TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Greenville
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Dyna-Gro	D56TC44	Genuity Trecepta	74	106	43	24,829	11.7	58.3	206
Innvictis	A1542T	Genuity Trecepta	75	105	38	24,297	11.8	58.5	205
Innvictis	A1792T	Genuity Trecepta	76	101	39	24,248	15.3	60.0	199
Innvictis	A1551VT2P	Genuity VT Double PRO	76	102	37	25,483	12.0	56.6	195
DEKALB	DKC 69-99TRE	Genuity Trecepta	75	106	48	23,740	15.4	60.8	195
Integra	6342	Genuity Trecepta	75	107	40	23,522	11.9	58.0	195
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	75	102	33	24,176	13.7	59.8	193
Progeny	PGY9117VT2P	Genuity VT Double PRO	76	110	41	23,740	12.1	59.0	192
Innvictis	A1689T	Genuity Trecepta	75	104	37	24,490	12.1	60.1	191
Dyna-Gro	D57TC29	Genuity Trecepta	76	111	40	25,483	11.3	57.5	184
Integra	6624	Genuity Trecepta	75	103	39	24,248	12.2	57.9	183
Integra	6641SS	SmartStax	76	99	38	24,466	12.8	58.2	182
Integra	6493	Genuity Trecepta	76	104	37	22,869	12.9	58.7	180
Integra	CX301119	Genuity VT Double PRO	76	102	39	23,595	13.8	57.6	179
Integra	6533VT	Genuity VT Double PRO	74	103	40	24,321	14.1	58.7	178
Dyna-Gro	D54VC14	Genuity VT Double PRO	74	96	36	21,877	11.4	58.3	175
Integra	6410	SmartStax	75	94	35	23,595	12.3	59.1	172
Dyna-Gro	D58VC65	Genuity VT Double PRO	75	98	36	22,506	11.8	58.9	170
LG Seeds	64C30TRC	Genuity Trecepta	75	111	41	22,845	12.0	58.6	169
Progeny	PGY2118VT2P	Genuity VT Double PRO	76	102	40	22,796	17.0	59.6	169
Stine	9752-32	Agrisure Duracade Viptera	76	99	37	24,103	9.7	56.5	150

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Greenville
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Progeny	PGY2215TRE	Genuity Trecepta	76	108	38	22,288	14.2	58.8	149
Stine	9818-32	Agrisure Duracade Viptera	76	104	39	22,796	10.8	58.3	149

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Greenville
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean		75	103	39	23,753	12.7	58.6	181
	C.V. %		1.1	4.7	9.8	6.1	6.9	0.7	7.4
	P>f (hybrid)		0.001	0.001	0.014	0.065	0.000	0.000	0.000
	L.S.D.		1.2	7.1	5.9		1.3	0.6	20.1

Agronomic information

Plant Date	3/29/2023
Harvest Date	8/15/2023
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	24,000
Precipitation (in)	19.08
Irrigation (in)	

Herbicide

1 qt/ac Atrex + 56 oz/ac Acuron GT

Soil Type	Houston Black clay
Tillage	Conventional
Previous Crop	Wheat

Trial Notes

Cooperator: Texas A&M AgriLife

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

For additional information contact:
Dr. Ronnie Schnell / Katrina Horn
ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied

N (lb/ac)	150
P2O5 (lb/ac)	0
K2O (lb/ac)	0
S (lb/ac)	8
Zn (lb/ac)	0

Soil Analysis Report**

NO3-N (ppm)	11	pH	5.6
P (ppm)*	52	Conductivity (umho/cm)	87
K (ppm)*	280	Ca (ppm)*	7,122
S (ppm)*	42	Mg (ppm)*	484
		Na (ppm)*	89

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

Corn
Greenville
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Wilbur-Ellis Company	Integra	6342	138	
Bayer	DEKALB	DKC 69-99TRE	135	
Progeny Ag Products	Progeny	PGY9117VT2P	127	
Wilbur-Ellis Company	Integra	6533VT	125	
Nutrien Ag	Dyna-Gro	D54VC14	125	
Wilbur-Ellis Company	Integra	6641SS	124	
Nutrien Ag	Dyna-Gro	D57TC29	122	
Progeny Ag Products	Progeny	PGY2118VT2P	120	
Wilbur-Ellis Company	Integra	6410	120	
LG Seeds	LG Seeds	64C30TRC	119	
Progeny Ag Products	Progeny	PGY2215TRE	109	

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.