

College Station 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 68-35VT2	Genuity VT Double PRO	78	81	31	30,056	14.2	59.6	218
Integra	CX301119	Genuity VT Double PRO	77	86	34	31,363	15.6	57.6	217
Progeny	PGY2118VT2P	Genuity VT Double PRO	76	80	29	29,984	16.0	58.4	216
Integra	6624	Genuity Trecepta	76	79	29	30,855	12.1	57.8	211
Innvictis	A1792T	Genuity Trecepta	77	83	32	30,855	14.9	59.4	209
Dyna-Gro	D56TC44	Genuity Trecepta	76	79	29	30,274	13.2	58.4	207
Integra	6342	Genuity Trecepta	75	81	31	29,911	13.5	57.4	202
Dyna-Gro	D57TC29	Genuity Trecepta	76	81	27	31,073	12.5	57.9	202
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	76	79	29	29,621	14.8	60.0	200
Golden Harvest	G14B65	Agrisure Duracade Viptera	79	89	33	32,380	11.6	56.3	200
DEKALB	DKC 69-99TRE	Genuity Trecepta	77	80	33	30,202	16.3	59.8	199
Golden Harvest	G15J91	Agrisure Viptera	77	84	28	31,726	11.0	56.9	197
Dyna-Gro	D54VC14	Genuity VT Double PRO	76	77	27	30,565	12.8	59.1	196
Progeny	PGY9117VT2P	Genuity VT Double PRO	76	81	29	30,637	12.8	59.1	196
Integra	6641SS	SmartStax	76	77	29	29,548	13.9	58.7	194
LG Seeds	64C30TRC	Genuity Trecepta	75	81	27	30,347	12.4	58.3	191
Integra	6493	Genuity Trecepta	78	82	31	29,693	13.8	60.0	191
Dyna-Gro	D58VC65	Genuity VT Double PRO	76	78	28	29,258	12.8	59.6	189
LG Seeds	66C06VT2P	Genuity VT Double PRO	77	84	29	29,911	13.3	57.1	188
Innvictis	A1542T	Genuity Trecepta	77	78	25	30,855	13.0	58.2	188
Innvictis	A1551VT2P	Genuity VT Double PRO	77	77	27	30,492	14.7	57.4	187

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

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Integra	6410	SmartStax	76	75	27	31,073	12.4	59.3	187
LG Seeds	65C14TRC	Genuity Trecepta	75	80	29	30,274	13.7	56.6	185
Golden Harvest	G17B31	Agrisure Viptera	77	78	29	31,581	11.2	57.2	183
Integra	6533VT	Genuity VT Double PRO	75	77	30	30,782	14.8	57.9	183
Innictis	A1462	N/A	76	77	31	30,274	13.4	57.6	179
Progeny	PGY2215TRE	Genuity Trecepta	76	83	31	29,984	14.3	57.9	178
Golden Harvest	G16Q82	Agrisure Duracade Viptera	78	85	30	32,162	11.4	56.6	175
Stine	9818-32	Agrisure Duracade Viptera	79	87	31	31,363	11.8	57.0	173
Stine	9752-32	Agrisure Duracade Viptera	78	77	27	29,766	9.4	55.6	172

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Agronomic information			Mean	76	80	29	30,562	13.2	58.1	194	
Plant Date	2/24/2023		C.V. %	1.2	2.9	8.2	4.7	7.0	0.8	5.6	
Harvest Date	7/18/2023		P>f (hybrid)	0.000	0.000	0.000	0.286	0.000	0.000	0.000	
Irrigated	Yes		L.S.D.	1.3	3.3	3.4		1.3	0.7	15.1	
Row Spacing (in)	30		Trial Notes							Cooperator	Texas A&M AgriLife
Number of Rows	2		<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>								
Target Seeds per Acre	30,000										
Precipitation (in)	16.83										
Irrigation (in)	0										
Herbicide			<p>* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>								
Soil Type	Ships clay		Fertilizer Applied		Soil Analysis Report**						
Tillage	Conventional		N (lb/ac)		NO3-N (ppm)	7	pH		7.7		
Previous Crop	Soybean		P2O5 (lb/ac)		P (ppm)*	18	Conductivity (umho/cm)		56		
			K2O (lb/ac)		K (ppm)*	159	Ca (ppm)*		5,567		
			S (lb/ac)		S (ppm)*	40	Mg (ppm)*		190		
			Zn (lb/ac)				Na (ppm)*		31		

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Corn

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Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Bayer	DEKALB	DKC 69-99TRE	191	197
Progeny Ag Products	Progeny	PGY2118VT2P	189	
LG Seeds	LG Seeds	67C07VT2PRO	187	
Progeny Ag Products	Progeny	PGY9117VT2P	185	
Wilbur-Ellis Company	Integra	6641SS	185	191
Wilbur-Ellis Company	Integra	6342	183	188
Nutrien Ag	Dyna-Gro	D57TC29	181	187
Nutrien Ag	Dyna-Gro	D54VC14	180	184
LG Seeds	LG Seeds	65C14TRC	177	
LG Seeds	LG Seeds	64C30TRC	169	174
Wilbur-Ellis Company	Integra	6410	168	173
Wilbur-Ellis Company	Integra	6533VT	167	171
Progeny Ag Products	Progeny	PGY2215TRE	165	

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.