

Plains, 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 %
DEKALB	DKC70-45 VT2P	120	285	13.1	61.4	99.2	34,220	0
AgraTech	704VT2P	115	277	13.2	61.6	100.4	35,637	0
Croplan	5893	118	276	13.6	60.3	100.0	34,692	4
Dyna-Gro	D58TC94	118	271	13.5	60.1	99.6	34,605	1
Innvictis	A1792T	117	271	13.9	61.3	100.4	34,304	1
INTEGRA	6915 TRE	119	270	13.1	59.1	99.6	35,080	0
DEKALB	DKC68-67 RR2	118	268	13.3	60.8	101.2	33,828	1
Dyna-Gro	D60TC45	120	266	14.0	58.3	100.0	34,208	1
AgraTech	807TRE	118	264	13.0	60.0	99.2	33,769	0
DEKALB	DKC68-35 VT2P	118	260	13.4	61.5	100.0	34,140	5
Revere Seed	1839 TC	118	260	13.0	57.6	101.7	34,300	1
SEEDWAY	SW 1880TR	119	254	13.1	57.8	100.0	35,928	3
Revere Seed	114-P35	114	254	11.9	59.6	100.4	34,458	1
BH Genetics	X24001TRE	117	252	13.9	60.9	100.0	33,370	1
Pioneer	P17677YHR	117	248	12.6	60.6	102.3	31,051	2
INTEGRA	6493 VT2P	114	247	12.6	59.1	101.2	34,724	6
Progeny	PGY 2118 VT2P	118	244	14.1	61.4	100.0	33,844	1
Innvictis	A1993T	119	242	13.7	57.4	100.4	34,684	0
Progeny	PGY 9114 VT2P	114	242	12.4	60.0	99.6	33,849	0
SEEDWAY	SW 1661SS	116	242	12.4	60.5	100.4	36,528	1
INTEGRA	CX441112 PCE	112	242	12.6	58.2	100.0	33,516	2
Dyna-Gro	D56TC44	116	240	12.2	57.9	99.6	32,407	3
DEKALB	DKC63-56 RR2	113	239	12.4	60.0	101.7	34,179	0
Innvictis	A1551VT2P	115	239	12.9	57.4	100.0	34,767	0
Revere Seed	1627 TC	116	235	12.5	58.0	100.0	33,539	1
BH Genetics	X24004TRE	116	235	13.2	60.6	100.0	34,280	0
DEKALB	DKC62-05 RR2	112	235	11.8	60.4	100.0	34,035	1
BH Genetics	X23048VT2P	115	235	13.1	60.4	99.6	34,470	0
Progeny	PGY 2215 TRE	115	234	13.5	61.5	98.8	34,797	0
Revere Seed	1307 TC	113	233	12.4	58.6	100.4	34,842	0
Croplan	5678	116	232	12.1	59.2	98.3	32,831	0
Dyna-Gro	D58VC65	118	230	12.2	59.2	99.6	32,972	1
DEKALB	DKC66-06 TRE	116	229	12.6	58.3	100.0	33,623	0
INTEGRA	6410R	114	227	12.3	57.2	99.2	34,032	0
Progeny	PGY 2314 TRE	114	227	12.7	58.9	99.6	34,602	5
INTEGRA	6864R	118	227	13.2	60.0	100.4	33,877	0
SEEDWAY	SW 1579VT	115	226	12.8	59.3	100.0	34,440	1
DEKALB	DKC68-94 RR2	118	225	14.3	59.7	100.0	33,693	1
Innvictis	A1542T	115	224	12.4	59.3	97.5	33,607	2
Progeny	PGY 2010 TRE	110	221	12.4	57.4	95.7	33,184	0
Progeny	PGY 9117 VT2P	117	218	13.1	60.1	101.3	34,316	5
INTEGRA	6641 SS	116	218	12.5	58.5	99.1	32,168	2
Pioneer	P1511YHR	115	217	13.0	60.4	100.0	32,004	0
BH Genetics	BH 8939TRE	119	217	14.1	58.9	99.1	34,126	2
Croplan	5760	117	216	12.5	57.4	99.6	34,571	2
NK Brand	1386-VZ	115	210	12.5	59.2	100.0	34,590	0
SEEDWAY	SW 1600VT	116	203	12.8	59.3	91.0	30,502	2
BH Genetics	BH 8412RR	114	197	12.2	59.7	97.2	31,330	2

Plains, 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			240	12.9	59.5	99.7	33,927	1
LSD at 10% Level			19	0.3	0.9	1.7	1,091	-
Model R-squared			0.67	0.85	0.77	0.61	0.59	-
C.V.			7.3	2.4	1.4	1.7	3.1	-

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

Planted: April 10, 2024.

Harvested: August 30, 2024.

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

Soil Type: Greenville sandy clay loam.

Previous Crop: Cotton.

Soil Test: $P_2O_5 = 34$ lbs, $K_2O = 158$ lbs, and $pH = 6.5$.

Fertilization: Preplant: 0 lb N, 10 lb S, 140 lb P_2O_5 , and 170 lb K_2O /acre. Sidedress: 300 lb N and 0 lb S/acre.

Tillage: Conventional.

Herbicides: Round-Up, atrazine, and Dual.

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