

Dalhart

2023 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 66-06TRE	Genuity Trecepta	N/A	108	44	25,855	18.3	61.1	236
Integra	6624	Genuity Trecepta	N/A	106	43	28,033	17.9	60.5	234
Dyna-Gro	D57TC29	Genuity Trecepta	N/A	106	43	25,293	18.5	60.4	231
Innvictis	A1792T	Genuity Trecepta	N/A	108	47	26,698	18.2	62.1	231
Innvictis	A1542T	Genuity Trecepta	N/A	105	39	26,487	17.7	61.1	230
Dyna-Gro	D54VC34	Genuity VT Double PRO	N/A	107	43	25,574	17.0	61.0	229
Integra	6641SS	SmartStax	N/A	104	47	26,206	19.3	59.8	227
LG Seeds	65C14TRC	Genuity Trecepta	N/A	106	41	25,785	17.6	60.8	225
LG Seeds	64C43VT2	Genuity VT Double PRO	N/A	104	44	27,190	17.3	59.9	224
Integra	6493	Genuity Trecepta	N/A	106	46	24,801	17.1	62.2	223
Innvictis	A1551VT2P	Genuity VT Double PRO	N/A	104	46	28,033	16.9	60.9	223
DEKALB	DKC 70-45VT2	Genuity VT Double PRO	N/A	105	45	23,817	18.4	61.7	222
Innvictis	A1689T	Genuity Trecepta	N/A	102	45	26,558	17.3	62.3	222
Dyna-Gro	D56TC44	Genuity Trecepta	N/A	105	43	25,785	17.8	61.4	222
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	N/A	110	43	25,995	19.7	61.9	221
LG Seeds	66C44STXRIB	Genuity SmartStax RIB Com	N/A	109	48	27,822	17.7	61.5	219
DEKALB	DKC 69-99TRE	Genuity Trecepta	N/A	103	45	26,628	18.4	62.1	218
DEKALB	DKC 63-91VT2	Genuity VT Double PRO	N/A	103	45	26,347	14.8	59.8	216
DEKALB	DKC 62-89TRE	Genuity Trecepta	N/A	105	41	27,049	16.0	60.7	215
Integra	6533VT	Genuity VT Double PRO	N/A	105	43	24,590	17.1	61.5	210
Integra	6342	Genuity Trecepta	N/A	103	41	22,623	15.1	60.6	210

*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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LG Seeds	68C18VT2	Genuity VT Double PRO	N/A	107	46	25,668	18.5	61.5	210
Integra	6410	SmartStax	N/A	102	44	26,417	18.1	61.2	208
Integra	6720	Genuity DG VT Double PRO	N/A	103	41	25,925	17.3		203
LG Seeds	64C30TRC	Genuity Trecepta	N/A	107	41	21,850	17.2	61.6	202
Stine	9752-32	Agrisure Duracade Viptera	N/A	101	39	23,536	15.3	59.1	183
Stine	9818-32	Agrisure Duracade Viptera	N/A	110	41	25,433	16.0	60.8	176

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Agronomic information			Mean	105	43	25,778	17.4	61.0	217
Plant Date	5/10/2023		C.V. %	3.0	8.9	5.9	3.9	1.1	4.9
Harvest Date	10/31/2023		P>f (hybrid)	0.003	0.058	0.000	0.000	0.006	0.000
Irrigated	Yes		L.S.D.	4.5	5.5	2,154.2	1.0	1.4	16.9
Row Spacing (in)	30		Trial Notes						
Number of Rows	2		<div style="border: 1px solid gray; padding: 5px; min-height: 100px;"> <p style="text-align: right; margin: 0;">Cooperator Michael Reinart Farm</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 < 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.</p> <p>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</p> </div>						
Target Seeds per Acre	32,000								
Precipitation (in)	13.85								
Irrigation (in)									
Herbicide									
Soil Type	Sunray loam		Fertilizer Applied		Soil Analysis Report**				
Tillage	Strip-till		N (lb/ac)		NO3-N (ppm)	73	pH	7.2	
Previous Crop	Corn		P2O5 (lb/ac)		P (ppm)*	50	Conductivity (umho/cm)	304	
			K2O (lb/ac)		K (ppm)*	620	Ca (ppm)*	2,849	
			S (lb/ac)		S (ppm)*	38	Mg (ppm)*	720	
			Zn (lb/ac)				Na (ppm)*	46	

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