



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Thrall

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)
Integra	6342	Genuity Trecepta	76	89	30	21,998	6.7	54.6	86
Dyna-Gro	D54VC14	Genuity VT Double PRO	76	84	25	22,433	7.6	56.4	80
LG Seeds	64C30TRC	Genuity Trecepta	78	93	30	20,909	7.7	56.0	78
Dyna-Gro	D57TC29	Genuity Trecepta	78	92	25	21,635	7.6	55.8	77
Integra	6533VT	Genuity VT Double PRO	76	86	31	20,110	8.2	57.0	77
Integra	6493	Genuity Trecepta	77	84	26	20,981	7.8	57.0	76
DEKALB	DKC 69-99TRE	Genuity Trecepta	79	86	31	22,216	8.4	57.0	75
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	78	89	27	22,869	7.8	55.9	75
Dyna-Gro	D56TC44	Genuity Trecepta	79	87	31	22,288	7.5	55.6	74
Integra	6624	Genuity Trecepta	79	88	29	23,522	7.6	55.4	73
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	80	87	31	20,183	8.2	57.2	73
LG Seeds	65C14TRC	Genuity Trecepta	76	87	24	20,836	7.9	55.3	73
Golden Harvest	G16Q82	Agrisure Duracade Viptera	79	90	27	24,248	6.6	53.7	73
Dyna-Gro	D58VC65	Genuity VT Double PRO	77	82	26	19,602	8.0	56.8	72
Progeny	PGY2215TRE	Genuity Trecepta	78	93	27	20,328	9.0	56.5	72
Progeny	PGY2118VT2P	Genuity VT Double PRO	79	87	29	21,417	9.3	57.8	71
Integra	6410	SmartStax	77	82	26	19,675	7.2	55.7	71
Golden Harvest	G14B65	Agrisure Duracade Viptera	78	97	28	23,159	6.4	52.8	68
LG Seeds	66C06VT2P	Genuity VT Double PRO	78	89	31	22,869	7.4	55.1	67
Stine	9818-32	Agrisure Duracade Viptera	79	92	30	21,562	6.6	53.8	65
Integra	CX301119	Genuity VT Double PRO	78	86	28	22,724	7.0	54.3	63

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



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Integra	6641SS	SmartStax	78	83	29	21,780	7.9	55.3	61
Golden Harvest	G15J91	Agrisure Viptera	79	89	28	22,724	6.8	53.9	61
Stine	9752-32	Agrisure Duracade Viptera	77	86	29	21,707	5.6	51.4	60
Golden Harvest	G17B31	Agrisure Viptera	78	81	32	22,433	6.0	52.8	59
Progeny	PGY9117VT2P	Genuity VT Double PRO	78	89	29	20,909	8.1	56.6	56

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Thrall

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)	
Agronomic information			Mean	78	88	28	21,735	7.5	55.4	71
Plant Date	3/13/2023		C.V. %	3.1	4.9	12.5	6.3	8.9	1.3	14.8
Harvest Date	8/3/2023		P>f (hybrid)	0.820	0.000	0.069	0.000	0.000	0.000	0.014
Irrigated	No		L.S.D.		6.1		1,940.9	0.9	1.0	14.7
Row Spacing (in)	30		Trial Notes			Cooperator Stiles Farm Foundation				
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	24,000									
Precipitation (in)	11.93									
Irrigation (in)										
Herbicide										
Soil Type	Burleson clay		<p>* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>			Fertilizer Applied				
Tillage	Conventional		N (lb/ac)		NO3-N (ppm)	24	Soil Analysis Report**			
Previous Crop	Sorghum		P2O5 (lb/ac)		P (ppm)*	45	pH	5.7		
			K2O (lb/ac)		K (ppm)*	114	Conductivity (umho/cm)	74		
			S (lb/ac)		S (ppm)*	33	Ca (ppm)*	3,819		
			Zn (lb/ac)				Mg (ppm)*	533		
							Na (ppm)*	19		

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

Corn Thrall Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Wilbur-Ellis Company	Integra	6342	73	114
Nutrien Ag	Dyna-Gro	D54VC14	69	108
Bayer	DEKALB	DKC 69-99TRE	66	107
Wilbur-Ellis Company	Integra	6410	66	104
Nutrien Ag	Dyna-Gro	D57TC29	65	103
LG Seeds	LG Seeds	65C14TRC	64	
LG Seeds	LG Seeds	67C07VT2PRO	64	
Progeny Ag Products	Progeny	PGY2118VT2P	64	101
LG Seeds	LG Seeds	64C30TRC	63	102
Wilbur-Ellis Company	Integra	6533VT	63	104
Wilbur-Ellis Company	Integra	6641SS	61	104
Progeny Ag Products	Progeny	PGY9117VT2P	60	
Progeny Ag Products	Progeny	PGY2215TRE	56	

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.