

Georgia

2022 Corn, Sorghum Grain and Silage, and Summer Annual Forages Performance Tests

Currently Includes:
Corn grain except Blairsville
Corn and Sorghum silage yields and quality, Griffin and Tifton
Sorghum grain yields except late-planted Tifton test

November 7, 2022

Missing tests described above, summer forages, and summary tables will be added as they become available.

Statewide Yield Summary: Corn Grain Performance, Georgia, 2022

Company or Brand Name	Hybrid Name	RM	Bt-trait	Tifton	Midville	Plains	Griffin	Blairsville
				Irrigated				Dryland
----- bu/acre -----								
AgraTech	1777GT	114	No	251	261	194	221	.
AgraTech	69RR	114	No	212	232	206	262	.
AgraTech	808VT2P	115	Yes	228	232	215	268	.
AgraTech	888VT2P	119	Yes	234	241	183	239	.
AgriGold	A643-52 VT2Pro	113	Yes	246	250	216	219	.
AgriGold	A647-79 VT2Pro	117	Yes	239	228	200	234	.
AgriGold	A6659 RR	116	No	238	254	171	220	.
Augusta	A1367-3220GT		Yes	240	255	180	256	.
Augusta	A9967-3000GT		Yes	228	256	189	262	.
BH Genetics	BH 8412RR	114	No	232	251	198	269	.
BH Genetics	BH 8412VT2P	114	Yes	231	246	172	265	.
BH Genetics	BH 8660RR	116	No	212	230	186	224	.
BH Genetics	BH 8721VT2P	117	Yes	230	278	198	275	.
BH Genetics	BH 8820VT2P	118	Yes	233	225	187	264	.
DEKALB	DKC68-35 VT2P	118	Yes	243	264	219	304	.
DEKALB	DKC68-48 SS	118	Yes	245	272	199	260	.
DEKALB	DKC68-69 VT2P	118	Yes	247	260	197	255	.
DEKALB	DKC68-95 SS	118	Yes	232	248	178	259	.
Dyna-Gro	D57VC53	117	Yes	224	228	177	243	.
Dyna-Gro	D58VC65	118	Yes	245	245	195	280	.
Gateway Seed	1719	119	Yes	241	254	188	235	.
Gateway Seed	2716	116	Yes	232	244	172	253	.
Gateway Seed	9714	114	Yes	226	232	185	261	.
Inn victis	A1257VT2P RIB		Yes	213	226	169	225	.
Inn victis	A1548DGV2P		Yes	221	231	214	247	.
Inn victis	MEX1791VT2P		Yes	220	246	185	262	.
INTEGRA	6342	113	Yes	225	232	207	238	.
INTEGRA	6410	114	Yes	216	268	195	249	.
INTEGRA	6493	114	Yes	237	239	205	266	.
INTEGRA	6533	115	No	210	245	170	216	.
INTEGRA	6588	115	Yes	219	228	173	175	.
INTEGRA	6641	116	Yes	228	263	201	272	.
INTEGRA	6720	117	Yes	214	233	179	243	.
INTEGRA	6811	118	Yes	210	229	185	218	.
INTEGRA	CX001117	117	Yes	243	270	215	287	.
MorCorn	MC 4161	111	Yes	256	241	193	241	.
MorCorn	MC 4311	113	Yes	216	241	192	262	.
MorCorn	MC 4527	115	Yes	227	254	191	252	.
MorCorn	MC 4725	117	Yes	249	264	194	267	.
Pioneer	P1289YHR	112	Yes	241	251	187	190	.
Pioneer	P2042VYHR	120	Yes	239	220	166	228	.
Progeny	PGY 2118 VT2P	118	Yes	218	233	181	262	.
Progeny	PGY 2215 TRE	115	Yes	215	243	215	221	.
Progeny	PGY 2216 VT2P	116	Yes	248	272	172	231	.
Progeny	PGY 8116 SS	116	Yes	218	234	192	226	.
Progeny	PGY 9114 VT2P	114	Yes	228	223	194	252	.
Progeny	PGY 9117 VT2P	117	Yes	245	262	191	250	.

Statewide Yield Summary: Corn Grain Performance, Georgia, 2022 (Continued)

Company or Brand Name	Hybrid Name	RM	Bt-trait	Tifton	Midville	Plains	Griffin	Blairsville
				Irrigated				Dryland
----- bu/acre -----								
Revere Seed	Revere 1307 TC	113	Yes	221	237	181	251	.
Revere Seed	Revere 1525 V	115	Yes	211	222	204	252	.
Revere Seed	Revere 1577 VT2P	115	Yes	246	246	192	268	.
Revere Seed	Revere 1627 TC	116	Yes	240	234	207	246	.
Revere Seed	Revere 1707 VT2P	117	Yes	218	232	177	260	.
Revere Seed	Revere 1898 TC	118	Yes	226	244	212	257	.
Revere Seed	Revere 1919 VT2P	118	Yes	243	253	193	243	.
Stine	9808E-20	115	No	192	198	175	223	.
Stine	9752-32	112	Yes	207	210	184	237	.
Stine	9814-20	118	Yes	230	250	192	234	.
Stine	9816-20		No	229	253	149	253	.
Stine	9817-30		Yes	195	227	189	237	.
Grand Mean				229	243	190	247	.
LSD				16	14	15	22	.
Model R-squared				0.75	0.79	0.77	0.75	.

Results for Blairsville will be added following harvest in November.

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, 2022, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
MorCorn	MC 4161	111	256	15.7	.	.	.
AgraTech	1777GT	114	251	17.1	.	.	.
MorCorn	MC 4725	117	249	17.1	.	.	.
Progeny	PGY 2216 VT2P	116	248	17.8	.	.	.
DEKALB	DKC68-69 VT2P	118	247	17.5	.	.	.
AgriGold	A643-52 VT2Pro	113	246	17.7	.	.	.
Revere Seed	Revere 1577 VT2P	115	246	16.3	.	.	.
DEKALB	DKC68-48 SS	118	245	17.0	.	.	.
Dyna-Gro	D58VC65	118	245	16.5	.	.	.
Progeny	PGY 9117 VT2P	117	245	17.4	.	.	.
INTEGRA	CX001117	117	243	16.9	.	.	.
Revere Seed	Revere 1919 VT2P	118	243	17.6	.	.	.
DEKALB	DKC68-35 VT2P	118	243	16.7	.	.	.
Gateway Seed	1719	119	241	17.7	.	.	.
Pioneer	P1289YHR	112	241	16.4	.	.	.
Revere Seed	Revere 1627 TC	116	240	17.0	.	.	.
Augusta	A1367-3220GT		240	17.4	.	.	.
AgriGold	A647-79 VT2Pro	117	239	16.9	.	.	.
Pioneer	P2042VYHR	120	239	17.9	.	.	.
AgriGold	A6659 RR	116	238	16.8	.	.	.
INTEGRA	6493	114	237	16.4	.	.	.
AgraTech	888VT2P	119	234	17.7	.	.	.
BH Genetics	BH 8820VT2P	118	233	17.1	.	.	.
Gateway Seed	2716	116	232	16.4	.	.	.
BH Genetics	BH 8412RR	114	232	16.3	.	.	.
DEKALB	DKC68-95 SS	118	232	17.5	.	.	.
BH Genetics	BH 8412VT2P	114	231	16.3	.	.	.
Stine	9814-20	118	230	17.2	.	.	.
BH Genetics	BH 8721VT2P	117	230	17.2	.	.	.
Stine	9816-20		229	17.5	.	.	.
INTEGRA	6641	116	228	16.9	.	.	.
Progeny	PGY 9114 VT2P	114	228	16.1	.	.	.
AgraTech	808VT2P	115	228	16.6	.	.	.
Augusta	A9967-3000GT		228	16.8	.	.	.
MorCorn	MC 4527	115	227	15.9	.	.	.
Gateway Seed	9714	114	226	15.8	.	.	.
Revere Seed	Revere 1898 TC	118	226	16.5	.	.	.
INTEGRA	6342	113	225	15.7	.	.	.
Dyna-Gro	D57VC53	117	224	18.4	.	.	.
Revere Seed	Revere 1307 TC	113	221	15.7	.	.	.
Innvictis	A1548DGV2P		221	16.4	.	.	.
Innvictis	MEX1791VT2P		220	18.2	.	.	.
INTEGRA	6588	115	219	17.0	.	.	.
Progeny	PGY 8116 SS	116	218	15.8	.	.	.
Progeny	PGY 2118 VT2P	118	218	17.9	.	.	.
Revere Seed	Revere 1707 VT2P	117	218	17.6	.	.	.
MorCorn	MC 4311	113	216	15.6	.	.	.
INTEGRA	6410	114	216	16.4	.	.	.
Progeny	PGY 2215 TRE	115	215	16.5	.	.	.
INTEGRA	6720	117	214	16.5	.	.	.
Innvictis	A1257VT2P RIB		213	16.1	.	.	.
AgraTech	69RR	114	212	16.6	.	.	.
BH Genetics	BH 8660RR	116	212	17.4	.	.	.
Revere Seed	Revere 1525 V	115	211	16.4	.	.	.
INTEGRA	6533	115	210	16.7	.	.	.

Tifton, Georgia:
Corn Grain Performance, 2022, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
INTEGRA	6811	118	210	17.4	.	.	.
Stine	9752-32	112	207	15.8	.	.	.
Stine	9817-30		195	16.3	.	.	.
Stine	9808E-20	115	192	17.2	.	.	.
Average			229	16.8	-	-	-
LSD at 10% Level			16	0.5	-	-	-
Model R-squared			0.75	0.84	-	-	-

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

Planted: April 11, 2022.

Harvested: September 1, 2022.

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.

Midville, Georgia: Corn Grain Performance, 2022, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
BH Genetics	BH 8721VT2P	117	278	20.2	.	.	.
DEKALB	DKC68-48 SS	118	272	19.6	.	.	.
Progeny	PGY 2216 VT2P	116	272	20.5	.	.	.
INTEGRA	CX001117	117	270	19.3	.	.	.
INTEGRA	6410	114	268	20.1	.	.	.
MorCorn	MC 4725	117	264	20.0	.	.	.
DEKALB	DKC68-35 VT2P	118	264	20.4	.	.	.
INTEGRA	6641	116	263	18.6	.	.	.
Progeny	PGY 9117 VT2P	117	262	20.3	.	.	.
AgraTech	1777GT	114	261	18.8	.	.	.
DEKALB	DKC68-69 VT2P	118	260	21.1	.	.	.
Augusta	A9967-3000GT		256	19.4	.	.	.
Augusta	A1367-3220GT		255	21.0	.	.	.
Gateway Seed	1719	119	254	20.8	.	.	.
AgriGold	A6659 RR	116	254	19.1	.	.	.
MorCorn	MC 4527	115	254	19.3	.	.	.
Stine	9816-20		253	20.2	.	.	.
Revere Seed	Revere 1919 VT2P	118	253	19.8	.	.	.
BH Genetics	BH 8412RR	114	251	20.0	.	.	.
Pioneer	P1289YHR	112	251	18.8	.	.	.
AgriGold	A643-52 VT2Pro	113	250	20.1	.	.	.
Stine	9814-20	118	250	19.4	.	.	.
DEKALB	DKC68-95 SS	118	248	19.3	.	.	.
Innvictis	MEX1791VT2P		246	20.3	.	.	.
Revere Seed	Revere 1577 VT2P	115	246	18.1	.	.	.
BH Genetics	BH 8412VT2P	114	246	18.1	.	.	.
Dyna-Gro	D58VC65	118	245	19.6	.	.	.
INTEGRA	6533	115	245	19.3	.	.	.
Gateway Seed	2716	116	244	19.5	.	.	.
Revere Seed	Revere 1898 TC	118	244	18.7	.	.	.
Progeny	PGY 2215 TRE	115	243	18.6	.	.	.
MorCorn	MC 4161	111	241	17.7	.	.	.
AgraTech	888VT2P	119	241	19.6	.	.	.
MorCorn	MC 4311	113	241	18.1	.	.	.
INTEGRA	6493	114	239	18.4	.	.	.
Revere Seed	Revere 1307 TC	113	237	17.5	.	.	.
Revere Seed	Revere 1627 TC	116	234	19.6	.	.	.
Progeny	PGY 8116 SS	116	234	19.9	.	.	.
INTEGRA	6720	117	233	19.1	.	.	.
Progeny	PGY 2118 VT2P	118	233	19.3	.	.	.
Revere Seed	Revere 1707 VT2P	117	232	20.9	.	.	.
INTEGRA	6342	113	232	18.1	.	.	.
Gateway Seed	9714	114	232	18.0	.	.	.
AgraTech	69RR	114	232	19.6	.	.	.
AgraTech	808VT2P	115	232	19.5	.	.	.
Innvictis	A1548DGVT2P		231	19.8	.	.	.
BH Genetics	BH 8660RR	116	230	18.5	.	.	.
INTEGRA	6811	118	229	21.7	.	.	.
Dyna-Gro	D57VC53	117	228	20.3	.	.	.
INTEGRA	6588	115	228	19.0	.	.	.
AgriGold	A647-79 VT2Pro	117	228	19.8	.	.	.
Stine	9817-30		227	18.9	.	.	.
Innvictis	A1257VT2P RIB		226	18.5	.	.	.
BH Genetics	BH 8820VT2P	118	225	20.3	.	.	.
Progeny	PGY 9114 VT2P	114	223	18.7	.	.	.

**Midville, Georgia:
Corn Grain Performance, 2022, Irrigated (Continued)**

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
Revere Seed	Revere 1525 V	115	222	19.0	.	.	.
Pioneer	P2042VYHR	120	220	19.6	.	.	.
Stine	9752-32	112	210	18.3	.	.	.
Stine	9808E-20	115	198	23.2	.	.	.
Average			243	19.5	-	-	-
LSD at 10% Level			14	0.9	-	-	-
Model R-squared			0.79	0.79	-	-	-

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

Planted: April 26, 2022.

Harvested: September 7, 2022.

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

Soil Type: Dothan sandy loam.

Soil Test:

Fertilization:

Previous Crop:

Management:

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

Plains, Georgia: Corn Grain Performance, 2022, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
DEKALB	DKC68-35 VT2P	118	219	17.8	89.3	31,607	4.2
AgriGold	A643-52 VT2Pro	113	216	16.6	98.3	33,200	0.1
Progeny	PGY 2215 TRE	115	215	16.6	97.8	33,014	0.4
INTEGRA	CX001117	117	215	17.3	98.7	30,695	0.8
AgraTech	808VT2P	115	215	17.5	96.9	32,092	0.2
Innvictis	A1548DGVT2P		214	16.5	97.9	33,696	0.0
Revere Seed	Revere 1898 TC	118	212	16.5	96.7	30,856	2.9
INTEGRA	6342	113	207	16.6	91.5	33,035	0.2
Revere Seed	Revere 1627 TC	116	207	17.1	93.4	33,674	0.8
AgraTech	69RR	114	206	16.7	97.2	34,302	0.3
INTEGRA	6493	114	205	16.3	97.4	33,132	2.6
Revere Seed	Revere 1525 V	115	204	16.7	96.8	35,076	0.4
INTEGRA	6641	116	201	16.8	95.3	31,993	0.2
AgriGold	A647-79 VT2Pro	117	200	17.0	94.8	33,807	1.9
DEKALB	DKC68-48 SS	118	199	17.0	93.0	33,716	0.0
BH Genetics	BH 8412RR	114	198	16.5	102.4	31,008	0.4
BH Genetics	BH 8721VT2P	117	198	17.2	96.3	34,645	1.0
DEKALB	DKC68-69 VT2P	118	197	17.5	96.7	32,984	1.8
INTEGRA	6410	114	195	16.6	94.7	33,682	3.4
Dyna-Gro	D58VC65	118	195	16.6	88.1	34,303	3.3
MorCorn	MC 4725	117	194	17.1	95.1	31,866	2.8
Progeny	PGY 9114 VT2P	114	194	16.0	95.7	33,092	0.8
AgraTech	1777GT	114	194	16.2	92.6	34,025	1.9
MorCorn	MC 4161	111	193	15.8	96.6	33,815	3.4
Revere Seed	Revere 1919 VT2P	118	193	17.3	95.3	33,057	1.9
Revere Seed	Revere 1577 VT2P	115	192	16.5	97.1	34,511	0.1
MorCorn	MC 4311	113	192	16.1	99.1	31,277	0.3
Progeny	PGY 8116 SS	116	192	16.7	96.8	32,739	1.0
Stine	9814-20	118	192	17.8	93.7	32,049	0.3
Progeny	PGY 9117 VT2P	117	191	17.0	97.8	33,049	1.3
MorCorn	MC 4527	115	191	16.6	96.6	33,995	0.0
Stine	9817-30		189	16.9	97.0	33,826	0.4
Augusta	A9967-3000GT		189	17.3	94.9	32,191	0.4
Gateway Seed	1719	119	188	17.5	91.0	33,269	0.0
Pioneer	P1289YHR	112	187	16.6	97.3	32,681	0.6
BH Genetics	BH 8820VT2P	118	187	17.5	95.9	34,883	0.2
BH Genetics	BH 8660RR	116	186	16.8	91.0	31,734	0.0
Innvictis	MEX1791VT2P		185	17.6	101.3	33,242	1.6
Gateway Seed	9714	114	185	16.6	95.6	32,189	2.4
INTEGRA	6811	118	185	17.4	96.5	31,840	2.3
Stine	9752-32	112	184	16.6	91.2	30,148	0.4
AgraTech	888VT2P	119	183	17.5	96.7	33,160	2.0
Revere Seed	Revere 1307 TC	113	181	16.0	90.8	34,382	1.6
Progeny	PGY 2118 VT2P	118	181	17.6	95.2	32,762	1.2
Augusta	A1367-3220GT		180	17.3	99.2	32,007	0.0
INTEGRA	6720	117	179	15.9	97.4	33,530	3.7
DEKALB	DKC68-95 SS	118	178	17.6	99.1	32,422	2.2
Dyna-Gro	D57VC53	117	177	17.6	94.2	29,046	9.7
Revere Seed	Revere 1707 VT2P	117	177	17.9	94.5	32,526	2.1
Stine	9808E-20	115	175	16.8	95.7	33,391	0.6
INTEGRA	6588	115	173	17.3	96.1	32,620	3.4
Gateway Seed	2716	116	172	17.6	90.8	32,834	0.0
Progeny	PGY 2216 VT2P	116	172	17.6	94.3	31,606	1.0
BH Genetics	BH 8412VT2P	114	172	16.6	96.2	32,089	0.2
AgriGold	A6659 RR	116	171	17.3	92.2	30,427	4.9

Plains, Georgia: Corn Grain Performance, 2022, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
INTEGRA	6533	115	170	16.8	100.4	31,343	0.0
Innvictis	A125VT2P RIB		169	16.0	93.2	31,968	3.8
Pioneer	P2042VYHR	120	166	17.1	91.7	31,672	0.2
Stine	9816-20		149	17.2	93.2	33,992	2.9
Average			190	16.9	95.5	32,746	1.5
LSD at 10% Level			15	0.5	6.1	2,504	2.8
Model R-squared			0.77	0.82	0.27	0.49	0.58

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

Planted: April 13, 2022.

Harvested: September 14, 2022.

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

Soil Type: Greenville sandy clay loam.

Soil Test:

Fertilization:

Previous Crop:

Management:

Note: Plant populations above 34,000 per acre in this test result from smaller-seeded varieties causing "doubles" on the planter plate. Populations below 34,000 are due to germination rates of less than 100%. Germination rates are primarily determined by the quality of seed lot obtained, and not the specific hybrid. So a low population number for a hybrid indicates it might not have reached its full yield potential in this test.

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

Griffin, Georgia:
Corn Grain Performance, 2022, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Ears/100 plants no.	Actual Population plants/acre	Lodging %
DEKALB	DKC68-35 VT2P	118	304	12.8	.	.	0.0
INTEGRA	CX001117	117	287	12.7	.	.	0.0
Dyna-Gro	D58VC65	118	280	12.8	.	.	0.0
BH Genetics	BH 8721VT2P	117	275	12.6	.	.	0.0
INTEGRA	6641	116	272	12.9	.	.	0.0
BH Genetics	BH 8412RR	114	269	12.5	.	.	0.0
Revere Seed	Revere 1577 VT2P	115	268	12.5	.	.	0.0
AgraTech	808VT2P	115	268	12.8	.	.	0.0
MorCorn	MC 4725	117	267	12.6	.	.	0.0
INTEGRA	6493	114	266	12.8	.	.	0.0
BH Genetics	BH 8412VT2P	114	265	12.7	.	.	0.0
BH Genetics	BH 8820VT2P	118	264	13.1	.	.	0.0
Innvictis	MEX1791VT2P		262	13.1	.	.	0.0
MorCorn	MC 4311	113	262	12.4	.	.	0.0
AgraTech	69RR	114	262	12.7	.	.	0.0
Augusta	A9967-3000GT		262	13.4	.	.	0.0
Progeny	PGY 2118 VT2P	118	262	12.8	.	.	0.0
Gateway Seed	9714	114	261	12.7	.	.	0.0
DEKALB	DKC68-48 SS	118	260	12.4	.	.	0.0
Revere Seed	Revere 1707 VT2P	117	260	13.1	.	.	0.0
DEKALB	DKC68-95 SS	118	259	12.4	.	.	0.0
Revere Seed	Revere 1898 TC	118	257	12.6	.	.	0.0
Augusta	A1367-3220GT		256	12.9	.	.	0.0
DEKALB	DKC68-69 VT2P	118	255	13.1	.	.	0.0
Stine	9816-20		253	12.7	.	.	0.0
Gateway Seed	2716	116	253	12.9	.	.	0.0
Progeny	PGY 9114 VT2P	114	252	12.5	.	.	0.0
Revere Seed	Revere 1525 V	115	252	14.9	.	.	0.0
MorCorn	MC 4527	115	252	12.4	.	.	0.0
Revere Seed	Revere 1307 TC	113	251	12.5	.	.	0.0
Progeny	PGY 9117 VT2P	117	250	12.6	.	.	0.0
INTEGRA	6410	114	249	12.7	.	.	0.0
Innvictis	A1548DGV2P		247	12.7	.	.	0.0
Revere Seed	Revere 1627 TC	116	246	12.7	.	.	0.0
Dyna-Gro	D57VC53	117	243	13.3	.	.	0.0
INTEGRA	6720	117	243	15.6	.	.	0.0
Revere Seed	Revere 1919 VT2P	118	243	12.6	.	.	0.0
MorCorn	MC 4161	111	241	12.8	.	.	0.0
AgraTech	888VT2P	119	239	12.7	.	.	0.0
INTEGRA	6342	113	238	12.6	.	.	0.0
Stine	9752-32	112	237	13.0	.	.	0.0
Stine	9817-30		237	12.9	.	.	0.0
Gateway Seed	1719	119	235	12.9	.	.	0.0
AgriGold	A647-79 VT2Pro	117	234	12.7	.	.	0.0
Stine	9814-20	118	234	13.0	.	.	0.0
Progeny	PGY 2216 VT2P	116	231	12.6	.	.	0.0
Pioneer	P2042VYHR	120	228	12.8	.	.	0.0
Progeny	PGY 8116 SS	116	226	12.5	.	.	0.0
Innvictis	A1257VT2P RIB		225	12.6	.	.	0.0
BH Genetics	BH 8660RR	116	224	12.4	.	.	0.0
Stine	9808E-20	115	223	12.6	.	.	0.0
Progeny	PGY 2215 TRE	115	221	12.5	.	.	0.0
AgraTech	1777GT	114	221	12.4	.	.	0.0
AgriGold	A6659 RR	116	220	12.6	.	.	0.0
AgriGold	A643-52 VT2Pro	113	219	12.8	.	.	0.0

**Griffin, Georgia:
Corn Grain Performance, 2022, Irrigated (Continued)**

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
INTEGRA	6811	118	218	14.1	.	.	0.0
INTEGRA	6533	115	216	12.7	.	.	0.0
Pioneer	P1289YHR	112	190	12.5	.	.	0.0
INTEGRA	6588	115	175	12.4	.	.	0.0
Average			247	12.8	-	-	0
LSD at 10% Level			22	0.9	-	-	-
Model R-squared			0.75	0.53	-	-	-

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:

Soil Test:

Fertilization:

Previous Crop:

Management:

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

Tifton, Georgia: Evaluation of Corn Hybrids for Silage, 2022, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Forage Yield		Percent Moisture %	Grain Portion %
			Dry	Green ¹		
			tons/acre			
BH Genetics	BH 8690VIP3111	116	12.91	36.88	52.2	55.7
AgraTech	1778VIP	116	12.42	35.48	61.0	51.3
NK Brand	NK1838-3110	118	12.06	34.47	60.9	52.3
BH Genetics	BH 8420VIP3110	114	11.79	33.69	57.0	55.0
NK Brand	NK1677-3110	116	11.25	32.13	60.1	52.5
Gateway Seed	1717	117	11.23	32.07	50.0	54.4
AgriGold	A645-80 3110	115	11.15	31.87	57.3	57.2
Dekalb	DKC70-64 SS	120	11.13	31.80	58.6	49.9
BH Genetics	BH 8705VIP3111	117	11.05	31.57	54.2	53.5
MorCorn	MC 4527	115	11.03	31.51	54.1	62.6
INTEGRA	6880	118	10.97	31.33	54.6	56.3
Stine	9816-20	.	10.92	31.19	62.7	52.9
Dekalb	DKC70-94 SS	120	10.91	31.17	61.6	52.5
INTEGRA	6709	117	10.84	30.98	59.4	53.4
Dyna-Gro	D58VC65	118	10.64	30.39	54.3	58.6
Dekalb	DKC68-48 SS	118	10.64	30.41	56.5	56.9
AgraTech	808VT2P	115	10.56	30.18	56.4	57.9
Stine	9752-32	112	10.39	29.69	49.9	57.5
Stine	9814-20	118	10.34	29.53	60.8	59.1
Dekalb	DKC68-95 SS	118	10.34	29.55	57.8	52.3
Dyna-Gro	D57VC53	117	10.32	29.47	53.3	56.4
INTEGRA	6720	117	10.23	29.23	47.6	60.3
INTEGRA	6641	116	10.17	29.05	58.8	53.7
MorCorn	MC 4311	113	10.15	29.01	46.6	58.9
BH Genetics	BH 8780VT2P	117	10.11	28.89	58.6	54.1
NK Brand	NK1748-3110	117	10.11	28.89	60.1	54.9
Augusta	A9967-3000GT	.	10.10	28.86	55.5	57.7
MorCorn	MC 4161	111	10.06	28.73	53.7	54.4
INTEGRA	6811	118	10.02	28.64	49.5	54.6
AgraTech	79VIP	115	9.95	28.44	50.9	60.6
BH Genetics	BH 8966VT2P	119	9.88	28.23	52.8	53.3
BH Genetics	BH 8644TRE	116	9.76	27.88	52.8	54.2
AgriGold	A650-21 VT2Pro	120	9.65	27.56	55.5	59.6
BH Genetics	BH 8721VT2P	117	9.65	27.57	55.5	56.0
Stine	9808E-20	115	9.52	27.20	58.9	55.3
Dekalb	DKC67-66 SS	117	9.45	27.01	57.8	54.4
AgriGold	A647-35 5222	117	9.42	26.90	62.1	56.2
Stine	9817-30	.	9.21	26.32	52.2	58.1
INTEGRA	6588	115	8.67	24.77	59.1	55.1
AgraTech	888VT2P	119	8.14	23.27	59.8	53.2
Pioneer	P2042VYHR	120	8.03	22.96	60.4	53.8
Average			10.39	29.69	56.2	55.5
LSD at 10% Level			1.67	4.77	0.7	4.2
Model R-squared			0.77	0.77	0.99	0.87

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 12, 2022.

Harvested: July 26, 2022. Accumulated 2,818 GDD units. $50 \leq \text{Temp} \leq 86$ °F

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

Soil Type: Tifton loamy sand.

Soil Test:

Fertilization:

Previous Crop: Soybeans.

Management: Test conducted by K. Cawley, M. Cofield, D. Dunn and W. Mosteller.

Quality Factors of Corn Hybrids for Silage Tifton, Georgia, 2022

Company or Brand Name	Hybrid Name	Dry Yield	UW Milk 2006 Model Calculated Values						Quality Components					
			Milk production	TDN	NE _L	NE _G	NE _M	ADF	aND	aNDFom	Ligni	NDFD3	NDFD24	
		tons/ac	lb/ton	lb/acre	% DM	-----	Mcal/cwt	-----	-----	% DM	-----	-----	% NDFom	-----
BH Genetics	BH 8690VIP3111	12.91	3,285	43,452	70.9	65.4	54.0	82.6	19.0	33.4	32.0	2.3	53.0	65.6
NK Brand	NK1838-3110	12.06	3,523	42,014	74.0	68.1	58.1	87.2	15.8	29.1	27.8	2.2	52.1	65.3
MorCorn	MC 4527	11.03	3,633	40,557	75.5	69.6	59.7	89.1	15.3	28.8	27.8	2.0	58.2	67.8
BH Genetics	BH 8420VIP3110	11.79	3,484	40,369	73.5	68.1	56.8	85.7	17.3	31.4	30.3	2.3	52.8	68.4
AgraTech	1778VIP	12.42	3,300	40,329	71.2	65.9	53.0	81.4	21.3	37.3	36.2	2.6	53.6	67.8
Gateway Seed	1717	11.23	3,578	40,048	74.8	68.9	58.4	87.6	16.3	30.9	29.9	2.4	55.8	67.6
NK Brand	NK1667-3110	11.76	3,468	39,859	73.5	67.7	56.8	85.7	18.1	33.2	32.1	2.4	55.7	67.4
AgriGold	A645-80 3110	11.15	3,496	38,139	73.7	67.9	57.4	86.4	16.8	30.2	29.0	2.2	52.1	67.0
INTEGRA	6709	10.84	3,424	37,550	72.9	67.4	55.6	84.4	18.4	33.6	32.4	2.5	55.9	66.8
INTEGRA	6880	10.97	3,378	37,470	72.0	66.8	55.3	84.0	18.3	32.6	31.4	2.6	52.5	63.8
Dyna-Gro	D58VC65	10.64	3,507	37,320	73.7	67.9	57.7	86.8	16.2	29.9	28.8	2.3	52.2	67.2
MorCorn	MC 4311	10.15	3,655	36,836	75.6	69.3	60.6	90.2	13.5	25.6	24.3	2.1	52.1	65.1
DEKALB	DKC68-95 SS	10.34	3,556	36,728	74.5	68.5	58.5	87.8	16.0	30.0	28.9	2.0	55.1	66.5
DEKALB	DKC68-48 SS	10.64	3,542	36,696	74.3	68.6	58.4	87.5	16.0	29.6	28.4	2.3	51.4	63.4
DEKALB	DKC70-94 SS	10.91	3,343	36,671	71.5	66.3	54.6	83.3	18.0	32.1	31.0	2.5	49.4	64.7
NK Brand	NK1667-3110	10.73	3,415	36,369	72.9	67.1	55.8	84.6	19.3	34.9	33.7	2.4	56.1	69.7
BH Genetics	BH 8705VIP3111	11.05	3,254	36,269	70.7	65.1	52.4	80.8	21.4	37.9	36.8	2.4	54.6	69.2
Stine	9752-32	10.39	3,518	36,135	74.0	68.1	57.7	86.8	16.5	30.4	29.3	2.0	53.5	67.7
Stine	9816-20	10.92	3,298	35,955	71.1	65.6	53.8	82.3	19.5	34.0	32.8	2.6	52.0	66.7
Augusta	A9967-3000GT	10.1	3,571	35,789	74.8	68.6	58.8	88.0	16.1	29.7	28.5	2.0	56.4	69.9
DEKALB	DKC70-64 SS	11.13	3,170	35,767	69.4	64.4	52.3	80.6	19.9	35.9	34.8	2.7	51.6	65.1
Dyna-Gro	D57VC53	10.32	3,405	35,495	73.1	66.8	55.4	84.2	20.7	38.0	36.9	2.3	60.1	71.4
BH Genetics	BH 8780VT2P	10.11	3,541	35,453	74.4	68.7	58.2	87.4	16.2	30.9	29.8	2.1	55.4	65.8
INTEGRA	6811	10.02	3,497	35,359	73.7	67.8	57.3	86.3	17.4	31.9	30.9	2.1	55.7	67.5
BH Genetics	BH 8966VT2P	9.88	3,570	35,327	74.6	68.5	59.0	88.3	15.7	28.8	27.7	2.3	54.0	66.8
AgraTech	79VIP	9.95	3,537	34,981	74.4	68.0	57.8	86.9	17.2	32.6	31.5	2.1	56.8	71.1
BH Genetics	BH 8721VT2P	9.65	3,550	34,957	74.3	68.6	58.5	87.8	15.8	29.5	28.4	2.2	55.0	64.9
MorCorn	MC 4161	10.06	3,480	34,721	73.4	67.7	56.8	85.8	17.2	31.0	29.9	2.2	53.2	66.2
NK Brand	NK1748-3110	10.11	3,377	34,510	72.2	66.9	54.7	83.3	18.8	34.3	33.2	2.4	54.7	68.3
INTEGRA	6720	10.23	3,366	34,447	72.1	66.4	54.9	83.5	19.3	34.3	33.2	2.4	54.2	67.2
INTEGRA	6641	10.17	3,441	34,427	72.9	67.4	56.3	85.2	16.9	30.8	29.6	2.3	51.0	65.9
BH Genetics	BH 8644TRE	9.76	3,502	34,398	73.8	67.9	57.5	86.6	16.4	30.7	29.6	2.4	55.8	67.9
AgriGold	A650-21 VT2Pro	9.65	3,531	34,110	74.3	68.3	57.8	86.9	16.6	30.9	29.8	2.1	57.0	69.6
AgriGold	A647-35 5222	9.42	3,565	33,575	74.6	68.7	58.6	87.9	15.0	27.7	26.5	2.0	54.9	68.6
Stine	9814-20	10.34	3,234	33,326	70.4	65.1	53.5	81.9	19.5	35.0	34.0	2.6	53.4	66.7
AgraTech	808VT2P	10.56	3,142	33,210	68.8	63.9	50.3	78.4	21.9	37.1	35.9	2.9	48.5	63.9
Stine	9808E-17	9.52	3,328	32,281	71.6	65.8	54.1	82.7	19.4	34.4	33.3	1.9	55.9	68.9
Stine	9817-30	9.21	3,481	32,165	73.4	67.3	57.7	86.8	15.9	29.2	27.9	2.1	52.6	68.3
DEKALB	DKC67-66	9.45	3,323	31,505	71.3	65.8	54.4	83.0	18.8	32.8	31.6	2.3	50.2	63.8
INTEGRA	6588	8.67	3,470	30,375	73.5	67.8	56.6	85.6	17.4	32.3	31.2	2.4	57.0	70.6
AgraTech	888VT2P	8.14	3,518	29,000	74.1	68.4	57.7	86.8	16.8	31.4	30.2	2.3	55.4	65.5
Pioneer	P2042VYHR	8.03	3,362	27,272	72.0	66.6	54.5	83.2	19.1	34.7	33.7	2.4	54.7	68.5
Average		10.39	3,443	35,743	73.0	67.3	56.4	85.3	17.6	32.1	31.0	2.3	54.1	67.1
LSD at 10% Level		1.67	161	5,765	2.1	1.9	2.9	3.4	2.8	4.2	4.2	0.3	4.0	3.1
Model R-squared		0.77	0.92	0.76	###	###	###	###	0.89	###	0.88	0.69	0.88	0.91

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

Sample analysis conducted by Dairyland Laboratories, Arcadia, WI.

Nutrient and Elemental Analysis of Corn Hybrids for Silage Tifton, Georgia, 2022

Company or Brand Name	Hybrid Name	Dry Yield	Milk Production	Crude Starch Protein	Sugar (WSC)	Fat (EE)	Fat (TFA)	Ash	P	K	Ca	Mg	S		
		tons/ac	lb/ton	lb/acre	% DM										
BH Genetics	BH 8690VIP3111	12.91	3,285	43,452	9.3	39.4	8.9	2.8	2.3	3.9	0.25	1.22	0.24	0.15	0.11
NK Brand	NK1838-3110	12.06	3,523	42,014	8.6	45.4	8.9	3.1	2.6	3.2	0.24	1.06	0.21	0.13	0.10
MorCorn	MC 4527	11.03	3,633	40,557	8.9	44.4	6.9	3.7	3.1	3.3	0.26	1.07	0.20	0.13	0.11
BH Genetics	BH 8420VIP3110	11.79	3,484	40,369	9.0	40.6	8.6	3.3	2.7	3.4	0.25	0.93	0.21	0.12	0.11
AgraTech	1778VIP	12.42	3,300	40,329	8.1	34.8	9.7	2.8	2.2	3.6	0.22	1.10	0.22	0.13	0.09
Gateway Seed	1717	11.23	3,578	40,048	8.3	43.6	7.2	3.3	2.9	3.0	0.24	0.99	0.18	0.12	0.10
NK Brand	NK1667-3110	11.76	3,468	39,859	9.3	38.8	8.7	3.4	2.7	3.8	0.25	1.12	0.21	0.13	0.11
AgriGold	A645-80 3110	11.15	3,496	38,139	8.9	44.2	8.1	3.0	2.6	3.4	0.25	0.99	0.21	0.11	0.10
INTEGRA	6709	10.84	3,424	37,550	8.6	38.5	8.5	3.0	2.5	3.5	0.24	1.23	0.21	0.13	0.10
INTEGRA	6880	10.97	3,378	37,470	9.0	40.4	7.9	3.3	2.7	3.5	0.24	1.23	0.23	0.14	0.11
Dyna-Gro	D58VC65	10.64	3,507	37,320	8.5	45.5	7.6	3.2	2.8	3.0	0.24	0.94	0.18	0.12	0.10
MorCorn	MC 4311	10.15	3,655	36,836	8.4	52.0	6.6	3.3	3.0	2.9	0.25	0.96	0.15	0.09	0.10
DEKALB	DKC68-95 SS	10.34	3,556	36,728	8.8	44.9	7.6	3.3	2.8	3.1	0.25	1.08	0.18	0.12	0.11
DEKALB	DKC68-48 SS	10.64	3,542	36,696	9.1	44.7	8.1	3.2	2.8	3.3	0.25	1.25	0.22	0.13	0.11
DEKALB	DKC70-94 SS	10.91	3,343	36,671	8.7	42.2	7.5	3.4	2.8	3.3	0.24	1.01	0.21	0.12	0.11
NK Brand	NK1667-3110	10.73	3,415	36,369	9.2	36.6	8.4	2.9	2.5	4.0	0.24	1.09	0.23	0.15	0.11
BH Genetics	BH 8705VIP3111	11.05	3,254	36,269	7.9	35.1	8.3	2.9	2.3	3.7	0.22	1.03	0.21	0.15	0.10
Stine	9752-32	10.39	3,518	36,135	8.3	44.7	8.0	2.6	2.5	3.2	0.23	1.15	0.19	0.12	0.10
Stine	9816-20	10.92	3,298	35,955	8.9	37.8	8.0	2.8	2.3	4.0	0.24	1.07	0.23	0.13	0.11
Augusta	A9967-3000GT	10.1	3,571	35,789	8.5	45.4	7.4	2.9	2.6	3.3	0.25	1.02	0.19	0.12	0.11
DEKALB	DKC70-64 SS	11.13	3,170	35,767	8.7	33.4	9.8	2.8	2.3	3.7	0.23	1.29	0.22	0.14	0.11
Dyna-Gro	D57VC53	10.32	3,405	35,495	8.2	37.6	7.1	3.4	2.7	3.4	0.23	1.04	0.20	0.14	0.11
BH Genetics	BH 8780VT2P	10.11	3,541	35,453	9.3	40.8	8.5	3.5	2.8	3.5	0.26	1.15	0.22	0.14	0.11
INTEGRA	6811	10.02	3,497	35,359	8.5	42.9	7.1	3.4	2.8	3.2	0.25	1.02	0.20	0.13	0.11
BH Genetics	BH 8966VT2P	9.88	3,570	35,327	8.5	47.8	6.7	3.3	2.9	3.0	0.25	0.99	0.18	0.11	0.10
AgraTech	79VIP	9.95	3,537	34,981	7.5	44.1	7.1	2.7	2.5	3.1	0.23	0.97	0.17	0.12	0.10
BH Genetics	BH 8721VT2P	9.65	3,550	34,957	9.0	45.9	6.9	3.8	3.1	2.9	0.25	1.03	0.19	0.11	0.11
MorCorn	MC 4161	10.06	3,480	34,721	8.8	42.6	7.7	3.2	2.7	3.5	0.25	1.05	0.22	0.14	0.11
NK Brand	NK1748-3110	10.11	3,377	34,510	8.8	37.2	8.5	3.1	2.5	3.7	0.24	1.15	0.21	0.14	0.11
INTEGRA	6720	10.23	3,366	34,447	8.8	39.8	7.2	3.0	2.6	3.7	0.24	1.21	0.22	0.14	0.11
INTEGRA	6641	10.17	3,441	34,427	8.8	42.2	8.4	3.1	2.6	3.6	0.25	1.04	0.22	0.14	0.10
BH Genetics	BH 8644TRE	9.76	3,502	34,398	8.8	43.1	7.1	3.1	2.7	3.6	0.24	1.04	0.19	0.13	0.11
AgriGold	A650-21 VT2Pro	9.65	3,531	34,110	8.4	43.1	8.0	3.0	2.6	3.3	0.24	1.07	0.21	0.14	0.10
AgriGold	A647-35 5222	9.42	3,565	33,575	8.8	45.0	8.3	3.0	2.6	3.6	0.25	1.07	0.20	0.13	0.10
Stine	9814-20	10.34	3,234	33,326	9.0	33.2	10.2	2.5	2.1	4.1	0.24	1.31	0.25	0.16	0.11
AgraTech	808VT2P	10.56	3,142	33,210	8.2	36.4	8.9	2.7	2.2	3.6	0.22	1.20	0.25	0.15	0.09
Stine	9808E-20	9.52	3,328	32,281	8.1	37.9	9.0	2.6	2.1	3.9	0.23	1.18	0.23	0.16	0.11
Stine	9817-30	9.21	3,481	32,165	8.8	47.8	6.4	2.9	2.6	3.3	0.25	1.02	0.19	0.11	0.11
DEKALB	DKC67-66	9.45	3,323	31,505	8.7	42.2	8.0	2.8	2.4	3.6	0.24	1.19	0.25	0.15	0.10
INTEGRA	6588	8.67	3,470	30,375	9.0	39.5	8.2	3.1	2.6	3.7	0.25	1.01	0.20	0.13	0.11
AgraTech	888VT2P	8.14	3,518	29,000	9.0	41.7	8.5	3.3	2.9	3.4	0.25	1.25	0.21	0.15	0.11
Pioneer	P2042VYHR	8.03	3,362	27,272	8.7	37.1	8.2	2.9	2.4	3.6	0.24	1.01	0.20	0.13	0.10
Average		10.39	3,443	35,743	8.7	41.4	8.0	3.1	2.6	3.5	0.24	1.09	0.21	0.13	0.11
LSD at 10% Level		1.67	161	5,765	0.5	5.4	1.0	0.4	0.3	0.4	0.01	0.14	0.03	0.02	0.01
Model R-squared		0.77	0.92	0.76	0.93	0.9	0.73	0.91	0.91	0.89	0.88	0.93	0.87	0.63	0.89

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

Silage analysis conducted by Dairyland Laboratories, Arcadia, WI.

"Milk Production" reprinted from Quality Factors table, based on UW Milk 2013 predicted milk model.

Griffin, Georgia: Evaluation of Corn Hybrids for Silage, 2022, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Forage Yield		Percent Moisture %
			Dry	Green ¹	
			tons/acre		
BH Genetics	BH 8721VT2P	117	12.11	34.60	65.4
Dekalb	DKC70-94 SS	120	11.69	33.41	68.4
BH Genetics	BH 8705VIP3111	117	11.52	32.93	65.3
INTEGRA	6709	117	11.52	32.90	66.1
NK Brand	NK1748-3110	117	11.43	32.66	68.2
NK Brand	NK1677-3110	116	11.40	32.56	67.6
Innvictis	MEX1791VT2P	.	11.17	31.92	63.7
NK Brand	NK1838-3110	118	10.98	31.38	67.4
AgriGold	A645-80 3110	115	10.93	31.23	66.6
Stine	9752-32	112	10.93	31.24	64.7
Gateway Seed	1717	117	10.84	30.96	63.8
Dekalb	DKC70-64 SS	120	10.75	30.71	69.1
Pioneer	P2042VYHR	120	10.59	30.26	67.9
AgriGold	A647-35 5222	117	10.50	29.99	71.0
Innvictis	A1548DGV2P	.	10.48	29.95	67.1
BH Genetics	BH 8690VIP3111	116	10.41	29.74	66.8
BH Genetics	BH 8966VT2P	119	10.40	29.71	64.5
BH Genetics	BH 8420VIP3110	114	10.39	29.70	68.7
Stine	9816-20	.	10.37	29.63	71.3
Dekalb	DKC67-66 SS	117	10.26	29.33	67.9
Dekalb	DKC68-48 SS	118	10.22	29.19	66.1
INTEGRA	6641	116	10.22	29.19	69.2
Dyna-Gro	D58VC65	118	10.18	29.08	65.3
Dyna-Gro	D57VC53	117	10.08	28.79	66.9
AgriGold	A650-21 VT2Pro	120	10.02	28.63	66.1
Dekalb	DKC68-95 SS	118	9.98	28.51	66.9
INTEGRA	6880	118	9.82	28.05	69.7
INTEGRA	6588	115	9.63	27.52	68.0
INTEGRA	6811	118	9.61	27.45	66.3
INTEGRA	6720	117	9.55	27.28	66.2
Stine	9817-30	.	9.44	26.97	68.0
Stine	9808E-20	115	9.01	25.73	66.0
BH Genetics	BH 8644TRE	116	8.85	25.27	68.4
Innvictis	A1257VT2P RIB	.	8.77	25.05	64.7
BH Genetics	BH 8780VT2P	117	8.55	24.44	68.2
Stine	9814-20	118	8.46	24.17	69.2
Average			10.31	29.45	67.1
LSD at 10% Level			1.29	3.70	1.4
Model R-squared			0.84	0.84	0.92

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 29, 2022.

Harvested: August 9, 2022. Accumulated 2,602 GDD units. $50 \leq \text{Temp} \leq 86$ °F

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

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

Tifton, Georgia: Sorghum Silage Performance, 2022, Dryland

Company or Brand Name	Hybrid or Variety Name	Harvested Yield			Growth Stage	Plant Height	Lodging
		Dry	Green ¹	Moisture			
		----- tons/acre -----		%			
Sorghum Partners	SS304	6.49	18.55	80.8	Flowering	118	0
Dyna-Gro Seed	Super Sile 30	6.23	17.81	76.8	Milk	105	2
Dyna-Gro Seed	Super Sile 20	6.02	17.21	80.8	Milk	123	2
Sorghum Partners	NK300	5.95	17.01	78.8	Soft dough	78	0
Scott Seed	S21N924	5.63	16.09	80.0	-	91	0
Dyna-Gro Seed	F74FS72 BMR	5.62	16.07	81.5	Milk	103	8
Sorghum Partners	SPBD703	5.21	14.88	78.5	Soft dough	90	0
Dyna-Gro Seed	5FS Star	5.11	14.59	73.5	Hard dough	85	2
Sorghum Partners	SP1792 BMR	4.94	14.11	73.3	Soft dough	85	2
Sorghum Partners	SPBD702	4.76	13.60	80.1	Milk	74	0
Dyna-Gro Seed	F74FS23 BMR	4.72	13.49	80.7	-	61	0
Sorghum Partners	SP1727 MS BMR	4.63	13.22	78.2	Soft dough	93	2
Average		5.44	15.55	78.6	-	92	1
LSD at 10% Level		0.69	1.97	0.6	-	3	4
Model R-squared		0.60	0.60	0.97	-	0.99	0.38

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: May 3, 2022.

Harvested: July 28, 2022. Accumulated 2,479 GDD units. $50 \leq \text{Temp} \leq 100$ °F

Seeding Rate: 80,000 seeds per acre in 36-inch rows.

Soil Type: Tifton loamy sand.

Soil Test:

Fertilization:

Previous Crop:

Management:

Test conducted by K. Cawley, M. Cofield, D. Dunn, and W. Mosteller.

Quality Factors of Sorghum Hybrids for Silage Tifton, Georgia, 2022

Company or Brand Name	Hybrid Name	Dry Yield	UW Milk 2013 Model Calculated Values						Quality Components					
			Milk production	TDN	NE _L	NE _G	NE _M	ADF	aND	aNDFom	Ligni	NDFD3	NDFD24	
		tons/ac	lb/ton	lb/acre	% DM	-----	Mcal/cwt	-----	-----	% DM	-----	-----	% NDFom	-----
Sorghum Partners	SS304	6.49	2,635	17,112	55.8	60.5	27.2	52.7	37.8	65.0	63.2	4.6	54.0	68.1
Dyna-Gro Seed	Super Sile 30	6.23	2,730	17,021	57.8	61.5	29.8	55.4	37.8	64.7	63.3	4.7	57.0	71.0
Dyna-Gro Seed	5FS Star	5.11	3,308	16,890	64.3	70.9	38.4	64.9	28.4	48.7	47.5	3.5	53.7	68.3
Sorghum Partners	NK300	5.95	2,794	16,630	58.7	62.4	31.3	57.1	35.9	62.0	60.7	4.2	55.5	70.1
Dyna-Gro Seed	Super Sile 20	6.02	2,691	16,207	56.7	61.2	28.1	53.6	38.3	65.1	63.4	5.0	54.6	69.2
Sorghum Partners	SP1792 BMR	4.94	3,273	16,158	63.7	70.7	37.5	63.9	27.8	47.5	46.3	2.9	50.0	67.2
Dyna-Gro Seed	F74FS72 BMR	5.62	2,809	15,798	59.9	62.2	32.8	58.8	35.9	61.3	59.6	3.2	62.1	72.9
Scott Seed	S21N924	5.63	2,700	15,204	58.1	60.7	30.5	56.3	37.0	64.8	63.4	4.6	57.4	71.4
Sorghum Partners	SP1727 MS BMR	4.63	3,184	14,731	63.4	68.6	37.3	63.7	29.7	50.9	49.3	2.6	55.6	69.1
Sorghum Partners	SPBD703	5.21	2,795	14,553	59.3	62.1	32.4	58.3	33.7	59.1	57.4	3.0	56.9	69.6
Dyna-Gro Seed	F74FS23 BMR	4.72	2,836	13,390	61.1	62.1	34.9	61.1	35.2	60.3	59.0	3.4	65.5	75.5
Sorghum Partners	SPBD702	4.76	2,754	13,106	59.3	61.3	32.5	58.4	34.9	61.3	59.7	3.2	60.3	71.1
Average		5.44	2,876	15,567	59.8	63.7	32.7	58.7	34.4	59.2	57.7	3.7	56.9	70.3
LSD at 10% Level		0.69	184	1,905	2.5	2.8	3.1	3.4	2.3	3.1	3.0	0.6	2.4	2.3
Model R-squared		0.60	0.77	0.49	0.72	0.80	0.74	0.75	0.83	0.88	0.89	0.75	0.93	0.87

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

Sample analysis conducted by Dairyland Laboratories, Arcadia, WI.

Nutrient and Elemental Analysis of Sorghum Hybrids for Silage Tifton, Georgia, 2022

Company or Brand Name	Hybrid Name	Dry Yield	Milk Production	Crude Protein	Starch	Sugar (WSC)	Fat (EE)	Fat (TFA)	Ash	P	K	Ca	Mg	S	
		tons/ac	lb/ton	lb/acre	----- % DM -----										
Sorghum Partners	SS304	6.49	2,635	17,112	8.7	0.5	11.5	2.3	0.6	6.1	0.17	1.85	0.24	0.19	0.13
Dyna-Gro Seed	Super Sile 30	6.23	2,730	17,021	8.4	0.5	12.7	2.2	0.7	5.9	0.16	1.69	0.24	0.20	0.11
Dyna-Gro Seed	5FS Star	5.11	3,308	16,890	8.6	15.1	11.4	3.1	1.3	5.4	0.21	1.21	0.24	0.20	0.11
Sorghum Partners	NK300	5.95	2,794	16,630	9.0	0.9	12.3	2.5	0.8	6.5	0.18	1.85	0.24	0.23	0.12
Dyna-Gro Seed	Super Sile 20	6.02	2,691	16,207	7.8	0.4	13.4	2.3	0.6	5.6	0.14	1.56	0.24	0.19	0.11
Sorghum Partners	SP1792 BMR	4.94	3,273	16,158	8.3	11.9	15.4	2.8	1.1	5.5	0.16	1.29	0.24	0.21	0.10
Dyna-Gro Seed	F74FS72 BMR	5.62	2,809	15,798	8.9	0.4	12.2	2.7	0.8	7.8	0.22	2.02	0.25	0.19	0.15
Scott Seed	S21N924	5.63	2,700	15,204	9.1	0.6	10.6	2.3	0.8	7.1	0.17	2.12	0.24	0.23	0.12
Sorghum Partners	SP1727 MS BMR	4.63	3,184	14,731	8.6	5.4	16.9	3.0	0.9	6.4	0.18	1.40	0.24	0.16	0.11
Sorghum Partners	SPBD703	5.21	2,795	14,553	10.0	2.1	14.2	2.5	0.8	8.3	0.22	2.13	0.26	0.19	0.14
Dyna-Gro Seed	F74FS23 BMR	4.72	2,836	13,390	10.1	0.4	10.8	2.8	0.9	8.6	0.24	2.32	0.31	0.23	0.16
Sorghum Partners	SPBD702	4.76	2,754	13,106	9.9	1.2	11.0	3.1	0.8	8.4	0.23	1.99	0.25	0.18	0.16
Average		5.44	2,876	15,567	8.9	3.3	12.7	2.6	0.9	6.8	0.19	1.79	0.25	0.20	0.13
LSD at 10% Level		0.69	184	1,905	1.0	2.2	3.0	0.3	0.1	1.0	0.03	0.33	0.02	0.02	0.02
Model R-squared		0.6	0.77	0.49	0.5	0.9	0.43	0.64	0.79	0.75	0.69	0.7	0.65	0.76	0.69

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

Silage analysis conducted by Dairyland Laboratories, Arcadia, WI.

"Milk Production" reprinted from Quality Factors table, based on UW Milk 2013 predicted milk model.

Griffin, Georgia: Sorghum Silage Performance, 2022, Dryland

Company or Brand Name	Hybrid or Variety Name	Soft-dough Harvest Yield								
		Dry	Green ¹	Moisture	Timing	Height	Lodging	Boot Stage		
		---- tons/acre ----		%	days	GDU	in	%	days	GDU
Dyna-Gro Seed	Super Sile 20	8.71	24.90	74.6	98	2,580	124	0	77	2,026
Sorghum Partners	SS304	6.86	19.61	74.8	105	2,750	122	0	77	2,026
Sorghum Partners	NK300	6.28	17.95	77.0	98	2,580	83	0	74	1,940
Sorghum Partners	SPBD702	5.69	16.27	77.1	98	2,580	76	0	72	1,873
Sorghum Partners	SPBD703	5.64	16.11	77.2	98	2,580	85	0	72	1,864
Dyna-Gro Seed	Super Sile 30	5.63	16.09	80.4	77	2,016	105	0	75	1,947
Dyna-Gro Seed	F74FS23 BMR	5.60	15.99	77.3	105	2,750	75	0	82	2,161
Sorghum Partners	SP1792 BMR	5.37	15.35	76.3	90	2,380	84	0	59	1,524
Dyna-Gro Seed	5FS Star	4.98	14.23	74.4	77	2,016	87	0	63	1,638
Scott Seed	S21N924	4.76	13.61	75.0	105	2,750	94	0	80	2,115
Sorghum Partners	SP1727 MS BMR	4.65	13.27	78.3	98	2,580	96	0	64	1,654
Dyna-Gro Seed	F74FS72 BMR	3.28	9.38	83.6	77	2,016	87	45	76	1,987
Average		5.62	16.06	77.2	94	2,465	93	4	73	1,896
LSD at 10% Level		0.87	3.23	2.7	0	-	5	16	2	61
Model R-squared		0.80	0.80	0.76	1	-	0.96	0.67	0.97	0.97

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: May 10, 2022.

Harvested: July 26 to Aug 23, depending on hybrid. GDU model is $50 \leq \text{Temp} \leq 100$ °F.

Seeding Rate: 80,000 seeds per acre in 30-inch rows.

Soil Type: Cecil gravelly sandy loam.

Soil Test: $P_2O_5 = 26$ lbs, $K_2O = 247$ lbs, and $pH = 6.4$.

Fertilization: Preplant: 35 lb N, 104 lb P_2O_5 , and 135 lb K_2O /acre. Topdress: 50 lb N/acre.

Previous Crop:

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

F74FS72 BMR was 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.

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

Quality Factors of Sorghum Hybrids for Silage Griffin, Georgia, 2022

Company or Brand Name	Hybrid Name	Dry Yield	UW Milk 2013 Model Calculated Values						Quality Components					
			Milk production	TDN	NE _L	NE _G	NE _M	ADF	aND	aNDFom	Ligni	NDFD3	NDFD24	
		tons/ac	lb/ton	lb/acre	% DM	-----	Mcal/cwt	-----	-----	% DM	-----	-----	% NDFom	-----
Dyna-Gro Seed	Super Sile 20	8.71	2,608	22,565	53.6	61.7	23.4	48.5	42.2	63.9	62.1	5.5	45.1	61.7
Sorghum Partners	SP1792 BMR	5.37	3,039	18,945	60.8	67.2	34.0	60.1	31.7	54.2	52.7	3.8	51.8	68.0
Sorghum Partners	SS304	6.86	2,885	18,943	58.3	64.6	30.6	56.3	37.8	59.4	57.7	5.2	50.3	68.2
Sorghum Partners	SPBD702	5.69	2,954	17,957	61.4	65.4	35.2	61.4	34.9	55.9	54.3	4.0	60.3	73.2
Sorghum Partners	NK300	6.28	2,812	17,408	57.1	63.2	29.3	54.9	36.3	56.9	55.3	4.5	47.3	63.9
Sorghum Partners	SPBD703	5.64	2,781	17,246	58.3	62.7	31.8	57.7	35.0	54.1	52.8	3.7	54.6	66.6
Dyna-Gro Seed	F74FS23 BMR	5.60	2,739	16,424	59.3	61.7	32.4	58.3	36.9	59.2	57.5	3.9	61.9	75.3
Dyna-Gro Seed	5FS Star	4.98	3,101	13,505	62.3	67.4	36.4	62.7	33.1	53.8	52.2	4.6	56.1	71.8
Dyna-Gro Seed	Super Sile 30	5.63	2,777	13,177	58.6	61.4	30.8	56.5	39.8	65.7	63.8	4.8	57.9	72.7
Scott Seed	S21N924	4.76	2,881	13,076	57.5	65.5	28.9	54.5	33.9	55.0	53.4	3.6	45.0	64.0
Sorghum Partners	SP1727 MS BMR	4.65	2,907	12,245	58.6	64.5	31.7	57.6	37.5	56.6	55.1	4.8	49.5	63.3
Dyna-Gro Seed	F74FS72 BMR	3.28	2,778	10,521	60.6	60.7	34.6	60.7	37.6	62.2	60.5	3.5	63.6	72.6
Average		5.62	2,855	16,001	58.9	63.8	31.6	57.4	36.4	58.1	56.5	4.3	53.6	68.4
LSD at 10% Level		0.87	169	1,842	2.1	2.7	2.9	3.2	3.3	4.4	4.2	0.7	3.6	3.2
Model R-squared		0.80	0.73	0.86	0.82	0.75	0.84	0.83	0.77	0.77	0.77	0.83	0.88	0.82

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

Sample analysis conducted by Dairyland Laboratories, Arcadia, WI.

Nutrient and Elemental Analysis of Sorghum Hybrids for Silage Griffin, Georgia, 2022

Company or Brand Name	Hybrid Name	Dry Yield	Milk Production	Crude Protein	Starch	Sugar)	Fat (EE)	Fat (TFA)	Ash	P	K	Ca	Mg	S	
		tons/ac	lb/ton	lb/acre	----- % DM -----										
Dyna-Gro Seed	Super Sile 20	8.71	2,608	22,565	6.7	3.8	9.6	2.2	0.7	5.4	0.12	0.85	0.27	0.22	0.10
Sorghum Partners	SP1792 BMR	5.37	3,039	18,945	9.1	7.1	10.1	3.1	1.0	5.6	0.19	1.55	0.25	0.21	0.12
Sorghum Partners	SS304	6.86	2,885	18,943	8.6	7.8	7.4	2.6	0.8	5.5	0.18	1.12	0.25	0.24	0.10
Sorghum Partners	SPBD702	5.69	2,954	17,957	9.9	10.9	1.9	2.9	1.0	7.4	0.26	1.79	0.25	0.21	0.14
Sorghum Partners	NK300	6.28	2,812	17,408	9.3	8.7	5.0	2.6	0.9	6.8	0.21	1.60	0.27	0.26	0.12
Sorghum Partners	SPBD703	5.64	2,781	17,246	11.6	10.2	2.6	2.7	1.0	9.6	0.31	2.29	0.34	0.26	0.17
Dyna-Gro Seed	F74FS23 BMR	5.60	2,739	16,424	9.8	4.4	4.4	3.0	0.8	9.0	0.24	2.46	0.32	0.25	0.15
Dyna-Gro Seed	5FS Star	4.98	3,101	13,505	10.0	8.7	6.0	3.0	1.1	5.6	0.20	1.50	0.28	0.25	0.12
Dyna-Gro Seed	Super Sile 30	5.63	2,777	13,177	8.1	0.1	9.2	2.4	0.9	5.8	0.17	1.83	0.27	0.24	0.10
Scott Seed	S21N924	4.76	2,881	13,076	7.2	7.0	13.6	2.8	0.9	6.3	0.17	1.56	0.24	0.19	0.11
Sorghum Partners	SP1727 MS BMR	4.65	2,907	12,245	10.6	8.8	3.4	2.3	0.9	5.9	0.20	0.99	0.37	0.28	0.15
Dyna-Gro Seed	F74FS72 BMR	3.28	2,778	10,521	10.8	0.1	6.1	3.3	1.2	9.5	0.29	2.44	0.37	0.25	0.17
Average		5.62	2,855	16,001	9.3	6.5	6.6	2.7	0.9	6.9	0.21	1.67	0.29	0.24	0.13
LSD at 10% Level		0.87	169	1,842	1.0	3.9	3.0	0.4	0.2	1.0	0.03	0.36	0.05	0.03	0.02
Model R-squared		0.80	0.73	0.86	0.91	0.80	0.79	0.72	0.76	0.92	0.92	0.90	0.80	0.73	0.90

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

Silage analysis conducted by Dairyland Laboratories, Arcadia, WI.

"Milk Production" reprinted from Quality Factors table, based on UW Milk 2013 predicted milk model.

SORGHUM GRAIN

Statewide Summary: Sorghum Grain Performance, Georgia, 2022

Company or Brand Name	Hybrid	Early Plantings				Early	Late
		Tifton	Plains	Griffin	Rome	Average	Tifton
----- bu/acre -----							
Carolina Seed Systems	Exp 001	110.8	101.4	86.4			
Carolina Seed Systems	Exp 002	103.0	104.6	89.7			
Carolina Seed Systems	Exp 003	104.8	104.5	77.8			
Carolina Seed Systems	Launch	98.7	99.6	87.6			
Dekalb	DKS 36-07	97.9	105.7	93.4			
Dekalb	DKS 44-07	109.3	115.9	96.1			
Dekalb	DKS 50-07	108.4	108.6	87.0			
Dekalb	DKS 54-07	122.3	116.6	97.1			
Dyna-Gro Seed	GX22932	61.3	87.7	77.3			
Dyna-Gro Seed	GX22934	103.6	99.9	92.7			
Dyna-Gro Seed	M59GB94	84.8	109.2	81.6			
Dyna-Gro Seed	M60GB31	110.0	95.5	78.3			
Dyna-Gro Seed	M63GB78	120.2	106.6	87.3			
Dyna-Gro Seed	M67GB87	118.9	116.1	102.1			
Dyna-Gro Seed	M71GR91	110.1	114.7	95.4			
Dyna-Gro Seed	M72GB71	126.2	110.6	88.5			
Scott Seed	S75A60	115.6	101.9	115.0			
Scott Seed	S75A90	108.1	90.0	113.2			
Scott Seed	S78N30	102.3	93.8	83.9			
Sorghum Partners	SP 67B17	116.5	97.3	84.4			
Sorghum Partners	SP7715	116.0	117.1	99.5			
Sorghum Partners	SPSC343	82.6	79.8	90.9			
Average		106.2	104.2	91.2			
LSD at 10% Level		12.2	10.1	9.6			
Model R-squared		0.74	0.86	0.57			

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.
Yields calculated as 56 pounds per bushel at 14% moisture.

Tifton, Georgia: Early-Planted Sorghum Grain Performance, 2022, Dryland

Company or Brand Name	Hybrid	Yield bu/acre	Test Weight lb/bu	50% Bloom ¹ days	Plant Height in	Head Height in	Lodging %	Bird Damage ² %
Dyna-Gro Seed	M72GB71	126.2	51.9	.	54	11.0	0	13
Dekalb	DKS 54-07	122.3	50.5	.	52	9.5	1	9
Dyna-Gro Seed	M63GB78	120.2	47.6	.	48	11.0	0	14
Dyna-Gro Seed	M67GB87	118.9	46.7	.	50	10.0	1	9
Sorghum Partners	SP 67B17	116.5	46.1	.	55	12.0	1	10
Sorghum Partners	SP7715	116.0	54.0	.	54	10.5	1	9
Scott Seed	S75A60	115.6	52.1	.	54	9.5	5	11
Carolina Seed Systems	Exp 001	110.8	46.4	.	60	15.0	17	13
Dyna-Gro Seed	M71GR91	110.1	50.0	.	51	11.0	0	10
Dyna-Gro Seed	M60GB31	110.0	47.0	.	48	10.5	7	17
Dekalb	DKS 44-07	109.3	52.2	.	48	9.7	1	10
Dekalb	DKS 50-07	108.4	49.0	.	52	10.5	2	11
Scott Seed	S75A90	108.1	50.6	.	56	10.0	3	14
Carolina Seed Systems	Exp 003	104.8	53.1	.	55	13.0	0	7
Dyna-Gro Seed	GX22934	103.6	44.5	.	53	11.0	6	12
Carolina Seed Systems	Exp 002	103.0	51.4	.	52	11.5	1	9
Scott Seed	S78N30	102.3	51.3	.	51	11.5	1	12
Carolina Seed Systems	Launch	98.7	53.3	.	61	14.1	12	12
Dekalb	DKS 36-07	97.9	45.9	.	51	10.0	2	26
Dyna-Gro Seed	M59GB94	84.8	41.8	.	52	11.0	1	17
Sorghum Partners	SPSC343	82.6	48.8	.	52	11.5	0	18
Dyna-Gro Seed	GX22932	61.3	39.0	.	47	10.0	0	0
Average		106.2	48.9	-	52	11.0	3	12
LSD at 10% Level		12.2	3.2	-	3	1.2	7	5
Model R-squared		0.74	0.81	-	0.84	0.82	0.68	0.82

1. Days from planting to 50% bloom.

2. Percent of grain missing from head. Yield adjusted to include missing grain.

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

Planted: May 3, 2022.

Harvested: August 16, 2022.

Seeding Rate: 80,000 seeds per acre in 36-inch rows.

Soil Type: Tifton loamy sand.

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

Plains, Georgia: Early-Planted Sorghum Grain Performance, 2022, Dryland

Company or Brand Name	Hybrid	Yield bu/acre	Test Weight lb/bu	50% Bloom ¹ days	Plant Height in	Head Height in	Lodging %	Bird Damage ² %
Sorghum Partners	SP7715	117.1	52.5	.	50	11.0	1	0
Dekalb	DKS 54-07	116.6	50.8	.	57	12.0	0	0
Dyna-Gro Seed	M67GB87	116.1	47.5	.	53	11.0	1	4
Dekalb	DKS 44-07	115.9	53.3	.	49	11.0	1	0
Dyna-Gro Seed	M71GR91	114.7	52.8	.	54	11.5	1	0
Dyna-Gro Seed	M72GB71	110.6	50.0	.	51	12.0	1	0
Dyna-Gro Seed	M59GB94	109.2	47.6	.	49	10.0	3	10
Dekalb	DKS 50-07	108.6	53.0	.	55	10.5	1	0
Dyna-Gro Seed	M63GB78	106.6	49.3	.	49	11.0	6	0
Dekalb	DKS 36-07	105.7	48.2	.	49	10.0	1	10
Carolina Seed Systems	Exp 002	104.6	52.2	.	54	13.0	1	0
Carolina Seed Systems	Exp 003	104.5	52.4	.	52	13.5	1	0
Scott Seed	S75A60	101.9	52.5	.	52	9.5	4	0
Carolina Seed Systems	Exp 001	101.4	51.6	.	61	15.0	8	0
Dyna-Gro Seed	GX22934	99.9	48.7	.	54	10.5	2	0
Carolina Seed Systems	Launch	99.6	52.4	.	64	14.5	7	1
Sorghum Partners	SP 67B17	97.3	48.9	.	45	12.5	1	0
Dyna-Gro Seed	M60GB31	95.5	47.8	.	50	9.5	1	0
Scott Seed	S78N30	93.8	52.5	.	54	10.5	1	0
Scott Seed	S75A90	90.0	49.8	.	54	10.0	11	0
Dyna-Gro Seed	GX22932	87.7	43.9	.	45	10.0	0	0
Sorghum Partners	SPSC343	79.8	50.5	.	49	12.0	19	1
Average		104.2	50.6	-	52	11.3	3	1
LSD at 10% Level		10.1	1.8	-	3	1.1	6	4
Model R-squared		0.86	0.86	-	0.90	0.76	0.68	0.69

1. Days from planting to 50% bloom.

2. Percent of grain missing from head. Yield adjusted to include missing grain.

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

Planted: May 13, 2022.

Harvested: August 23, 2022.

Seeding Rate: 80,000 seeds per acre in 36-inch rows.

Soil Type: Greenville sandy loam.

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

Griffin, Georgia: Early-Planted Sorghum Grain Performance, 2022, Dryland

Company or Brand Name	Hybrid	Yield bu/acre	Test Weight lb/bu	50% Bloom ¹ days	Plant Height in	Head Exertion in	Lodging %	Bird Damage ² %
Scott Seed	S75A60	115.0	53.5	72.5	47	4.7	0	0
Scott Seed	S75A90	113.2	51.6	71.0	51	5.5	0	0
Dyna-Gro Seed	M67GB87	102.1	48.4	63.1	48	6.7	0	0
Sorghum Partners	SP7715	99.5	51.2	71.9	48	5.8	0	0
Dekalb	DKS 54-07	97.1	51.0	69.7	44	6.3	0	0
Dekalb	DKS 44-07	96.1	51.6	62.9	36	1.3	0	0
Dyna-Gro Seed	M71GR91	95.4	52.2	66.6	43	7.4	0	0
Dekalb	DKS 36-07	93.4	51.5	59.2	36	1.2	0	0
Dyna-Gro Seed	GX22934	92.7	49.8	66.4	42	4.0	0	0
Sorghum Partners	SPSC343	90.9	49.1	62.0	42	4.9	0	0
Carolina Seed Systems	Exp 002	89.7	48.9	70.5	48	6.8	0	0
Dyna-Gro Seed	M72GB71	88.5	47.9	67.7	46	4.8	0	0
Carolina Seed Systems	Launch	87.6	51.7	70.1	50	5.7	0	0
Dyna-Gro Seed	M63GB78	87.3	42.9	62.3	35	1.2	0	0
Dekalb	DKS 50-07	87.0	48.0	66.8	42	4.5	0	0
Carolina Seed Systems	Exp 001	86.4	51.8	69.1	52	5.8	0	0
Sorghum Partners	SP 67B17	84.4	46.6	62.0	40	2.8	0	0
Scott Seed	S78N30	83.9	50.9	70.5	47	5.5	0	0
Dyna-Gro Seed	M59GB94	81.6	48.0	56.3	37	1.2	0	0
Dyna-Gro Seed	M60GB31	78.3	44.6	61.8	37	3.3	0	0
Carolina Seed Systems	Exp 003	77.8	49.4	70.0	49	6.2	0	0
Dyna-Gro Seed	GX22932	77.3	47.0	56.7	36	0.1	0	0
Average		91.2	49.5	65.8	43	4.2	0	0
LSD at 10% Level		9.6	1.9	2.6	3	2.2	-	-
Model R-squared		0.57	0.67	0.86	0.89	0.74	-	-

1. Days from planting to 50% bloom.

2. Percent of grain head damaged.

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 9, 2022.

Harvested: October 5, 2022.

Seeding Rate: 80,000 seeds per acre in 7-inch rows.

Soil Type: Cecil gravelly sandy loam.

Soil Test: $P_2O_5 = 36$ lbs, $K_2O = 272$ lbs, and $pH = 6.7$.

Fertilization: Preplant: 35 lb N, 104 lb P_2O_5 , and 135 lb K_2O /acre. Topdress: 50 lb N/acre.

Previous Crop:

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

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