

Griffin, Georgia: Corn Grain Performance, 2024, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Test Weight lbs/bu	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
Innvictis	A1542T	115	297	14.6	59.1	.	32,852	.
Dyna-Gro	D60TC45	120	297	15.4	58.6	.	31,971	.
SEEDWAY	SW 1661SS	116	294	14.3	58.9	.	32,802	.
Revere Seed	1627 TC	116	294	14.4	58.3	.	32,944	.
SEEDWAY	SW 1880TR	119	292	15.5	58.1	.	31,130	.
Innvictis	A1792T	117	290	14.4	59.5	.	32,679	.
DEKALB	DKC66-06 TRE	116	288	13.7	58.8	.	33,507	.
Dyna-Gro	D58TC94	118	285	15.6	59.9	.	34,041	.
Innvictis	A1993T	119	285	16.7	57.6	.	33,182	.
DEKALB	DKC68-35 VT2P	118	284	14.3	60.2	.	31,278	.
Progeny	PGY 9117 VT2P	117	283	14.1	60.6	.	33,188	.
BH Genetics	X24001TRE	117	282	15.1	59.9	.	32,600	.
INTEGRA	CX441112 PCE	112	281	13.5	58.1	.	30,990	.
Pioneer	P1511YHR	115	279	14.6	59.3	.	31,840	.
INTEGRA	6915 TRE	119	279	15.3	57.6	.	32,451	.
INTEGRA	6410R	114	277	14.0	56.7	.	33,528	.
AgraTech	807TRE	118	277	13.8	59.2	.	31,416	.
Croplan	5760	117	276	14.4	58.4	.	31,821	.
Croplan	5893	118	276	14.5	69.4	.	31,827	.
Revere Seed	114-P35	114	274	12.9	59.2	.	32,243	.
Progeny	PGY 9114 VT2P	114	272	13.3	58.7	.	33,047	.
Progeny	PGY 2215 TRE	115	272	14.2	60.4	.	32,654	.
BH Genetics	X24004TRE	116	272	15.6	58.6	.	32,454	.
Progeny	PGY 2314 TRE	114	271	15.4	56.9	.	33,273	.
Pioneer	P17677YHR	117	267	13.8	59.7	.	30,289	.
Innvictis	A1551VT2P	115	267	13.6	56.5	.	33,382	.
SEEDWAY	SW 1579VT	115	265	14.5	58.0	.	32,605	.
DEKALB	DKC68-67 RR2	118	263	14.7	57.3	.	31,920	.
DEKALB	DKC70-45 VT2P	120	263	14.8	60.0	.	29,252	.
NK Brand	1386-VZ	115	262	13.1	59.1	.	35,269	.
Dyna-Gro	D58VC65	118	261	14.3	78.8	.	28,527	.
BH Genetics	X23048VT2P	115	260	14.8	59.5	.	32,410	.
Dyna-Gro	D56TC44	116	260	13.9	59.3	.	32,312	.
BH Genetics	BH 8939TRE	119	259	14.8	60.2	.	29,770	.
Revere Seed	1839 TC	118	257	15.1	58.1	.	32,315	.
INTEGRA	6493 VT2P	114	256	14.5	58.5	.	28,321	.
INTEGRA	6864R	118	252	14.1	58.7	.	29,478	.
Revere Seed	1307 TC	113	252	12.9	58.4	.	31,906	.
AgraTech	704VT2P	115	251	14.7	60.5	.	28,860	.
Progeny	PGY 2010 TRE	110	249	13.0	57.0	.	31,879	.
Progeny	PGY 2118 VT2P	118	248	15.2	60.5	.	30,085	.
INTEGRA	6641 SS	116	246	13.8	58.2	.	31,578	.
DEKALB	DKC62-05 RR2	112	243	13.3	58.4	.	29,542	.
DEKALB	DKC63-56 RR2	113	238	13.5	58.0	.	29,834	.
BH Genetics	BH 8412RR	114	236	13.9	59.2	.	34,681	.
DEKALB	DKC68-94 RR2	118	225	16.5	59.6	.	30,620	.
Croplan	5678	116	214	13.8	58.6	.	31,178	.
SEEDWAY	SW 1600VT	116	212	13.5	58.7	.	29,955	.

Griffin, Georgia:
Corn Grain Performance, 2024, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Relative Maturity days	Yield bu/acre	Grain Moisture %	Test Weight lbs/bu	Ears/ 100 plants no.	Actual Population plants/acre	Lodging %
Average			266	14.4	59.4	-	31,785	-
LSD at 10% Level			27	0.9	3.9	-	2,410	-
Model R-squared			0.87	0.97	0.92	-	0.95	-
C.V.			9.7	6.0	6.2	-	7.18	-

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

Planted: April 8, 2024.

Harvested: September 5, 2024.

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

Soil Type: Cecil sandy loam.

Previous Crop: Soybeans.

Soil Test: $P_2O_5 = 84$ lbs, $K_2O = 375$ lbs, and $pH = 6.2$.

Fertilization: Preplant: 125 lb N, 250 lb P_2O_5 , and 275 lb K_2O /acre. Sidedress: 205 lb N/acre.

Tillage: Conventional.

Herbicides: Atrazine, Warrant, and Round-up.

Test conducted by J. Arrington, G. Ware, and S. Brannon.