

## Dumas 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	CX001117TRE	Genuity Trecepta	77	104	41	34,031	20.0	56.8	294
Croplan	CP5760TRE	Genuity Trecepta	77	106	46	33,124	19.4	56.4	281
DEKALB	DKC 69-99TRE	Genuity Trecepta	78	99	48	32,398	19.7	58.0	275
LG Seeds	65C14TRC	Genuity Trecepta	76	99	44	32,942	17.7	56.8	269
LG Seeds	66C32STX	SmartStax	78	95	44	32,942	18.0	59.4	268
LG Seeds	66C44VT2PRO	Genuity VT Double PRO	78	103	50	32,852	17.3	58.1	267
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	77	97	47	30,398	17.5	58.5	263
Dyna-Gro	D54VC34	Genuity VT Double PRO	77	102	47	31,037	15.7	55.1	259
Integra	6493VT	Genuity VT Double PRO	77	101	43	31,044	14.6	55.3	257
Integra	6641SS	SmartStax	77	93	43	31,725	17.0	56.7	254
Dyna-Gro	D58VC65	Genuity VT Double PRO	76	96	42	32,668	17.2	58.4	253
Dyna-Gro	D55VC80	Genuity VT Double PRO	78	98	47	33,623	16.9	57.5	252
LG Seeds	67C91VT2PRO	Genuity VT Double PRO	78	97	45	32,852	21.7	59.2	252
Croplan	X20117C/VT2P	Genuity VT Double PRO	78	101	47	31,490	19.3	59.2	252
Integra	6720SS	Genuity SmartStax	79	97	47	N/A	17.1	58.9	252
Dyna-Gro	D57VC53	Genuity VT Double PRO	78	100	48	32,670	21.3	58.5	251
Dyna-Gro	D52VC63	Genuity VT Double PRO	77	99	43	33,283	15.4	57.8	247
DEKALB	DKC 67-94TRE	Genuity Trecepta	78	101	46	32,466	16.2	55.1	245
Integra	6695TRE	Genuity Trecepta	76	98	45	31,389	16.5	59.0	241
Integra	6811VT	Genuity VT Double PRO	78	98	45	29,686	21.0	58.5	238
Integra	6342TRE	Genuity Trecepta	76	96	42	29,607	13.9	58.7	234

\*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

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DEKALB	DKC 68-48SS	Genuity SmartStax	77	102	47	32,194	16.6	56.7	230
LG Seeds	64C30TRC	Genuity Trecepta	76	97	47	31,309	14.2	56.5	230
LG Seeds	5643VT2RIB	Genuity VT Double PRO RIB	78	99	47	32,670	16.1	57.0	228
Integra	6410SS	SmartStax	73	93	39	31,377	15.0	57.2	219

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<b>Agronomic information</b>			Mean	77	99	45	17.4	57.6	252
Plant Date	4/27/2022		C.V. %	1.8	3.7	5.6	6.8	1.3	4.7
Harvest Date	10/5/2022		P>f (hybrid)	0.001	0.000	0.000	0.000	0.000	0.000
Irrigated	Yes		L.S.D.	1.9	5.1	3.6	1.7	1.1	18.4
Row Spacing (in)	30		<b>Trial Notes</b>						
Number of Rows	2		<div style="border: 1px solid gray; padding: 5px; min-height: 100px;"> <p>Cooperator <b>Lone Star Family Farms</b></p> <p>Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p &lt; 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> </div>						
Target Seeds per Acre	32,000								
Precipitation (in)	12.2								
Irrigation (in)									
Herbicide									
Soil Type	Sherm clay		<b>Fertilizer Applied</b>		<b>Soil Analysis Report**</b>				
Tillage			N (lb/ac)		NO3-N (ppm)	50	pH	7.1	
Previous Crop			P2O5 (lb/ac)		P (ppm)*	39	Conductivity (umho/cm)	293	
			K2O (lb/ac)		K (ppm)*	522	Ca (ppm)*	2,108	
			S (lb/ac)		S (ppm)*	12	Mg (ppm)*	683	
			Zn (lb/ac)				Na (ppm)*	45	

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