

Rome, 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 %
INTEGRA	6493 VT2P	114	157	13.9	53.0	.	.	.
Revere Seed	1627 TC	116	150	14.4	43.0	.	.	.
BH Genetics	X23048VT2P	115	140	14.1	43.9	.	.	.
Progeny	PGY 2215 TRE	115	138	14.3	58.9	.	.	.
Croplan	5760	117	136	13.8	48.4	.	.	.
INTEGRA	6915 TRE	119	136	14.0	44.4	.	.	.
Revere Seed	1839 TC	118	130	13.3	50.2	.	.	.
Progeny	PGY 2314 TRE	114	129	13.4	43.2	.	.	.
Innvictis	A1792T	117	127	14.4	49.6	.	.	.
Dyna-Gro	D58TC94	118	126	13.3	40.2	.	.	.
Progeny	PGY 2118 VT2P	118	126	13.3	43.7	.	.	.
DEKALB	DKC70-45 VT2P	120	124	13.1	48.3	.	.	.
INTEGRA	CX441112 PCE	112	123	12.9	42.7	.	.	.
INTEGRA	6641 SS	116	122	13.5	33.7	.	.	.
Revere Seed	1307 TC	113	119	13.2	47.8	.	.	.
SEEDWAY	SW 1579VT	115	118	12.4	39.4	.	.	.
NK Brand	1386-VZ	115	118	11.8	32.6	.	.	.
SEEDWAY	SW 1880TR	119	114	13.1	35.3	.	.	.
AgraTech	704VT2P	115	114	12.7	38.8	.	.	.
BH Genetics	X24004TRE	116	114	12.2	39.9	.	.	.
DEKALB	DKC66-06 TRE	116	110	13.1	47.5	.	.	.
Dyna-Gro	D60TC45	120	110	12.3	35.4	.	.	.
DEKALB	DKC68-67 RR2	118	108	12.7	30.8	.	.	.
Revere Seed	114-P35	114	108	12.3	40.1	.	.	.
AgraTech	807TRE	118	107	12.5	25.7	.	.	.
Progeny	PGY 9117 VT2P	117	107	13.5	42.8	.	.	.
DEKALB	DKC68-35 VT2P	118	106	13.1	32.9	.	.	.
Croplan	5678	116	106	13.6	36.3	.	.	.
Dyna-Gro	D56TC44	116	104	13.3	34.0	.	.	.
SEEDWAY	SW 1600VT	116	103	12.1	40.4	.	.	.
Progeny	PGY 2010 TRE	110	103	11.3	39.5	.	.	.
INTEGRA	6410R	114	100	11.5	36.4	.	.	.
BH Genetics	BH 8412RR	114	99	12.0	38.1	.	.	.
Innvictis	A1993T	119	99	13.3	31.3	.	.	.
Innvictis	A1551VT2P	115	96	11.8	33.6	.	.	.
INTEGRA	6864R	118	93	12.9	28.9	.	.	.
BH Genetics	X24001TRE	117	88	12.3	27.9	.	.	.
Croplan	5893	118	88	12.6	24.0	.	.	.
Pioneer	P17677YHR	117	87	11.5	49.9	.	.	.
Dyna-Gro	D58VC65	118	86	13.2	33.2	.	.	.
DEKALB	DKC63-56 RR2	113	84	12.0	28.8	.	.	.
DEKALB	DKC68-94 RR2	118	83	14.7	32.8	.	.	.
Innvictis	A1542T	115	81	12.5	20.3	.	.	.
DEKALB	DKC62-05 RR2	112	79	11.2	34.9	.	.	.
Progeny	PGY 9114 VT2P	114	79	11.9	31.2	.	.	.
BH Genetics	BH 8939TRE	119	79	12.3	22.4	.	.	.
SEEDWAY	SW 1661SS	116	73	12.3	17.1	.	.	.
Pioneer	P1511YHR	115	57	10.7	7.0	.	.	.

Rome, 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			108	12.8	37.1	-	-	-
LSD at 10% Level			20	0.8	11.1	-	-	-
Model R-squared			0.65	0.65	0.57	-	-	-
C.V.			17.8	6.2	28.3	-	-	-

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

Planted: April 25, 2024.

Harvested: September 17, 2024.

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

Soil Type: Etowah loam.

Previous Crop: Soybeans.

Soil Test: P_2O_5 = 104 lbs, K_2O = 316 lbs, and pH = 6.2.

Fertilization: Preplant: 70 lb N, 0 lb P_2O_5 , and 240 lb K_2O /acre. Sidedress: 280 lb N/acre.

Tillage: Conventional.

Herbicides: Atrazine, Warrant, and Round-up.

Test conducted by J. Arrington, G. Ware, M. Tucker, and T. Turnquist.