

Georgia

2021 Corn, Sorghum Grain and Silage, and Summer Annual Forages Performance Tests

Currently Includes

Corn Grain
Corn Silage
Sorghum silage

Additional tables and details will be added as they become available

Statewide Yield Summary: Corn Grain Performance, Georgia, 2021

Company or Brand Name	Hybrid Name	RM	Blairsville Rome		Rome	Athens	Midville	Tifton	Tifton	Plains
			Dryland		Irrigated		Dryland	Irrigated		
AgriGold	A642-47STX	112	310	179	282	266	254	164	241	238
AgriGold	A647-35-5222	117	343	236	233	292	271	169	260	268
AgriGold	A647-42TRC	117	298	255	315	283	289	142	284	250
AgriGold	A6544VT2RIB	113	323	241	320	231	301	145	273	269
Augusta	1367-3220GTD	117	338	298	271	301	.	.	281	.
Augusta	5065-3110GTD	115	371	211	297	285	.	.	268	.
Croplan	5340 VT2P	113	.	.	.	.	274	161	242	251
Croplan	5550 VT2P	115	.	.	.	.	277	153	263	259
Croplan	5678 VT2P	115	.	.	.	.	304	150	260	263
Dekalb	DKC 62-70 V2TP	112	329	261	263	261	265	163	268	242
Dekalb	DKC 65-84 SS	115	335	203	262	308	269	151	260	226
Dekalb	DKC 68-48 SS	118	327	227	309	245	291	175	280	274
Dekalb	DKC 68-95 SS	118	339	222	231	210	276	173	268	260
Dyna-Gro	D51VC41	111	.	.	.	.	269	167	230	224
Dyna-Gro	D51VC67	111	.	.	.	.	252	121	231	223
Dyna-Gro	D53TC19	113	.	.	.	.	254	170	263	247
Dyna-Gro	D53VC33	113	.	.	.	.	287	161	265	251
Dyna-Gro	D54VC14	114	.	.	.	.	277	148	264	260
Dyna-Gro	D54VC34	114	.	.	.	.	290	170	267	274
Dyna-Gro	D55VC80	115	.	.	.	.	289	163	278	254
Dyna-Gro	D57TC29	117	.	.	.	.	284	152	258	267
Dyna-Gro	D57VC51	117	.	.	.	.	286	174	285	264
Dyna-Gro	D58VC65	118	.	.	.	.	284	155	266	264
LG Seeds	LG5643VT2PRO	114	.	.	.	.	295	150	266	263
LG Seeds	LG66C44VT2PRO	116	.	.	.	.	279	166	271	256
Local Seed	LC1307 TC	113	.	.	.	.	276	154	270	250
Local Seed	LC1407 VT2P	114	.	.	.	.	252	171	255	216
Local Seed	LC1506 VT2P	115	.	.	.	.	232	134	265	237
Local Seed	LC1616 TC	116	.	.	.	.	250	171	253	254
Local Seed	LC1707 VT2P	117	.	.	.	.	258	155	232	240
Local Seed	LC1898 TC	118	.	.	.	.	273	163	277	242
Local Seed	LC1919 VT2P	118	.	.	.	.	291	159	265	247
Local Seed	LC1987 VT2P	119	.	.	.	.	283	158	260	250
MorCorn	MC 3952	109	.	.	.	.	284	163	261	232
MorCorn	MC 4161	111	.	.	.	.	282	185	264	242
MorCorn	MC 4255	112	.	.	.	.	262	149	251	253
MorCorn	MC 4311	113	.	.	.	.	287	163	274	245
MorCorn	MC 4319	113	.	.	.	.	273	147	244	253
MorCorn	MC 4670	116	.	.	.	.	277	133	264	237
MorCorn	MC 4725	117	.	.	.	.	289	170	284	266
NK Brand	NK1661-3120A	116	.	.	.	.	265	134	249	232
NK Brand	NK1677-3110	116	365	<u>192</u>	<u>232</u>	<u>301</u>	296	177	284	263
NK Brand	NK1748-3120A	117	.	.	.	.	280	175	271	252
Pioneer	P1847VYHR	118	.	.	.	.	299	167	294	250
Pioneer	P1870YHR	118	316	224	261	311	306	183	282	235
Progeny	PGY 2015VT2P	115	283	215	294	255	255	145	262	238
Progeny	PGY 2025VT2PDG	115	314	241	342	346	281	153	261	253
Progeny	PGY 2118VT2P	118	336	250	323	321	264	152	246	241
Progeny	PGY 8116SS	116	311	256	269	265	264	165	267	249
Progeny	PGY 9114VT2P	114	324	268	221	279	.	.	.	.
Progeny	PGY 9117VT2P	117	360	293	321	305	303	149	267	270
Average			330	237	280	281	277	159	264	250
LSD at 10% Level			29	NS	60	NS	21	19	17	19
Model R-squared			0.54	0.61	0.42	0.36	0.63	0.57	0.67	0.63

Additional hybrids appear on next page.

Statewide Yield Summary: Corn Grain Performance, Georgia, 2021 (Continued)

Company or Brand Name	Hybrid Name	RM	Blairsville		Rome		Athens	Midville	Tifton		Plains
			Dryland		Irrigated				Dryland	Irrigated	
CNI	INTEGRA 6410	114	.	.	.	.	.	265	.	268	241
CNI	INTEGRA 6588	115	.	.	.	.	.	269	.	269	234
CNI	INTEGRA 6621	116	.	.	.	.	.	256	.	257	226
CNI	INTEGRA 6641	116	.	.	.	.	.	294	.	297	255
CNI	INTEGRA 6695	116	.	.	.	.	.	259	.	265	232
CNI	INTEGRA 6720	117	.	.	.	.	.	260	.	259	222
CNI	INTEGRA 6811	118	.	.	.	.	.	259	.	275	232
CNI	INTEGRA 9678	117	.	.	.	.	.	262	.	267	231
Dekalb	DKC 66-94	116	.	.	.	.	.	248	.	258	229
Dekalb	DKC 70-25	120	.	.	.	.	.	297	.	286	258
Mixon Seed	AGS 108GTLLAG	108	.	.	.	.	.	229	.	236	193
Mixon Seed	AGS	117	.	.	.	.	.	281	.	270	255
Mixon Seed	AGS HX117GTAV	117	.	.	.	.	.	296	.	280	219
Mixon Seed	AGS116GTLLAV	116	.	.	.	.	.	283	.	279	251
<u>NK Brand</u>	<u>NK1677-3110</u>	116	.	.	.	.	.	296	.	281	262
Pioneer	P1637R	116	.	.	.	.	.	307	.	302	259
Average			.	.	.	.	.	273	.	272	237
LSD at 10% Level								16		21	21
Model R-squared								0.84		0.63	0.72

Notes: Hybrids on second page of the table were tested separately from the first page. As a result, direct statistical comparisons cannot be made. However, NK1677-3110 (underlined) was present in both groups, and had nearly identical yields. Several hybrids on the second page are non-Bt, and would be suitable to meet refuge requirements.

As of October 19, corn at Blairsville is still in the dry-down phase. Those yields will be added when available.

Statewide Yield Summary: Corn Grain Performance, Georgia, 2021

Company or Brand Name	Hybrid Name	Coastal Plain		North Georgia		Statewide	
		2021	2-Yr	2021	2-Yr	2021	2-Yr
----- bu/acre -----							
AgriGold	A642-47STX	224	224	259	222	242	217
AgriGold	A647-35-5222	242	.	276	.	259	.
AgriGold	A647-42TRC	241	.	287	.	264	.
AgriGold	A6544VT2RIB	247	246	279	239	263	237
Augusta	1367-3220GTD	.	.	302	249	.	.
Augusta	5065-3110GTD	.	.	291	242	.	.
Croplan	5340 VT2P	232	234	.	.	.	.
Croplan	5550 VT2P	238	.	.	.	.	.
Croplan	5678 VT2P	244	247	.	.	.	.
Dekalb	DKC 62-70 V2TP	234	.	279	.	256	.
Dekalb	DKC 65-84 SS	227	.	277	.	252	.
Dekalb	DKC 68-48 SS	255	.	277	.	266	.
Dekalb	DKC 68-95 SS	244	.	250	.	247	.
Dyna-Gro	D51VC41	222	.	.	.	.	.
Dyna-Gro	D51VC67	207	.	.	.	.	.
Dyna-Gro	D53TC19	234	.	.	.	.	.
Dyna-Gro	D53VC33	241	.	.	.	.	.
Dyna-Gro	D54VC14	237	236	.	.	.	.
Dyna-Gro	D54VC34	250	247	.	.	.	.
Dyna-Gro	D55VC80	246	.	.	.	.	.
Dyna-Gro	D57TC29	240	.	.	.	.	.
Dyna-Gro	D57VC51	252	.	.	.	.	.
Dyna-Gro	D58VC65	242	239	.	.	.	.
LG Seeds	LG5643VT2PRO	243	.	.	.	.	.
LG Seeds	LG66C44VT2PRO	243	.	.	.	.	.
Local Seed	LC1307 TC	237	.	.	.	.	.
Local Seed	LC1407 VT2P	224	.	.	.	.	.
Local Seed	LC1506 VT2P	217	.	.	.	.	.
Local Seed	LC1616 TC	232	.	.	.	.	.
Local Seed	LC1707 VT2P	222	.	.	.	.	.
Local Seed	LC1898 TC	239	243	.	.	.	.
Local Seed	LC1919 VT2P	241	.	.	.	.	.
Local Seed	LC1987 VT2P	238	229	.	.	.	.
MorCorn	MC 3952	235	.	.	.	.	.
MorCorn	MC 4161	243	.	.	.	.	.
MorCorn	MC 4255	229	230	.	.	.	.
MorCorn	MC 4311	242	.	.	.	.	.
MorCorn	MC 4319	229	228	.	.	.	.
MorCorn	MC 4670	228	239	.	.	.	.
MorCorn	MC 4725	252	247	.	.	.	.
NK Brand	NK1661-3120A	220	.	.	.	.	.
NK Brand	NK1677-3110	255	256	273	.	264	.
NK Brand	NK1748-3120A	244	.	.	.	.	.
Pioneer	P1847VYHR	253	254	.	.	.	.
Pioneer	P1870YHR	252	253	278	243	265	244
Progeny	PGY 2015VT2P	225	.	262	.	243	.
Progeny	PGY 2025VT2PDG	237	.	311	.	274	.
Progeny	PGY 2118VT2P	226	.	308	.	267	.
Progeny	PGY 8116SS	236	.	275	.	256	.
Progeny	PGY 9114VT2P	.	.	273	.	.	.
Progeny	PGY 9117VT2P	247	.	320	.	283	.
Average		237	241	282	239	260	232
LSD at 10% Level		8	8	26	NS	14	9
Model R-squared		0.92	0.83	0.43	0.79	0.66	0.79

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.

Tifton, Georgia: Corn Grain Performance, 2021, Dryland

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants	Grain Quality ¹ rating	Grain Moisture %	Actual Population plants/acre	Lodging %
		2021 ----- bu/acre	2-Yr Avg -----					
MorCorn	MC 4161	185	.	151	3.0	14.1	24,060	0
Pioneer	P1870YHR	183	197	104	1.0	15.7	24,345	0
NK Brand	NK1677-3110	177	188	104	1.0	15.0	24,060	0
NK Brand	NK1748-3120A	175	.	98	2.0	15.5	23,918	0
Dekalb	DKC 68-48 SS	175	.	117	1.0	15.7	23,633	0
Dyna-Gro	D57VC51	174	.	105	2.0	15.5	23,633	1
Dekalb	DKC 68-95 SS	173	.	101	3.0	15.3	23,633	0
Local Seed	LC1407 VT2P	171	.	126	3.0	14.2	24,345	1
Local Seed	LC1616 TC	171	.	102	2.0	14.5	24,060	0
MorCorn	MC 4725	170	182	110	2.0	14.4	24,060	1
Dyna-Gro	D53TC19	170	.	134	3.0	14.0	24,060	0
Dyna-Gro	D54VC34	170	194	120	3.0	15.0	23,633	0
AgriGold	A647-35-5222	169	.	100	2.0	16.0	23,775	0
Dyna-Gro	D51VC41	167	.	138	2.0	14.6	23,491	1
Pioneer	P1847VYHR	167	180	107	1.0	15.6	24,060	0
LG Seeds	LG66C44VT2PRO	166	.	116	2.0	14.2	24,487	0
Progeny	PGY 8116SS	165	.	104	3.0	14.4	24,202	1
AgriGold	A642-47STX	164	.	114	2.0	14.8	24,060	0
MorCorn	MC 4311	163	.	104	3.0	14.2	23,633	0
Dyna-Gro	D55VC80	163	.	117	2.0	14.7	24,345	0
Local Seed	LC1898 TC	163	179	104	2.0	14.8	23,775	0
Dekalb	DKC 62-70 V2TP	163	.	115	3.0	13.6	24,345	0
MorCorn	MC 3952	163	.	135	2.0	13.7	23,775	0
Croplan	5340 VT2P	161	179	103	1.0	15.0	24,487	0
Dyna-Gro	D53VC33	161	.	116	2.0	13.4	24,060	0
Local Seed	LC1919 VT2P	159	.	102	2.0	16.0	23,348	0
Local Seed	LC1987 VT2P	158	172	104	2.0	15.7	23,775	1
Local Seed	LC1707 VT2P	155	.	109	2.0	16.3	24,202	0
Dyna-Gro	D58VC65	155	175	102	2.0	15.4	24,202	0
Local Seed	LC1307 TC	154	.	104	3.0	13.9	24,202	0
Croplan	5550 VT2P	153	173	99	3.0	14.9	24,345	0
Progeny	PGY 2025VT2PDG	153	.	113	3.0	15.0	23,918	0
Progeny	PGY 2118VT2P	152	.	102	3.0	15.7	23,775	0
Dyna-Gro	D57TC29	152	.	122	1.0	15.2	23,206	1
Dekalb	DKC 65-84 SS	151	.	114	2.0	14.2	24,060	0
Croplan	5678 VT2P	150	169	111	2.0	15.0	23,633	0
LG Seeds	LG5643VT2PRO	150	.	113	1.0	14.1	24,345	0
MorCorn	MC 4255	149	180	112	2.0	14.5	24,487	0
Progeny	PGY 9117VT2P	149	.	121	1.0	14.3	24,772	1
Dyna-Gro	D54VC14	148	170	111	2.0	14.5	23,633	0
MorCorn	MC 4319	147	167	106	2.0	15.0	23,491	0
Progeny	PGY 2015VT2P	145	.	110	2.0	14.1	22,352	0
AgriGold	A6544VT2RIB	145	162	114	2.0	14.2	23,633	0
AgriGold	A647-42TRC	142	.	146	2.0	15.5	24,202	0
Local Seed	LC1506 VT2P	134	.	111	3.0	13.4	23,775	0
NK Brand	NK1661-3120A	134	.	102	2.0	14.4	23,775	1
MorCorn	MC 4670	133	171	102	3.0	14.6	24,345	1
Dyna-Gro	D51VC67	121	.	101	2.0	13.4	22,779	0
Average		159	177	112	2.1	14.7	23,921	0
LSD at 10% Level		14	17	12	-	0.5	NS	NS
Model R-squared		0.64	0.54	0.73	-	0.85	0.40	0.39

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: 24,000 seeds per acre in 36-inch rows.
Soil Type:
Soil Test:
Fertilization:
Previous Crop:
Management:

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

Tifton, Georgia:
Corn Grain Performance, 2021, Irrigated

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants	Grain Quality ¹ rating	Grain Moisture %	Actual Population plants/acre	Lodging %
		2021 ----- bu/acre	2-Yr Avg ----- bu/acre					
Pioneer	P1847VYHR	294	280	101	1.0	17.5	35,307	1
Dyna-Gro	D57VC51	285	.	100	2.0	16.6	35,165	0
AgriGold	A647-42TRC	284	.	101	2.0	16.1	34,026	0
NK Brand	NK1677-3110	284	279	101	2.0	17.1	34,453	0
MorCorn	MC 4725	284	261	100	2.0	16.7	34,595	0
Pioneer	P1870YHR	282	280	101	2.0	16.8	35,592	0
Augusta	1367-3220GTD	281	274	100	3.0	17.2	33,029	2
Dekalb	DKC 68-48 SS	280	.	101	1.0	15.9	35,592	2
Dyna-Gro	D55VC80	278	.	100	1.0	15.7	34,880	0
Local Seed	LC1898 TC	277	270	100	2.0	16.3	34,026	0
MorCorn	MC 4311	274	.	103	3.0	14.4	33,314	0
AgriGold	A6544VT2RIB	273	268	101	3.0	16.2	34,168	1
LG Seeds	LG66C44VT2PRO	271	.	99	2.0	15.8	34,880	0
NK Brand	NK1748-3120A	271	.	99	1.0	16.9	33,456	0
Local Seed	LC1307 TC	270	.	102	1.0	14.8	33,883	1
Dekalb	DKC 68-95 SS	268	.	100	2.0	17.1	34,168	0
Augusta	5065-3110GTD	268	261	99	2.0	16.8	32,744	0
Dekalb	DKC 62-70 V2TP	268	.	101	2.0	15.8	34,310	0
Dyna-Gro	D54VC34	267	267	100	1.0	16.4	35,022	3
Progeny	PGY 8116SS	267	.	99	1.0	15.4	33,029	0
Progeny	PGY 9117VT2P	267	.	100	2.0	15.9	33,883	1
Dyna-Gro	D58VC65	266	261	100	2.0	16.1	33,456	0
LG Seeds	LG5643VT2PRO	266	.	100	2.0	15.7	35,592	0
Local Seed	LC1506 VT2P	265	.	100	1.0	15.4	33,029	0
Local Seed	LC1919 VT2P	265	.	101	3.0	17.1	32,317	1
Dyna-Gro	D53VC33	265	.	105	3.0	14.9	34,310	0
Dyna-Gro	D54VC14	264	263	101	3.0	15.0	33,883	7
MorCorn	MC 4670	264	265	99	2.0	16.0	32,744	0
MorCorn	MC 4161	264	.	105	2.0	15.4	35,165	6
Dyna-Gro	D53TC19	263	.	100	2.0	15.2	32,033	0
Croplan	5550 VT2P	263	266	100	1.0	16.2	34,737	0
Progeny	PGY 2015VT2P	262	.	100	2.0	15.3	32,887	0
Progeny	PGY 2025VT2PDG	261	.	100	2.0	15.8	34,595	1
MorCorn	MC 3952	261	.	100	2.0	14.6	32,460	0
Dekalb	DKC 65-84 SS	260	.	102	2.0	15.5	33,456	0
Croplan	5678 VT2P	260	248	100	2.0	15.8	34,168	0
AgriGold	A647-35-5222	260	.	100	1.0	18.2	35,022	5
Local Seed	LC1987 VT2P	260	252	101	2.0	16.0	34,168	0
Dyna-Gro	D57TC29	258	.	102	3.0	16.4	34,026	2
Local Seed	LC1407 VT2P	255	.	104	2.0	15.2	33,456	0
Local Seed	LC1616 TC	253	.	100	2.0	15.9	33,741	0
MorCorn	MC 4255	251	245	100	2.0	14.7	33,456	3
NK Brand	NK1661-3120A	249	.	100	4.0	16.2	33,741	0
Progeny	PGY 2118VT2P	246	.	100	1.0	16.5	34,168	1
MorCorn	MC 4319	244	245	100	2.0	16.1	33,883	0
Croplan	5340 VT2P	242	255	100	3.0	15.7	32,175	0
AgriGold	A642-47STX	241	.	100	3.0	16.2	33,741	1
Local Seed	LC1707 VT2P	232	.	98	1.0	17.1	34,026	1
Dyna-Gro	D51VC67	231	.	100	2.0	15.0	32,744	1
Dyna-Gro	D51VC41	230	.	100	3.0	14.3	34,026	4
Average		264	263	101	2.0	16.0	33,935	1
LSD at 10% Level		12	12	3	-	0.7	1,611	NS
Model R-squared		0.73	0.41	0.44	-	0.80	0.47	0.34

Tifton, Georgia:
Corn Grain Performance, 2021, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Yield		Ears/ 100 plants	Grain Quality ¹ rating	Grain Moisture %	Actual Population plants/acre	Lodging %
		2021 ----- bu/acre	2-Yr Avg -----					
Group 2 Hybrids²								
Pioneer	P1637R	302	.	100	1.0	17.1	33,029	1
CNI	INTEGRA 6641	297	.	98	2.0	17.6	34,737	0
Dekalb	DKC 70-25	286	.	99	2.0	17.5	34,453	0
NK Brand	NK1677-3110	281	.	100	1.0	17.0	34,737	0
Mixon Seed	AGS HX117GTAV	280	.	99	2.0	18.9	33,599	1
Mixon Seed	AGS 116GTLLAV	279	.	99	1.0	17.6	33,883	1
CNI	INTEGRA 6811	275	.	100	1.0	17.3	33,456	0
Mixon Seed	AGS 117GTLLAGD	270	.	99	2.0	17.7	32,460	0
CNI	INTEGRA 6588	269	.	100	2.0	17.2	34,595	0
CNI	INTEGRA 6410	268	.	99	2.0	16.2	34,168	0
CNI	INTEGRA 9678	267	.	100	2.0	17.2	33,456	0
CNI	INTEGRA 6695	265	.	104	2.0	17.4	33,314	0
CNI	INTEGRA 6720	259	.	100	1.0	15.7	33,883	0
Dekalb	DKC 66-94	258	.	100	2.0	16.5	34,310	0
CNI	INTEGRA 6621	257	.	101	1.0	16.4	33,456	0
Mixon Seed	AGS 108GTLLAG	236	.	100	2.0	15.9	34,026	0
Average		272	-	100	1.6	17.1	33,848	0
LSD at 10% Level		21	-	2	-	0.7	NS	NS
Model R-squared		0.63	-	0.52	-	0.79	0.40	0.36

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

2. Tested separately due to late entries. This does not reflect negatively on their yield potential.

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

Soil Type:

Soil Test:

Fertilization:

Previous Crop:

Management:

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

Plains, Georgia: Corn Grain Performance, 2021, Irrigated

Company or Brand Name	Hybrid Name	Yield		Grain Moisture %	Actual Population plants/acre	Lodging %
		2021 ----- bu/acre	2-Yr Avg ----- bu/acre			
Dyna-Gro	D54VC34	274	256	18.8	.	3
Dekalb	DKC 68-48 SS	274	.	18.6	.	1
Progeny	PGY 9117VT2P	270	.	19.0	.	2
AgriGold	A6544VT2RIB	269	255	18.2	.	1
AgriGold	A647-35-5222	268	.	19.5	.	2
Dyna-Gro	D57TC29	267	.	18.7	.	0
MorCorn	MC 4725	266	253	20.7	.	1
Dyna-Gro	D58VC65	264	244	18.5	.	0
Dyna-Gro	D57VC51	264	.	20.6	.	0
LG Seeds	LG5643VT2PRO	263	.	17.3	.	4
Croplan	5678 VT2P	263	229	19.3	.	2
NK Brand	NK1677-3110	263	257	19.2	.	0
Dyna-Gro	D54VC14	260	249	18.4	.	0
Dekalb	DKC 68-95 SS	260	.	18.6	.	1
Croplan	5550 VT2P	259	255	18.0	.	1
LG Seeds	LG66C44VT2PRO	256	.	19.2	.	0
Local Seed	LC1616 TC	254	.	17.5	.	1
Dyna-Gro	D55VC80	254	.	17.6	.	1
MorCorn	MC 4255	253	236	19.5	.	0
MorCorn	MC 4319	253	239	18.7	.	0
Progeny	PGY 2025VT2PDG	253	.	18.7	.	0
NK Brand	NK1748-3120A	252	.	19.2	.	6
Croplan	5340 VT2P	251	233	18.2	.	1
Dyna-Gro	D53VC33	251	.	18.0	.	0
Pioneer	P1847VYHR	250	254	21.5	.	7
Local Seed	LC1307 TC	250	.	18.4	.	0
Local Seed	LC1987 VT2P	250	238	18.9	.	1
AgriGold	A647-42TRC	250	.	18.7	.	4
Progeny	PGY 8116SS	249	.	18.1	.	0
Dyna-Gro	D53TC19	247	.	17.8	.	1
Local Seed	LC1919 VT2P	247	.	19.5	.	0
MorCorn	MC 4311	245	.	20.2	.	3
Local Seed	LC1898 TC	242	252	19.1	.	0
MorCorn	MC 4161	242	.	17.1	.	0
Dekalb	DKC 62-70 V2TP	242	.	16.7	.	0
Progeny	PGY 2118VT2P	241	.	20.9	.	1
Local Seed	LC1707 VT2P	240	.	19.7	.	1
AgriGold	A642-47STX	238	.	18.8	.	0
Progeny	PGY 2015VT2P	238	.	16.6	.	2
MorCorn	MC 4670	237	239	20.4	.	0
Local Seed	LC1506 VT2P	237	.	16.7	.	2
Pioneer	P1870YHR	235	243	19.5	.	1
NK Brand	NK1661-3120A	232	.	16.9	.	2
MorCorn	MC 3952	232	.	17.6	.	3
Dekalb	DKC 65-84 SS	226	.	18.6	.	0
Dyna-Gro	D51VC41	224	.	17.2	.	1
Dyna-Gro	D51VC67	223	.	16.1	.	0
Local Seed	LC1407 VT2P	216	.	18.1	.	1
Average		250	246	18.6	-	1
LSD at 10% Level		13	13	1.8	-	NS
Model R-squared		0.68	0.41	0.58	-	0.33

Plains, Georgia:
Corn Grain Performance, 2021, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Yield		Grain Moisture %	Actual Population plants/acre	Lodging %
		2021 ----- bu/acre	2-Yr Avg -----			
Group 2 Hybrids¹						
NK Brand	NK1677-3110	262	.	17.4	.	1
Pioneer	P1637R	259	.	18.5	.	5
Dekalb	DKC 70-25	258	.	19.5	.	0
CNI	INTEGRA 6641	255	.	18.8	.	0
Mixon Seed	AGS 117GTLLAGD	255	.	19.8	.	13
Mixon Seed	AGS 116GTLLAV	251	.	18.4	.	2
CNI	INTEGRA 6410	241	.	18.9	.	1
CNI	INTEGRA 6588	234	.	16.9	.	0
CNI	INTEGRA 6695	232	.	17.8	.	10
CNI	INTEGRA 6811	232	.	17.9	.	3
CNI	INTEGRA 9678	231	.	21.3	.	5
Dekalb	DKC 66-94	229	.	17.9	.	2
CNI	INTEGRA 6621	226	.	17.2	.	0
CNI	INTEGRA 6720	222	.	17.0	.	2
Mixon Seed	AGS HX117GTAV	219	.	18.7	.	2
Mixon Seed	AGS 108GTLLAG	193	.	16.2	.	2
Average		237	-	18.3	-	3
LSD at 10% Level		21	-	1.5	-	NS
Model R-squared		0.72	-	0.70	-	0.46

1. Tested separately due to late entries. This does not reflect negatively on their yield potential.

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

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, 2021, Irrigated

Company or Brand Name	Hybrid Name	Yield		Grain Moisture %	Actual	
		2021 ----- bu/acre -----	2-Yr Avg		Population plants/acre	Lodging %
Pioneer	P1870YHR	306	293	16.8	.	.
Croplan	5678 VT2P	304	249	15.3	.	.
Progeny	PGY 9117VT2P	303	.	15.4	.	.
AgriGold	A6544VT2RIB	301	297	15.2	.	.
Pioneer	P1847VYHR	299	303	16.1	.	.
NK Brand	NK1677-3110	296	299	15.0	.	.
LG Seeds	LG5643VT2PRO	295	.	14.6	.	.
Dekalb	DKC 68-48 SS	291	.	15.0	.	.
Local Seed	LC1919 VT2P	291	.	16.7	.	.
Dyna-Gro	D54VC34	290	270	15.4	.	.
Dyna-Gro	D55VC80	289	.	15.5	.	.
AgriGold	A647-42TRC	289	.	15.2	.	.
MorCorn	MC 4725	289	291	15.5	.	.
Dyna-Gro	D53VC33	287	.	14.1	.	.
MorCorn	MC 4311	287	.	14.1	.	.
Dyna-Gro	D57VC51	286	.	16.4	.	.
MorCorn	MC 3952	284	.	13.8	.	.
Dyna-Gro	D57TC29	284	.	15.2	.	.
Dyna-Gro	D58VC65	284	277	15.2	.	.
Local Seed	LC1987 VT2P	283	255	15.3	.	.
MorCorn	MC 4161	282	.	14.3	.	.
Progeny	PGY 2025VT2PDG	281	.	14.9	.	.
NK Brand	NK1748-3120A	280	.	16.8	.	.
LG Seeds	LG66C44VT2PRO	279	.	15.7	.	.
MorCorn	MC 4670	277	279	15.8	.	.
Dyna-Gro	D54VC14	277	263	14.9	.	.
Croplan	5550 VT2P	277	294	15.4	.	.
Local Seed	LC1307 TC	276	.	14.1	.	.
Dekalb	DKC 68-95 SS	276	.	15.5	.	.
Croplan	5340 VT2P	274	269	14.7	.	.
Local Seed	LC1898 TC	273	271	15.4	.	.
MorCorn	MC 4319	273	262	15.3	.	.
AgriGold	A647-35-5222	271	.	17.3	.	.
Dekalb	DKC 65-84 SS	269	.	15.5	.	.
Dyna-Gro	D51VC41	269	.	14.0	.	.
NK Brand	NK1661-3120A	265	.	14.9	.	.
Dekalb	DKC 62-70 V2TP	265	.	15.4	.	.
Progeny	PGY 2118VT2P	264	.	17.0	.	.
Progeny	PGY 8116SS	264	.	15.0	.	.
MorCorn	MC 4255	262	258	14.3	.	.
Local Seed	LC1707 VT2P	258	.	17.1	.	.
Progeny	PGY 2015VT2P	255	.	14.2	.	.
Dyna-Gro	D53TC19	254	.	15.0	.	.
AgriGold	A642-47STX	254	.	15.9	.	.
Local Seed	LC1407 VT2P	252	.	14.0	.	.
Dyna-Gro	D51VC67	252	.	14.0	.	.
Local Seed	LC1616 TC	250	.	15.5	.	.
Local Seed	LC1506 VT2P	232	.	14.3	.	.
Average		277	277	15.2	-	-
LSD at 10% Level		15	17	0.7	-	-
Model R-squared		0.69	0.49	0.84	-	-

Midville, Georgia:
Corn Grain Performance, 2021, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Yield		Grain Moisture %	Actual Population plants/acre	Lodging %
		2021 ----- bu/acre	2-Yr Avg -----			
Group 2 Hybrids¹						
Pioneer	P1637R	307	.	16.1	.	.
Dekalb	DKC 70-25	297	.	16.2	.	.
NK Brand	NK1677-3110	296	.	15.3	.	.
Mixon Seed	AGS HX117GTAV	296	.	17.2	.	.
CNI	INTEGRA 6641	294	.	15.1	.	.
Mixon Seed	AGS 116GTLLAV	283	.	16.7	.	.
Mixon Seed	AGS 117GTLLAGD	281	.	15.9	.	.
CNI	INTEGRA 6588	269	.	15.9	.	.
CNI	INTEGRA 6410	265	.	15.1	.	.
CNI	INTEGRA 9678	262	.	16.0	.	.
CNI	INTEGRA 6720	260	.	14.9	.	.
CNI	INTEGRA 6695	259	.	15.7	.	.
CNI	INTEGRA 6811	259	.	16.3	.	.
CNI	INTEGRA 6621	256	.	15.4	.	.
Dekalb	DKC 66-94	248	.	15.3	.	.
Mixon Seed	AGS 108GTLLAG	229	.	15.7	.	.
Average		273	-	15.8	-	-
LSD at 10% Level		16	-	0.7	-	-
Model R-squared		0.84	-	0.72	-	-

1. Tested separately due to late entries. This does not reflect negatively on their yield potential.

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

Soil Type:

Soil Test:

Fertilization:

Previous Crop:

Management:

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

Athens, Georgia: Corn Grain Performance, 2021, Irrigated

Company or Brand Name	Hybrid Name	Yield		Grain	Actual	
		2021 ----- bu/acre -----	2-Yr Avg	Moisture %	Population plants/acre	Lodging %
Augusta	1367-3220GTD	301	286	16.7	.	.
Augusta	5065-3110GTD	285	278	20.8	.	.
AgriGold	A642-47STX	266	266	16.9	.	.
AgriGold	A647-35-5222	292	.	20.5	.	.
AgriGold	A647-42TRC	283	.	19.6	.	.
AgriGold	A6544VT2RIB	231	248	17.0	.	.
Dekalb	DKC 62-70 V2TP	261	.	17.4	.	.
Dekalb	DKC 65-84 SS	308	.	18.3	.	.
Dekalb	DKC 68-48 SS	245	.	18.1	.	.
Dekalb	DKC 68-95 SS	210	.	19.7	.	.
NK Brand	NK1677-3110	301	.	17.6	.	.
Pioneer	P1870YHR	311	293	17.4	.	.
Progeny	PGY 2015VT2P	255	.	17.3	.	.
Progeny	PGY 2025VT2PDG	346	.	18.2	.	.
Progeny	PGY 2118VT2P	321	.	18.2	.	.
Progeny	PGY 8116SS	265	.	18.0	.	.
Progeny	PGY 9114VT2P	279	.	19.2	.	.
Progeny	PGY 9117VT2P	305	.	19.0	.	.
Average		281	275	18.3	-	-
LSD at 10% Level		NS	NS	0.8	-	-
Model R-squared		0.36	0.16	0.82	-	-

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:

Previous Crop:

Soil Test:

Fertilization:

Management:

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

Rome, Georgia: Corn Grain Performance, 2021, Dryland

Company or Brand Name	Hybrid Name	Yield		Grain	Actual	
		2021 ----- bu/acre -----	2-Yr Avg -----	Moisture %	Population plants/acre	Lodging %
Augusta	1367-3220GTD	298	197	18.6	.	.
Progeny	PGY 9117VT2P	293	.	17.6	.	.
Progeny	PGY 9114VT2P	268	.	17.5	.	.
Dekalb	DKC 62-70 V2TP	261	.	17.2	.	.
Progeny	PGY 8116SS	256	.	18.8	.	.
AgriGold	A647-42TRC	255	.	18.9	.	.
Progeny	PGY 2118VT2P	250	.	16.7	.	.
Progeny	PGY 2025VT2PDG	241	.	18.7	.	.
AgriGold	A6544VT2RIB	241	167	17.5	.	.
AgriGold	A647-35-5222	236	.	19.6	.	.
Dekalb	DKC 68-48 SS	227	.	18.1	.	.
Pioneer	P1870YHR	224	179	17.7	.	.
Dekalb	DKC 68-95 SS	222	.	17.8	.	.
Progeny	PGY 2015VT2P	215	.	20.0	.	.
Augusta	5065-3110GTD	211	153	20.0	.	.
Dekalb	DKC 65-84 SS	203	.	18.2	.	.
NK Brand	NK1677-3110	192	.	17.9	.	.
AgriGold	A642-47STX	179	133	18.3	.	.
Average		237	166	18.3	-	-
LSD at 10% Level		NS	32	0.4	-	-
Model R-squared		0.61	0.80	0.91	-	-

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:

Previous Crop:

Soil Test:

Fertilization:

Management:

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

Rome, Georgia: Corn Grain Performance, 2021, Irrigated

Company or Brand Name	Hybrid Name	Yield		Grain	Actual	
		2021 ----- bu/acre -----	2-Yr Avg -----	Moisture %	Population plants/acre	Lodging %
Progeny	PGY 2025VT2PDG	342	.	16.3	.	.
Progeny	PGY 2118VT2P	323	.	16.3	.	.
Progeny	PGY 9117VT2P	321	.	16.4	.	.
AgriGold	A6544VT2RIB	320	265	16.9	.	.
AgriGold	A647-42TRC	315	.	17.0	.	.
Dekalb	DKC 68-48 SS	309	.	16.4	.	.
Augusta	5065-3110GTD	297	235	17.1	.	.
Progeny	PGY 2015VT2P	294	.	16.3	.	.
AgriGold	A642-47STX	282	228	16.8	.	.
Augusta	1367-3220GTD	271	224	17.0	.	.
Progeny	PGY 8116SS	269	.	16.7	.	.
Dekalb	DKC 62-70 V2TP	263	.	16.7	.	.
Dekalb	DKC 65-84 SS	262	.	16.1	.	.
Pioneer	P1870YHR	261	219	16.5	.	.
AgriGold	A647-35-5222	233	.	16.5	.	.
NK Brand	NK1677-3110	232	.	16.2	.	.
Dekalb	DKC 68-95 SS	231	.	17.1	.	.
Progeny	PGY 9114VT2P	221	.	16.4	.	.
Average		280	233	16.6	-	-
LSD at 10% Level		60	NS	0.6	-	-
Model R-squared		0.42	0.66	0.46	-	-

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:

Previous Crop:

Soil Test:

Fertilization:

Management:

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

Blairsville, Georgia: Corn Grain Performance, 2021, Dryland

Company or Brand Name	Hybrid Name	Yield		Grain	Actual	
		2021 ----- bu/acre -----	2-Yr Avg -----	Moisture %	Population plants/acre	Lodging %
Augusta	5065-3110GTD	371	.	17.9	.	.
NK Brand	NK1677-3110	365	.	17.4	.	.
Progeny	PGY 9117VT2P	360	.	16.7	.	.
AgriGold	A647-35-5222	343	.	19.3	.	.
Dekalb	DKC 68-95 SS	339	.	18.0	.	.
Augusta	1367-3220GTD	338	.	18.4	.	.
Progeny	PGY 2118VT2P	336	.	18.4	.	.
Dekalb	DKC 65-84 SS	335	.	17.2	.	.
Dekalb	DKC 62-70 V2TP	329	.	16.9	.	.
Dekalb	DKC 68-48 SS	327	.	17.1	.	.
Progeny	PGY 9114VT2P	324	.	16.4	.	.
AgriGold	A6544VT2RIB	323	.	16.1	.	.
Pioneer	P1870YHR	316	.	18.1	.	.
Progeny	PGY 2025VT2PDG	314	.	17.0	.	.
Progeny	PGY 8116SS	311	.	17.0	.	.
AgriGold	A642-47STX	310	.	17.4	.	.
AgriGold	A647-42TRC	298	.	18.6	.	.
Progeny	PGY 2015VT2P	283	.	16.7	.	.
Average		330	-	17.5	-	-
LSD at 10% Level		29	-	0.7	-	-
Model R-squared		0.54	-	0.75	-	-

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:

Previous Crop:

Soil Test:

Fertilization:

Management:

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

Tifton, Georgia: Evaluation of Corn Hybrids for Silage, 2021, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter %	Grain Portion %	Plant Pop. no.
		Dry tons/acre	Green ¹			
NK Brand	NK1677-3110	12.25	35.00	64.3	43.5	34,164
Phoenix	7402	11.97	34.19	63.1	48.1	34,449
Croplan	5900VT2P	11.75	33.58	62.5	48.2	32,741
Dyna-Gro	D58VC65	11.75	33.56	54.4	54.4	33,025
NK Brand	NK1748-3120A	11.73	33.50	62.9	50.0	33,310
AgriGold	A647-35-5222	11.72	33.49	61.8	52.1	33,879
Dyna-Gro	D53TC19	11.70	33.43	58.4	57.6	31,602
Dyna-Gro	D55QC73	11.68	33.38	63.4	50.1	32,741
DEKALB	DKC 70-64 SS	11.67	33.36	66.3	43.4	32,171
Pioneer	P1903YHR	11.65	33.29	65.2	54.3	33,025
DEKALB	DKC 68-69 VT2P	11.55	32.99	60.3	52.1	33,879
Dyna-Gro	D57TC29	11.54	32.97	60.9	50.0	34,449
Croplan	5678 VT2P	11.44	32.68	58.4	48.0	33,310
AgriGold	A645-80-3110	11.20	32.01	61.9	52.0	31,886
Dyna-Gro	D58QC72	11.16	31.88	62.8	51.4	32,741
Phoenix	6542	11.08	31.66	61.2	54.5	34,449
LG Seeds	LG62C28-3220	11.06	31.59	58.5	53.5	31,886
AgriGold	A6659VT2RIB	11.05	31.57	61.0	54.1	33,310
Dyna-Gro	D55VC80	11.04	31.56	58.2	51.5	34,733
Progeny	PGY 2118VT2P	11.04	31.56	59.0	51.8	34,164
Local Seed	LC1506 VT2P	10.89	31.10	61.7	53.7	34,164
MorCorn	MC 4161	10.83	30.94	61.1	53.1	34,164
Progeny	PGY 9117VT2P	10.83	30.95	60.3	54.2	33,595
Progeny	PGY 8116SS	10.80	30.86	58.7	53.3	33,025
Pioneer	P1847VYHR	10.76	30.73	65.5	51.8	33,310
MorCorn	MC 4311	10.62	30.35	59.7	53.1	34,449
Local Seed	LC1688 SSX	10.60	30.28	62.5	50.7	33,595
Pioneer	P1870YHR	10.59	30.27	63.6	55.8	33,025
LG Seeds	LG5643VT2PRO	10.55	30.13	57.0	60.1	34,164
Local Seed	LC1616 TC	10.44	29.82	61.4	54.5	32,171
MorCorn	MC 4319	10.42	29.77	61.3	52.0	33,025
MorCorn	MC 4670	10.36	29.59	61.2	49.6	31,886
Local Seed	LC1919 VT2P	10.33	29.53	63.7	53.5	33,879
NK Brand	NK1661-3120A	10.29	29.41	58.6	52.1	33,310
LG Seeds	LG66C44VT2PRO	10.22	29.19	59.7	49.6	34,449
DEKALB	DKC 69-99 TRE	10.17	29.05	59.3	52.0	33,310
Local Seed	LC1707 VT2P	10.06	28.73	62.3	49.1	34,449
DEKALB	DKC 67-66 SS	9.99	28.54	63.4	47.4	32,741
Average		11.05	31.58	61.3	51.7	33,367
LSD at 10% Level		1.04	2.98	0.8	4.2	NS
Model R-squared		0.51	0.51	0.96	0.75	0.40

1. Green yields are standardized to 35% dry matter.

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

Planted:

Harvested:

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

Soil Type: Tifton loamy sand.

Soil Test:

Fertilization:

Previous Crop:

Management:

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

SORGHUM FOR SILAGE

Statewide Yield Summary: Sorghum Silage Performance, Georgia, 2021

Company or Brand Name	Hybrid or Variety Name	Tifton		Griffin		Statewide	
		2021	2-Yr Avg	2021	2-Yr Avg	2021	2-Yr Avg
----- dry tons/acre -----							
ADVANTA	ADV XF450	6.59	.	7.90	.	7.25	.
ADVANTA	ADV XS005	7.48	.	8.70	.	8.09	.
ALTA SEEDS	ADV F7424	6.31	.	6.26	.	6.28	.
ALTA SEEDS	ADV F8322	7.19	5.17	7.50	6.18	7.35	5.68
ALTA SEEDS	ADV S6404	6.37	.	5.55	.	5.96	.
ALTA SEEDS	ADV S6504	7.54	.	8.33	.	7.94	.
ALTA SEEDS	ADV S6520	7.62	.	10.07	.	8.85	.
ALTA SEEDS	AF7401	5.44	.	6.50	.	5.97	.
Coffey Forage Seeds	2551	3.38	.	4.54	.	3.96	.
Coffey Forage Seeds	Endurance	4.15	3.41	4.52	3.82	4.34	3.61
Dyna-Gro Seed	D58VC65	7.96	.	7.31	.	7.64	.
Dyna-Gro Seed	F72FS05	6.29	.	8.05	.	7.17	.
Dyna-Gro Seed	F74FS23BMR	6.17	4.5	5.48	4.75	5.82	4.63
Dyna-Gro Seed	M72GB71	3.97	.	5.84	.	4.91	.
Dyna-Gro Seed	Super Sile 20	7.47	5.76	6.49	6.62	8.18	6.19
Dyna-Gro Seed	Super Sile 30	4.11	5.43	4.14	6.06	6.98	5.74
Dyna-Gro Seed	TopTon	10.24	6.57	7.85	7.01	9.04	6.79
MOJO Seed	OPAL	5.67	4.28	5.73	5.25	5.7	4.76
MOJO Seed	PEARL	6.45	.	6.50	.	6.48	.
NK Brand	NK1677-3110	7.39	.	9.68	.	8.54	.
NK Brand	NK1748-3110	6.30	.	8.07	.	7.19	.
Pioneer	845F	5.26	.	4.67	.	4.97	.
Pioneer	P1870YHR	6.33	.	8.13	.	7.23	.
Sorghum Partners	NK300	5.76	4.73	6.43	5.54	6.1	5.14
Sorghum Partners	SP3904 BD BMR	6.15	4.46	7.28	6.60	6.72	5.53
Sorghum Partners	SS304	10.48	.	9.27	.	9.87	.
Sorghum Partners	SWFS8802	8.69	.	7.67	.	4.12	.
Average		6.46	4.92	6.94	5.76	6.7	5.34
LSD at 10% Level		0.97	1.11	1.27	0.84	0.95	0.69
Model R-squared		0.90	0.81	0.81	0.72	0.74	0.77

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry. Griffin 2-Yr Avg consists of Griffin 2021 and Athens 2020.

Note: Table above includes checks consisting of corn hybrids and grain sorghum. See location tables for details.

Tifton, Georgia: Sorghum Silage Performance, 2021, Dryland

Company or Brand Name	Hybrid or Variety Name	Harvested Yield			Growth Stage	Plant Height in	Lodging %
		Dry ----- tons/acre -----	Green ¹ ----- % -----	Moisture			
Sorghum Partners	SS304	10.48	29.93	72	soft dough	144	20
Dyna-Gro Seed	TopTon	10.24	29.27	72	milk stage	146	75
Dyna-Gro Seed	Super Sile 20	8.69	24.83	70	soft dough	145	7
Dyna-Gro Seed	D58VC65	7.96	22.77	54	(corn)	69	0
ALTA SEEDS	ADV S6520	7.62	21.80	75	soft dough	131	33
ALTA SEEDS	ADV S6504	7.54	21.53	74	soft dough	132	40
ADVANTA	ADV XS005	7.48	21.33	73	flowering	123	27
Dyna-Gro Seed	Super Sile 30	7.47	21.33	69	soft dough	125	32
NK Brand	NK1677-3110	7.39	21.13	51	(corn)	75	0
ALTA SEEDS	ADV F8322	7.19	20.53	71	soft dough	101	0
ADVANTA	ADV XF450	6.59	18.83	70	milk stage	85	0
MOJO Seed	PEARL	6.45	18.40	66	soft dough	101	13
ALTA SEEDS	ADV S6404	6.37	18.23	68	hard dough	139	58
Pioneer	P1870YHR	6.33	18.10	53	(corn)	73	0
ALTA SEEDS	ADV F7424	6.31	18.03	72	soft dough	89	2
NK Brand	NK1748-3110	6.30	18.00	51	(corn)	72	0
Dyna-Gro Seed	F72FS05	6.29	17.97	68	soft dough	96	2
Dyna-Gro Seed	F74FS23BMR	6.17	17.60	68	soft dough	112	88
Sorghum Partners	SP3904 BD BMR	6.15	17.57	69	soft dough	79	0
Sorghum Partners	NK300	5.76	16.50	67	soft dough	87	2
MOJO Seed	OPAL	5.67	16.20	71	soft dough	103	2
ALTA SEEDS	AF7401	5.44	15.53	72	soft dough	80	0
Pioneer	845F	5.26	15.03	63	soft dough	85	7
Coffey Forage Seeds	Endurance	4.15	11.87	67	hard dough	101	5
Sorghum Partners	SWFS8802	4.11	11.73	59	hard dough	77	7
Dyna-Gro Seed	M72GB71	3.97	11.33	63	hard dough	61	0
Coffey Forage Seeds	2551	3.38	9.67	66	hard dough	71	1
Average		6.46	18.44	66	-	99	15
LSD at 10% Level		0.97	2.76	1	-	5	-
Model R-squared		0.90	0.90	0.99	-	0.99	0.88

1. Green yields are standardized to 65% moisture.

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

Planted: April 14, 2021.

Harvested: August 9, 2021.

Seeding Rate: 80,000 (sorghum) or 24,000 (corn) seeds per acre in 36-inch rows.

Soil Type: Tifton loamy sand.

Soil Test:

Fertilization:

Previous Crop:

Management: Conventional tillage. Atrazine and Dual Magnum used for weed control.

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

Griffin, Georgia: Sorghum Silage Performance, 2021, Dryland

Company or Brand Name	Hybrid or Variety Name	Soft-dough Harvest Yield			Boot			Lodging	Note
		Dry ----- tons/acre -----	Green ¹ %	Moisture %	Stage date	Height in	date		
ALTA SEEDS	ADV S6520	10.07	28.80	74	9-23	8-08	120	0	
NK Brand	NK1677-3110	9.68	27.67	65	9-15	-	113	0	corn
Sorghum Partners	SS304	9.27	26.47	74	9-23	8-17	127	22	
ADVANTA	ADV XS005	8.70	24.83	77	9-23	-	142	0	PPS ² sorghum
ALTA SEEDS	ADV S6504	8.33	23.80	78	9-23	8-04	122	8	
Pioneer	P1870YHR	8.13	23.27	65	9-15	-	109	0	corn
NK Brand	NK1748-3110	8.07	23.07	66	9-15	-	111	0	corn
Dyna-Gro Seed	F72FS05	8.05	22.97	72	9-23	8-13	96	0	
ADVANTA	ADV XF450	7.90	22.57	72	9-23	8-23	78	0	
Dyna-Gro Seed	TopTon	7.85	22.43	81	9-02	8-27	128	50	
Dyna-Gro Seed	Super Sile 20	7.67	21.90	74	9-23	8-23	123	0	
ALTA SEEDS	ADV F8322	7.50	21.43	73	9-23	8-23	93	0	
Dyna-Gro Seed	D58VC65	7.31	20.87	66	9-15	-	106	0	corn
Sorghum Partners	SP3904 BD	7.28	20.77	74	9-20	8-19	76	0	
ALTA SEEDS	AF7401	6.50	18.57	75	9-23	8-21	76	0	
MOJO Seed	PEARL	6.50	18.57	78	8-30	8-10	84	0	
Dyna-Gro Seed	Super Sile 30	6.49	18.57	75	9-23	8-19	105	3	
Sorghum Partners	NK300	6.43	18.40	74	9-23	8-21	79	0	
ALTA SEEDS	ADV F7424	6.26	17.87	75	9-23	8-24	85	2	
Dyna-Gro Seed	M72GB71	5.84	16.70	78	8-25	8-04	58	0	grain sorghum
MOJO Seed	OPAL	5.73	16.37	75	9-23	8-16	79	0	
ALTA SEEDS	ADV S6404	5.55	15.87	78	8-26	8-07	128	0	
Dyna-Gro Seed	F74FS23BMR	5.48	15.63	82	8-25	8-16	108	57	
Pioneer	845F	4.67	13.33	77	8-25	8-02	73	0	
Coffey Forage Seeds	2551	4.54	12.93	73	8-25	8-02	58	0	
Coffey Forage Seeds	Endurance	4.52	12.90	77	8-25	8-02	81	0	
Sorghum Partners	SWFS8802	4.14	11.80	78	8-26	8-03	70	0	
Average		6.94	19.82	74	9-11	8-13	94	5	
LSD at 10% Level		1.27	3.63	2	-	5	8	-	
Model R-squared		0.81	0.81	0.96	-	0.89	0.96	0.66	

1. Green yields are standardized to 65% moisture.

2. Photoperiod sensitive (PPS) variety. Longer nights required for flowering, keeps growth vegetative in summer.

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

Planted:

Harvested:

Varies by hybrid.

Seeding Rate:

80,000 (sorghum) or 24,000 (corn) seeds per acre in 30-inch rows.

Soil Type:

Soil Test:

Fertilization:

Previous Crop:

Management:

Test conducted by G. Ware, B. Weldy, S. Brannon, and H. Jackson.

Note: All plots of a variety were harvested when that variety was considered to have reached soft dough stage.

ADV XS005 is PPS, and was allowed to grow until the last non-PSS varieties were harvested.

TopTon and F74FS23BMR were harvested prior to soft dough due to lodging.

Sugarcane aphids were nearly absent from the test, and had no noticeable impact on yields.

No insecticide applications were made.