

Spearman 2022 Corn Performance Trial

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)
DEKALB	DKC 69-99TRE	Genuity Trecepta	N/A	102	47	31,185	15.6	57.2	272
LG Seeds	66C32STX	SmartStax	N/A	94	44	33,724	14.8	61.3	269
Integra	CX001117TRE	Genuity Trecepta	N/A	110	44	33,162	16.6	56.3	268
Croplan	CP5760TRE	Genuity Trecepta	N/A	99	43	32,413	17.6	57.1	265
LG Seeds	65C14TRC	Genuity Trecepta	N/A	103	45	31,389	17.2	55.7	265
Integra	6342TRE	Genuity Trecepta	N/A	96	40	30,984	13.4	59.2	257
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	N/A	95	46	31,032	14.2	59.0	255
LG Seeds	5643VT2RIB	Genuity VT Double PRO RIB	N/A	101	43	33,509	13.6	56.3	250
Integra	6720SS	Genuity SmartStax	N/A	104	47	33,067	14.8	60.2	248
Dyna-Gro	D58VC65	Genuity VT Double PRO	N/A	97	42	32,459	13.7	59.7	244
Integra	6493VT	Genuity VT Double PRO	N/A	96	41	31,249	12.5	56.6	241
LG Seeds	66C44VT2PRO	Genuity VT Double PRO	N/A	95	44	32,459	14.5	57.3	239
Dyna-Gro	D54VC34	Genuity VT Double PRO	N/A	97	44	30,319	12.4	56.5	238
Integra	6641SS	SmartStax	N/A	99	47	31,546	15.0	58.0	235
LG Seeds	67C91VT2PRO	Genuity VT Double PRO	N/A	95	41	31,897	18.6	59.1	235
Croplan	X20117C/VT2P	Genuity VT Double PRO	N/A	94	41	31,546	18.2	59.7	234
DEKALB	DKC 68-48SS	Genuity SmartStax	N/A	104	47	32,038	14.8	58.9	234
Integra	6410SS	SmartStax	N/A	93	42	30,533	12.1	59.8	233
Dyna-Gro	D52VC63	Genuity VT Double PRO	N/A	98	41	32,793	12.8	57.0	230
Dyna-Gro	D57VC53	Genuity VT Double PRO	N/A	100	43	31,827	19.2	59.4	227
DEKALB	DKC 67-94TRE	Genuity Trecepta	N/A	95	43	33,654	14.1	55.2	223

*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

Spearman 2022 Corn Performance Trial



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)
Integra	6811VT	Genuity VT Double PRO	N/A	100	41	31,204	18.1	59.2	223
Dyna-Gro	D55VC80	Genuity VT Double PRO	N/A	98	48	32,836	14.8	57.0	222
Integra	6695TRE	Genuity Trecepta	N/A	98	43	29,850	15.2	58.0	221
LG Seeds	64C30TRC	Genuity Trecepta	N/A	95	45	31,193	11.5	54.9	211

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



Spearman 2022 Corn Performance Trial



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)
Agronomic information			Mean	98	44	31,915	15.0	57.9	242
Plant Date	4/27/2022		C.V. %	7.1	9.0	5.1	7.1	2.2	9.2
Harvest Date	10/4/2022		P>f (hybrid)	0.212	0.139	0.044	0.000	0.000	0.000
Irrigated	Yes		L.S.D.			2,298.1		1.8	23.7
Row Spacing (in)	30	Trial Notes							
Number of Rows	2	Cooperator <input type="text" value="Travis Patterson"/>							
Target Seeds per Acre	32,000	<p>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 January 1 through the harvest date.</p> <p>For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronnie.schnell@agnet.tamu.edu / katrina.horn@agnet.tamu.edu 979-845-2935 / 979-845-8505</p>							
Precipitation (in)	10.1								
Irrigation (in)									
Herbicide									
Soil Type	Perryton silty clay loam	Fertilizer Applied		Soil Analysis Report**					
Tillage		N (lb/ac)		NO3-N (ppm)	59	pH		7.0	
Previous Crop	Cotton	P2O5 (lb/ac)		P (ppm)*	77	Conductivity (umho/cm)		481	
		K2O (lb/ac)		K (ppm)*	521	Ca (ppm)*		2,546	
		S (lb/ac)		S (ppm)*	70	Mg (ppm)*		643	
		Zn (lb/ac)				Na (ppm)*		63	

* Mehlich 3 by ICP, soiltesting.tamu.edu

** Samples collected at planting, some locations may have applied fertilizer

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