

Midville, 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/ plant no.	Actual Population plants/acre	Lodging %
Revere Seed	1839 TC	118	325	14.4	52.6	.	.	.
Dyna-Gro	D60TC45	120	311	13.7	52.2	.	.	.
Innvictis	A1993T	119	310	14.2	53.7	.	.	.
INTEGRA	6915 TRE	119	303	14.6	53.0	.	.	.
SEEDWAY	SW 1880TR	119	303	14.1	55.6	.	.	.
DEKALB	DKC70-45 VT2P	120	295	14.2	54.5	.	.	.
DEKALB	DKC66-06 TRE	116	293	13.2	50.9	.	.	.
Innvictis	A1792T	117	291	14.4	55.8	.	.	.
Croplan	5893	118	290	13.9	55.3	.	.	.
BH Genetics	X24001TRE	117	289	14.1	56.1	.	.	.
Revere Seed	1307 TC	113	288	12.9	52.9	.	.	.
Innvictis	A1542T	115	287	13.9	53.0	.	.	.
BH Genetics	X23048VT2P	115	287	13.2	54.1	.	.	.
Pioneer	P1511YHR	115	287	14.4	56.5	.	.	.
Dyna-Gro	D58TC94	118	286	14.6	55.9	.	.	.
Revere Seed	1627 TC	116	285	14.0	53.9	.	.	.
Progeny	PGY 2314 TRE	114	285	14.6	51.2	.	.	.
Innvictis	A1551VT2P	115	282	13.1	52.7	.	.	.
INTEGRA	6864R	118	281	15.0	52.3	.	.	.
DEKALB	DKC68-35 VT2P	118	281	13.5	56.7	.	.	.
DEKALB	DKC68-94 RR2	118	281	14.5	55.7	.	.	.
Croplan	5678	116	279	14.4	53.0	.	.	.
BH Genetics	X24004TRE	116	278	14.3	54.4	.	.	.
SEEDWAY	SW 1661SS	116	278	13.6	56.3	.	.	.
Progeny	PGY 9114 VT2P	114	277	12.7	52.9	.	.	.
INTEGRA	6493 VT2P	114	277	14.3	55.4	.	.	.
AgraTech	807TRE	118	272	13.5	58.0	.	.	.
Progeny	PGY 2118 VT2P	118	271	14.4	55.8	.	.	.
DEKALB	DKC68-67 RR2	118	271	14.4	54.0	.	.	.
Pioneer	P17677YHR	117	270	13.6	54.8	.	.	.
Progeny	PGY 9117 VT2P	117	269	14.7	52.7	.	.	.
BH Genetics	BH 8939TRE	119	269	14.6	53.8	.	.	.
INTEGRA	6641 SS	116	267	13.8	55.1	.	.	.
DEKALB	DKC63-56 RR2	113	267	13.1	53.7	.	.	.
INTEGRA	6410R	114	267	12.3	54.3	.	.	.
NK Brand	1386-VZ	115	267	13.3	53.3	.	.	.
AgraTech	704VT2P	115	265	14.2	57.1	.	.	.
Revere Seed	114-P35	114	261	13.1	52.7	.	.	.
Dyna-Gro	D58VC65	118	258	13.0	54.3	.	.	.
SEEDWAY	SW 1579VT	115	257	13.6	53.7	.	.	.
Croplan	5760	117	251	14.7	53.4	.	.	.
Progeny	PGY 2010 TRE	110	251	12.9	52.1	.	.	.
INTEGRA	CX441112 PCE	112	251	13.6	52.9	.	.	.
Progeny	PGY 2215 TRE	115	250	14.5	56.2	.	.	.
Dyna-Gro	D56TC44	116	247	14.0	52.4	.	.	.
BH Genetics	BH 8412RR	114	247	12.9	55.3	.	.	.
SEEDWAY	SW 1600VT	116	238	13.1	52.4	.	.	.
DEKALB	DKC62-05 RR2	112	235	12.4	54.0	.	.	.

Midville, Georgia:

Corn Grain Performance, 2024, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Relative Maturity	Yield	Grain Moisture	Test Weight	Ears/ 100 plants	Actual Population	Lodging
		days	bu/acre	%	lbs/bu	no.	plants/acre	%
Average			276	13.8	54.1	-	-	-
LSD at 10% Level			23	0.5	1.8	-	-	-
Model R-squared			0.71	0.79	0.71	-	-	-
C.V.			7.7	3.1	3.1	-	-	-

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

Planted: April 8, 2024.

Harvested: August 28, 2024.

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

Soil Type: Dothan sandy loam.

Soil Test: $P_2O_5 = 110$ lbs, $K_2O = 200$ lbs, and $pH = 6.6$.

Fertilization: Preplant: 100 lb N, 10 lb S, 113 lb P_2O_5 , and 200 lb K_2O /acre. Sidedress: 268 lb N and 0 lb S/acre.

Tillage: Conventional.

Herbicides: Glyphosate, atrazine and Warrant.

Nematicide: Telone II

Irrigation: 11.9 inches.

Test conducted by M. Cofield, W. Mosteller, D. Dunn, J. Lanier, R. Milton and T. Woodward.