Seed	LC1497 DGVT2P	228	.	.	.	.	.
MorCorn	MC 4319	227	224	.	.	.	.
Local Seed	LC1398 VT2P	226	.	.	.	.	.
Local Seed	LCX17-22 VT2P	221	.	.	.	.	.
Local Seed	LC1987 VT2P	221	222	.	.	.	.
AgraTech	85VT2P	212	221	.	.	.	.
Local Seed	LC1289 VT2P	212	217	.	.	.	.
Average		235	231	179	216	211	228
LSD at 10% Level		13	10	15	12	10	7
Model R-squared		0.65	0.89	0.92	0.92	0.87	0.91

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry. Yields are calculated as 56 pounds per bushel at 15.5% moisture.

Coastal Plain Region

Coastal Plain Yield Summary: Corn Grain Performance, Georgia, 2020

Company or Brand Name	Hybrid Name	Overall		Dryland	Irrigated			Average
		2020	2-Yr	Tifton	Tifton	Plains	Midville	
----- bu/acre -----								
Pioneer	P1847VYHR	256	.	192	267	258	307	277
NK Brand	NK1677-3110	257	.	199	273	252	302	276
Pioneer	P1870YHR	255	244	212	278	251	280	270
Local Seed	LC1577 VT2P	254	244	213	278	241	285	268
CROPLAN	5678 VT2P	250	235	196	273	247	285	268
AgriGold	A6544VT2RIB	244	243	180	263	242	293	266
NK Brand	NK1573-5222	242	.	172	258	235	302	265
Local Seed	LC1898 TC	247	.	195	263	262	269	265
MorCorn	MC 4670	249	.	209	265	242	280	263
NK Brand	NK1748-3110	250	.	212	245	277	265	262
DEKALB	DKC68-69 VT2P	247	234	202	253	248	285	262
AgraTech	711VT2P	240	233	177	254	245	286	262
DEKALB	DKC69-99 TRECEPTA	246	.	202	267	253	262	261
AgriGold	A647-35-3330	243	.	199	242	259	272	258
Local Seed	LCX13-20TC	244	.	203	260	242	270	257
MorCorn	MC 4725	241	231	194	238	239	294	257
Local Seed	LCX15-20 VT2P	242	.	203	259	238	267	255
DEKALB	DKC67-94	238	.	191	258	225	276	253
Dyna-Gro	D54VC34	243	.	218	268	238	250	252
Dyna-Gro	D58VC65	236	236	196	255	225	270	250
Dyna-Gro	D54VC14	235	232	191	261	239	249	250
CROPLAN	5340 VT2P	236	232	197	268	214	264	249
Local Seed	LCX17-21 VT2P	237	.	204	241	243	260	248
Local Seed	LCX14-20 VT2P	233	.	196	247	229	260	245
Local Seed	LC1697 VT2P	229	.	187	243	226	260	243
AgriGold	A646-12VT2RIB	224	.	171	255	238	232	242
Local Seed	LC1497 DGVT2P	228	.	187	244	233	247	241
DEKALB	DKC64-44 VT2P	228	.	188	245	228	250	241
MorCorn	MC 4319	227	224	187	246	226	251	241
Local Seed	LCX17-22 VT2P	221	.	165	245	208	268	240
AgriGold	A642-47STX	223	.	175	254	221	243	239
AgriGold	A645-16VT2PRO	225	.	183	251	215	250	239
MorCorn	MC 4255	230	223	210	240	218	254	237
DEKALB	DKC67-37 SS	221	.	173	231	245	234	237
Local Seed	LC1398 VT2P	226	.	202	254	237	213	235
Local Seed	LC1987 VT2P	221	222	186	244	226	227	232
DEKALB	DKC64-64 RIB	223	.	196	229	224	242	232
Local Seed	LC1289 VT2P	212	217	179	215	219	234	223
AgraTech	85VT2P	212	221	202	218	202	226	215
Average		235	231	193	245	236	263	248
LSD at 10% Level		13	10	23	19	15	26	13
Model R-squared		0.65	0.89	0.61	0.67	0.68	0.61	0.48

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

Tifton, Georgia: Corn Grain Performance, 2020, Dryland

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants	Grain Quality ¹ rating	Grain Moisture %	Actual Population plants/acre	Lodging %
		2020 ----- bu/acre	2-Yr Avg ----- -----					
Dyna-Gro	D54VC34	218	.	100	2.0	12.2	25,626	4
Local Seed	LC1577 VT2P	213	150	100	2.0	12.2	26,694	2
NK Brand	NK1748-3110	212	.	100	2.0	13.4	26,907	1
Pioneer	P1870YHR	212	134	100	2.0	13.4	26,801	0
MorCorn	MC 4255	210	147	101	3.0	12.1	27,334	0
MorCorn	MC 4670	209	.	101	2.0	12.7	27,548	1
Local Seed	LCX17-21 VT2P	204	.	99	2.0	13.8	26,907	1
Local Seed	LCX15-20 VT2P	203	.	100	2.0	12.0	27,121	3
Local Seed	LCX13-20TC	203	.	100	2.0	11.6	26,694	1
DEKALB	DKC69-99	202	.	100	1.0	13.3	26,801	2
Local Seed	LC1398 VT2P	202	.	102	2.0	12.3	26,801	4
DEKALB	DKC68-69 VT2P	202	136	100	2.0	13.7	26,694	4
AgraTech	85VT2P	202	133	100	3.0	12.5	25,840	3
NK Brand	NK1677-3110	199	.	99	1.0	13.3	26,587	1
AgriGold	A647-35-3330	199	.	99	1.0	12.9	26,801	10
CROPLAN	5340 VT2P	197	145	100	3.0	11.9	26,160	1
Local Seed	LCX14-20 VT2P	196	.	101	3.0	11.8	26,694	13
DEKALB	DKC64-64 RIB	196	.	102	4.0	11.8	26,587	0
CROPLAN	5678 VT2P	196	119	100	2.0	12.3	26,801	6
Dyna-Gro	D58VC65	196	140	98	2.0	12.1	25,840	0
Local Seed	LC1898 TC	195	.	99	1.0	12.5	26,694	2
MorCorn	MC 4725	194	120	98	2.0	12.4	26,267	2
Pioneer	P1847VYHR	192	.	98	1.0	13.0	27,014	16
DEKALB	DKC67-94	191	.	100	1.0	12.5	26,373	2
Dyna-Gro	D54VC14	191	140	102	2.0	12.0	25,840	0
DEKALB	DKC64-44 VT2P	188	.	102	2.0	11.9	25,626	4
Local Seed	LC1497 DGVT2P	187	.	100	2.0	11.6	27,441	2
MorCorn	MC 4319	187	138	99	2.0	12.8	26,373	2
Local Seed	LC1697 VT2P	187	.	100	2.0	12.6	27,014	0
Local Seed	LC1987 VT2P	186	140	98	4.0	13.8	26,801	1
AgriGold	A645-16VT2PRO	183	.	100	2.0	12.8	26,587	1
AgriGold	A6544VT2RIB	180	144	99	3.0	11.5	27,121	3
Local Seed	LC1289 VT2P	179	136	99	3.0	12.3	26,801	2
AgraTech	711VT2P	177	124	103	2.0	11.9	25,840	4
AgriGold	A642-47STX	175	.	99	3.0	13.2	27,014	0
DEKALB	DKC67-37 SS	173	.	102	2.0	12.9	26,053	1
NK Brand	NK1573-5222	172	.	97	2.0	11.9	26,160	7
AgriGold	A646-12VT2RIB	171	.	99	3.0	12.2	26,694	4
Local Seed	LCX17-22 VT2P	165	.	98	3.0	12.1	25,946	8
Average		193	136	100	2.2	12.5	26,587	3
LSD at 10% Level		23	NS	NS	-	0.5	NS	-
Model R-squared		0.61	0.78	0.27	-	0.79	0.28	0.41

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

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 15, 2020.

Harvested: September 8, 2020.

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

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 6.2.

Fertilization: Preplant: 70 lb N, 40 lb P₂O₅, and 70 lb K₂O/acre. Sidedress: 130 lb N/acre.

Previous Crop: Grain sorghum.

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

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

Tifton, Georgia: Corn Grain Performance, 2020, Irrigated

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants	Grain Quality ¹ rating	Grain Moisture %	Actual Population plants/acre	Lodging %
		2020 ----- bu/acre	2-Yr Avg ----- bu/acre					
Local Seed	LC1577 VT2P	278	284	100	2.0	17.2	35,663	0
Pioneer	P1870YHR	278	294	99	2.0	18.7	35,343	0
NK Brand	NK1677-3110	273	.	100	1.0	17.8	35,236	14
CROPLAN	5678 VT2P	273	282	100	2.0	17.4	35,770	3
CROPLAN	5340 VT2P	268	278	99	2.0	16.5	34,809	1
Dyna-Gro	D54VC34	268	.	100	2.0	17.6	33,848	4
MorCorn	SXO0133	267	.	102	1.0	15.9	35,556	0
DEKALB	DKC69-99	267	.	99	1.0	18.0	35,770	5
Pioneer	P1847VYHR	267	.	100	1.0	18.4	33,848	43
Augusta	1367-3220GT	267	.	101	2.0	18.8	34,702	1
MorCorn	MC 4670	265	.	100	1.0	17.4	35,022	5
Local Seed	LC1898 TC	263	.	100	2.0	17.0	35,236	1
AgriGold	A6544VT2RIB	263	285	100	2.0	16.9	35,343	0
Dyna-Gro	D54VC14	261	276	100	2.0	17.2	34,275	0
Local Seed	LCX13-20TC	260	.	100	2.0	16.1	35,022	1
Local Seed	LCX15-20 VT2P	259	.	102	3.0	17.0	31,285	18
Dyna-Gro	D53VC33	259	.	100	2.0	16.4	35,556	6
DEKALB	DKC67-94	258	.	100	1.0	17.7	33,954	6
NK Brand	NK1573-5222	258	.	99	2.0	18.2	35,770	11
MorCorn	SXP0112	256	.	112	2.0	16.3	34,168	1
Dyna-Gro	D58VC65	255	273	100	2.0	17.2	33,100	4
AgriGold	A646-12VT2RIB	255	.	99	2.0	17.7	34,702	1
Local Seed	LC1398 VT2P	254	.	102	2.0	17.0	34,702	2
AgraTech	711VT2P	254	272	99	2.0	16.7	32,780	1
AgriGold	A642-47STX	254	.	100	2.0	17.3	35,343	0
MorCorn	SXP0153	254	.	100	2.0	17.0	34,702	10
Augusta	5065-3110GT	254	.	100	2.0	18.6	34,382	15
DEKALB	DKC68-69 VT2P	253	265	100	1.0	18.6	34,702	4
AgriGold	A645-16VT2PRO	251	.	101	2.0	17.2	35,022	0
MorCorn	SXP0171	251	.	99	1.0	19.1	36,090	43
MorCorn	SXP0102	251	.	99	2.0	16.1	35,449	2
MorCorn	SXP0181	249	.	100	1.0	18.5	34,702	24
Local Seed	LCX14-20 VT2P	247	.	101	2.0	17.0	34,168	3
MorCorn	MC 3952	247	.	101	2.0	15.7	34,702	1
MorCorn	MC 4319	246	261	100	2.0	17.5	34,275	0
MorCorn	SXP0121	246	.	99	3.0	17.1	35,129	0
DEKALB	DKC64-44 VT2P	245	.	102	2.0	16.1	34,488	0
NK Brand	NK1748-3110	245	.	100	1.0	18.1	35,236	1
MorCorn	SXP0103	245	.	101	2.0	15.8	34,382	5
Local Seed	LCX17-22 VT2P	245	.	100	3.0	16.9	35,022	1
Local Seed	LC1987 VT2P	244	262	99	2.0	18.1	35,343	0
Local Seed	LC1497 DGV2P	244	.	101	3.0	16.2	34,595	0
ExCeed Genetics	M 17GS01	243	.	99	2.0	18.3	31,605	13
Local Seed	LC1697 VT2P	243	.	101	2.0	17.7	35,129	0
AgriGold	A647-35-3330	242	.	100	1.0	18.6	34,382	30
MorCorn	SXP0152	241	.	99	2.0	17.4	34,275	8
Local Seed	LCX17-21 VT2P	241	.	99	3.0	17.4	35,770	0
MorCorn	SXP0172	241	.	100	2.0	18.1	34,488	14
MorCorn	SXP0182	241	.	98	2.0	18.4	34,168	0
MorCorn	MC 4255	240	254	100	2.0	16.7	33,848	0
Augusta	7168VT2Pro	239	.	99	2.0	18.2	34,275	0
MorCorn	SXP0141	239	.	101	2.0	17.1	35,449	7
MorCorn	MC 4725	238	260	100	3.0	18.2	32,993	16
Augusta	1065VT2Pro	236	.	101	2.0	17.0	31,605	11
DEKALB	DKC67-37 SS	231	.	97	1.0	17.1	34,809	0

**Tifton, Georgia (Continued):
Corn Grain Performance, 2020, Irrigated**

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants	Grain Quality ¹ rating	Grain Moisture %	Plant Pop. no.	Lodging %
		2020 ----- bu/acre	2-Yr Avg -----					
DEKALB	DKC64-64 RIB	229	.	101	3.0	16.5	33,954	0
ExCeed Genetics	XTH 7971	226	.	99	3.0	17.5	32,993	1
ExCeed Genetics	M 12 G33	223	.	100	3.0	15.9	35,236	3
AgraTech	85VT2P	218	251	100	3.0	18.4	26,801	1
Local Seed	LC1289 VT2P	215	243	98	2.0	16.3	34,168	2
ExCeed Genetics	XTH 8954	212	.	102	3.0	18.0	33,207	9
ExCeed Genetics	XTH 7702	212	.	94	3.0	16.8	31,605	1
ExCeed Genetics	XTH 7906	209	.	100	2.0	16.5	29,897	0
ExCeed Genetics	M 18G88	208	.	100	3.0	19.1	32,139	39
ExCeed Genetics	XTH 8710	201	.	100	4.0	18.8	31,285	41
ExCeed Genetics	XTH 8921	197	.	100	2.0	17.3	30,324	2
ExCeed Genetics	XTH 8925	182	.	95	2.0	17.4	31,605	19
Average		245	269	100	2.0	17.4	34,107	7
LSD at 10% Level		19	12	3	-	0.5	1,901	-
Model R-squared		0.67	0.73	0.44	-	0.85	0.58	0.56

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

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

Planted: April 16, 2020.

Harvested: September 1, 2020.

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

Soil Type: Tifton loamy sand.

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

Fertilization: Preplant: 140 lb N, 0 lb P₂O₅, and 280 lb K₂O/acre. Sidedress: 260 lb N/acre.

Previous Crop: Cotton.

Management: Conventional tillage. Atrazine, Warrant, Zidua, and Accent Q used for weed control.
Irrigated 11.5 inches.

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

Plains, Georgia: Corn Grain Performance, 2020, Irrigated

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants	Grain Quality ¹ rating	Grain Moisture %	Actual Population plants/acre	Lodging %
		2020 ----- bu/acre	2-Yr Avg -----					
NK Brand	NK1748-3110	277	.	100	2.0	15.7	35,022	1
Local Seed	LC1898 TC	262	.	100	1.0	14.8	35,129	1
AgriGold	A647-35-3330	259	.	100	2.0	16.7	35,129	1
Pioneer	P1847VYHR	258	.	99	2.0	15.5	35,236	0
DEKALB	DKC69-99	253	.	99	1.0	15.2	34,702	0
NK Brand	NK1677-3110	252	.	99	2.0	15.6	34,382	1
Pioneer	P1870YHR	251	260	99	3.0	16.0	35,022	0
DEKALB	DKC68-69 VT2P	248	251	98	2.0	17.0	34,809	2
CROPLAN	5678 VT2P	247	256	99	2.0	15.3	34,488	2
DEKALB	DKC67-37 SS	245	.	99	2.0	15.7	35,343	0
AgraTech	711VT2P	245	259	99	3.0	14.3	32,139	1
Local Seed	LCX17-21 VT2P	243	.	100	2.0	15.6	34,061	1
AgriGold	A6544VT2RIB	242	258	97	4.0	15.3	35,022	0
MorCorn	MC 4670	242	.	100	2.0	15.0	33,421	2
Local Seed	LCX13-20TC	242	.	98	2.0	14.4	33,421	0
Local Seed	LC1577 VT2P	241	257	98	3.0	15.2	33,954	2
MorCorn	MC 4725	239	254	99	3.0	16.6	33,954	1
Dyna-Gro	D54VC14	239	253	98	3.0	14.7	34,061	1
AgriGold	A646-12VT2RIB	238	.	96	2.0	14.5	34,595	1
Local Seed	LCX15-20 VT2P	238	.	99	3.0	15.7	34,382	2
Dyna-Gro	D54VC34	238	.	100	3.0	15.4	33,100	1
Local Seed	LC1398 VT2P	237	.	98	4.0	14.6	34,809	0
NK Brand	NK1573-5222	235	.	99	3.0	16.0	33,100	2
Local Seed	LC1497 DGVT2P	233	.	100	3.0	14.4	35,022	2
Local Seed	LCX14-20 VT2P	229	.	99	2.0	14.3	34,488	0
DEKALB	DKC64-44 VT2P	228	.	98	3.0	15.4	32,993	0
Local Seed	LC1697 VT2P	226	.	98	3.0	16.0	33,527	0
Local Seed	LC1987 VT2P	226	239	99	1.0	15.4	33,741	0
MorCorn	MC 4319	226	243	96	3.0	15.5	34,915	0
DEKALB	DKC67-94	225	.	100	1.0	15.6	34,809	1
Dyna-Gro	D58VC65	225	250	98	2.0	15.4	34,275	5
DEKALB	DKC64-64 RIB	224	.	99	3.0	14.6	31,605	0
AgriGold	A642-47STX	221	.	99	3.0	15.7	34,168	0
Local Seed	LC1289 VT2P	219	235	100	3.0	14.2	33,741	1
MorCorn	MC 4255	218	224	99	3.0	14.8	34,595	1
AgriGold	A645-16VT2PRO	215	.	99	2.0	15.8	33,527	2
CROPLAN	5340 VT2P	214	243	100	3.0	13.9	33,100	0
Local Seed	LCX17-22 VT2P	208	.	97	2.0	14.0	33,527	1
AgraTech	85VT2P	202	243	98	3.0	15.1	26,480	1
Average		236	248	99	2.5	15.2	33,944	1
LSD at 10% Level		15	15	NS	-	1.1	1,899	-
Model R-squared		0.68	0.57	0.29	-	0.47	0.55	0.24

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

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:

Harvested:

Seeding Rate:

Soil Type:

Soil Test:

Fertilization:

Previous Crop:

Management:

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

Midville, Georgia: Corn Grain Performance, 2020, Irrigated

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants	Grain Quality ¹ rating	Grain Moisture %	Actual	
		2020 ----- bu/acre	2-Yr Avg ----- bu/acre				Population plants/acre	Lodging %
Pioneer	P1847VYHR	307	.	.	1.0	16.5	.	.
NK Brand	NK1573-5222	302	.	.	2.0	16.2	.	.
NK Brand	NK1677-3110	302	.	.	1.0	15.7	.	.
MorCorn	MC 4725	294	291	.	3.0	16.4	.	.
AgriGold	A6544VT2RIB	293	283	.	3.0	15.3	.	.
AgraTech	711VT2P	286	279	.	2.0	15.2	.	.
DEKALB	DKC68-69 VT2P	285	283	.	2.0	16.7	.	.
Local Seed	LC1577 VT2P	285	283	.	2.0	15.1	.	.
CROPLAN	5678 VT2P	285	282	.	2.0	16.2	.	.
MorCorn	MC 4670	280	.	.	1.0	15.2	.	.
Pioneer	P1870YHR	280	286	.	2.0	17.0	.	.
DEKALB	DKC67-94	276	.	.	1.0	15.5	.	.
AgriGold	A647-35-3330	272	.	.	1.0	16.5	.	.
Local Seed	LCX13-20TC	270	.	.	2.0	14.7	.	.
Dyna-Gro	D58VC65	270	281	.	2.0	15.5	.	.
Local Seed	LC1898 TC	269	.	.	1.0	15.4	.	.
Local Seed	LCX17-22 VT2P	268	.	.	3.0	14.9	.	.
Local Seed	LCX15-20 VT2P	267	.	.	3.0	15.4	.	.
NK Brand	NK1748-3110	265	.	.	2.0	16.1	.	.
CROPLAN	5340 VT2P	264	263	.	2.0	14.8	.	.
DEKALB	DKC69-99 TRECEPTA	262	.	.	1.0	15.7	.	.
Local Seed	LCX14-20 VT2P	260	.	.	2.0	15.4	.	.
Local Seed	LCX17-21 VT2P	260	.	.	2.0	16.1	.	.
Local Seed	LC1697 VT2P	260	.	.	2.0	16.2	.	.
MorCorn	MC 4255	254	268	.	2.0	15.4	.	.
MorCorn	MC 4319	251	253	.	2.0	16.1	.	.
AgriGold	A645-16VT2PRO	250	.	.	2.0	16.4	.	.
DEKALB	DKC64-44 VT2P	250	.	.	2.0	15.0	.	.
Dyna-Gro	D54VC34	250	.	.	2.0	15.3	.	.
Dyna-Gro	D54VC14	249	261	.	2.0	15.6	.	.
Local Seed	LC1497 DGVT2P	247	.	.	2.0	15.4	.	.
AgriGold	A642-47STX	243	.	.	3.0	15.2	.	.
DEKALB	DKC64-64 RIB	242	.	.	3.0	14.9	.	.
Local Seed	LC1289 VT2P	234	254	.	3.0	15.0	.	.
DEKALB	DKC67-37 SS	234	.	.	2.0	15.6	.	.
AgriGold	A646-12VT2RIB	232	.	.	2.0	15.7	.	.
Local Seed	LC1987 VT2P	227	247	.	2.0	17.7	.	.
AgraTech	85VT2P	226	256	.	3.0	15.7	.	.
Local Seed	LC1398 VT2P	213	.	.	2.0	16.2	.	.
Average		263	271	-	2.0	15.7	-	-
LSD at 10% Level		26	17	-	-	1.1	-	-
Model R-squared		0.61	0.38	-	-	0.45	-	-

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

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

Planted: May 6, 2020.

Harvested: September 15, 2020.

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

Soil Type: Dothan sandy loam.

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

Fertilization: Preplant: 100 lb N, 170 lb P₂O₅, and 200 lb K₂O/acre. Sidedress: 212 lb N/acre.

Previous Crop: Peanuts.

Management: Conventional tillage. Atrazine and Warrant used for weed control. Telone II used for nematode control. Irrigated 17.6 inches.

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

North Georgia Region

North Georgia Yield Summary: Corn Grain Performance, Georgia, 2020

Company or Brand Name	Hybrid Name	Athens	Rome		Overall	
			Dryland	Irrigated	2020	2-Yr Avg
----- bu/acre -----						
AgriGold	A6544VT2RIB	282	94	191	189	213
DEKALB	DKC68-69 VT2P	252	119	193	188	222
DEKALB	DKC67-94	274	102	187	188	.
Pioneer	P1870YHR	268	118	177	188	226
AgriGold	A645-16VT2PRO	275	121	153	183	.
Dyna-Gro	D54VC14	266	109	172	183	208
AgriGold	A647-35-3330	278	101	169	183	.
AgriGold	A646-12VT2RIB	278	103	160	181	.
DEKALB	DKC69-99 TRECEPTA	268	102	171	181	.
Augusta	7168VT2Pro	280	100	160	180	.
Dyna-Gro	D54VC34	275	91	174	180	.
Augusta	1367-3220GT	266	96	177	180	.
Augusta	5065-3110GT	269	95	172	179	.
DEKALB	DKC67-37 SS	248	115	172	178	.
AgriGold	A642-47STX	266	88	174	176	.
Augusta	1065VT2Pro	255	98	176	176	.
Dyna-Gro	D58VC65	250	91	164	168	211
DEKALB	DKC64-64 RIB	264	76	158	166	.
DEKALB	DKC64-44 VT2P	265	72	151	163	.
Average		267	99	171	179	216
LSD at 10% Level		NS	21	21	15	12
Model R-squared		0.46	0.67	0.45	0.92	0.92

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).

Note: Blairsville was not planted due to Covid-19 delays. Results from that location in 2019 are included in the 2-yr average.

Athens, Georgia: Corn Grain Performance, 2020, Irrigated

Company or Brand Name	Hybrid Name	Yield		Grain Quality ¹ rating	Grain Moisture %	Actual	
		2020 ----- bu/acre	2-Yr Avg -----			Population plants/acre	Lodging %
AgriGold	A6544VT2RIB	282	299	.	19.0	.	.
Augusta	7168VT2Pro	280	.	.	16.8	.	.
AgriGold	A646-12VT2RIB	278	.	.	18.9	.	.
AgriGold	A647-35-3330	278	.	.	19.8	.	.
Dyna-Gro	D54VC34	275	.	.	20.2	.	.
AgriGold	A645-16VT2PRO	275	.	.	18.9	.	.
DEKALB	DKC67-94	274	.	.	19.3	.	.
Augusta	5065-3110GT	269	.	.	18.6	.	.
DEKALB	DKC69-99	268	.	.	18.1	.	.
Pioneer	P1870YHR	268	294	.	18.7	.	.
Augusta	1367-3220GT	266	.	.	19.8	.	.
AgriGold	A642-47STX	266	.	.	19.5	.	.
Dyna-Gro	D54VC14	266	277	.	17.5	.	.
DEKALB	DKC64-44 VT2P	265	.	.	19.2	.	.
DEKALB	DKC64-64 RIB	264	.	.	18.9	.	.
Augusta	1065VT2Pro	255	.	.	18.1	.	.
DEKALB	DKC68-69 VT2P	252	267	.	18.7	.	.
Dyna-Gro	D58VC65	250	274	.	18.5	.	.
DEKALB	DKC67-37 SS	248	.	.	18.3	.	.
Average		267	282	-	18.8	-	-
LSD at 10% Level		NS	17	-	NS	-	-
Model R-squared		0.46	0.64	-	0.30	-	-

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

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: May 14, 2020.

Harvested: September 29, 2020.

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

Soil Type: Wickham sandy loam.

Previous Crop: Soybeans.

Soil Test: P = Low, K = Low, and pH = 6.2.

Fertilization: Preplant: 60 lb N, 312 lb P₂O₅, and 360 lb K₂O/acre. Sidedress: 350 lb N/acre.

Management: Conventional tillage. Atrazine and Warrant used for weed control. Irrigated.

Test conducted by G. Ware, B. Weldy, C. Fox, J. Griffin, and K. Roach.

Rome, Georgia: Corn Grain Performance, 2020, Dryland

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Actual Population plants/acre	Lodging %
		2020 ----- bu/acre	2-Yr Avg -----					
AgriGold	A645-16VT2PRO	121	.	.	.	19.7	.	.
DEKALB	DKC68-69 VT2P	119	134	.	.	23.5	.	.
Pioneer	P1870YHR	118	125	.	.	21.5	.	.
DEKALB	DKC67-37 SS	115	.	.	.	20.7	.	.
Dyna-Gro	D54VC14	109	125	.	.	20.8	.	.
AgriGold	A646-12VT2RIB	103	.	.	.	20.4	.	.
DEKALB	DKC69-99 TRECEPTA	102	.	.	.	21.0	.	.
DEKALB	DKC67-94	102	.	.	.	20.0	.	.
AgriGold	A647-35-3330	101	.	.	.	22.8	.	.
Augusta	7168VT2Pro	100	.	.	.	23.1	.	.
Augusta	1065VT2Pro	98	.	.	.	21.8	.	.
Augusta	1367-3220GT	96	.	.	.	22.3	.	.
Augusta	5065-3110GT	95	.	.	.	21.4	.	.
AgriGold	A6544VT2RIB	94	115	.	.	20.7	.	.
Dyna-Gro	D58VC65	91	120	.	.	21.1	.	.
Dyna-Gro	D54VC34	91	.	.	.	21.3	.	.
AgriGold	A642-47STX	88	.	.	.	21.9	.	.
DEKALB	DKC64-64 RIB	76	.	.	.	20.9	.	.
DEKALB	DKC64-44 VT2P	72	.	.	.	20.9	.	.
Average		99	123	-	-	21.3	-	-
LSD at 10% Level		21	NS	-	-	1.4	-	-
Model R-squared		0.67	0.38	-	-	0.59	-	-

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

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: June 6, 2020.

Harvested: October 6, 2020.

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

Soil Type: Wax loam.

Previous Crop: Soybeans.

Soil Test: P = High, K = High, and pH = 5.7.

Fertilization: Preplant: 70 lb N, 0 lb P₂O₅, 0 lb K₂O, and 2,000 lb dolomitic lime/acre. Sidedress: 155 lb N/acre.

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

Test conducted by G. Ware, B. Weldy, M. Tucker, and T. Turnquist.

Rome, Georgia: Corn Grain Performance, 2020, Irrigated

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants no.	Grain Quality ¹ rating	Grain Moisture %	Actual	
		2020 ----- bu/acre	2-Yr Avg ----- bu/acre				Population plants/acre	Lodging %
DEKALB	DKC68-69 VT2P	193	211	.	.	20.2	.	.
AgriGold	A6544VT2RIB	191	209	.	.	17.0	.	.
DEKALB	DKC67-94	187	.	.	.	19.2	.	.
Pioneer	P1870YHR	177	207	.	.	17.2	.	.
Augusta	1367-3220GT	177	.	.	.	17.3	.	.
Augusta	1065VT2Pro	176	.	.	.	16.0	.	.
Dyna-Gro	D54VC34	174	.	.	.	17.1	.	.
AgriGold	A642-47STX	174	.	.	.	19.4	.	.
Dyna-Gro	D54VC14	172	181	.	.	16.4	.	.
Augusta	5065-3110GT	172	.	.	.	17.4	.	.
DEKALB	DKC67-37 SS	172	.	.	.	18.9	.	.
DEKALB	DKC69-99 TRECEPTA	171	.	.	.	18.3	.	.
AgriGold	A647-35-3330	169	.	.	.	17.5	.	.
Dyna-Gro	D58VC65	164	193	.	.	15.9	.	.
AgriGold	A646-12VT2RIB	160	.	.	.	15.3	.	.
Augusta	7168VT2Pro	160	.	.	.	18.4	.	.
DEKALB	DKC64-64 RIB	158	.	.	.	15.5	.	.
AgriGold	A645-16VT2PRO	153	.	.	.	17.8	.	.
DEKALB	DKC64-44 VT2P	151	.	.	.	17.1	.	.
Average		171	200	-	-	17.4	-	-
LSD at 10% Level		21	NS	-	-	1.8	-	-
Model R-squared		0.45	0.50	-	-	0.62	-	-

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

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: June 6, 2020.

Harvested: October 6, 2020.

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

Soil Type: Wax loam.

Previous Crop: Soybeans.

Soil Test: P = Very High, K = High, and pH = 6.6.

Fertilization: Preplant: 124 lb N, 138 lb P₂O₅, and 180 lb K₂O/acre. Sidedress: 155 lb N/acre.

Management: Conventional tillage. Atrazine, Warant, Callisto and Option applied for weed control.
Irrigated 20.5 inches.

Test conducted by G. Ware, B. Weldy, M. Tucker, and T. Turnquist.