

Bardwell

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)
LG Seeds	66C06VT2P	Genuity VT Double PRO	74	116	49	24,176	8.9	57.5	163
Golden Harvest	G17B31	Agrisure Viptera	75	110	46	24,684	8.3	56.7	154
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	77	106	44	21,998	12.3	58.9	150
Progeny	PGY9117VT2P	Genuity VT Double PRO	74	109	44	21,998	10.2	59.7	147
Dyna-Gro	D54VC14	Genuity VT Double PRO	73	103	38	21,853	9.3	58.6	146
Integra	6493	Genuity Trecepta	75	107	39	24,394	11.5	59.5	145
Dyna-Gro	D58VC65	Genuity VT Double PRO	74	101	39	23,087	10.0	58.8	145
Golden Harvest	G16Q82	Agrisure Duracade Viptera	75	111	42	22,361	9.3	56.4	142
Dyna-Gro	D57TC29	Genuity Trecepta	73	116	42	24,176	10.0	58.1	142
Stine	9752-32	Agrisure Duracade Viptera	75	104	42	23,377	7.6	55.9	141
Dyna-Gro	D56TC44	Genuity Trecepta	74	107	42	23,522	9.7	57.6	141
Golden Harvest	G14B65	Agrisure Duracade Viptera	75	114	43	23,377	8.4	56.3	141
Integra	CX301119	Genuity VT Double PRO	75	109	49	24,176	11.4	57.3	138
Progeny	PGY2215TRE	Genuity Trecepta	73	114	45	23,522	12.6	59.1	135
Integra	6533VT	Genuity VT Double PRO	73	106	44	21,998	10.8	58.6	134
DEKALB	DKC 69-99TRE	Genuity Trecepta	75	112	44	22,433	13.4	59.5	132
Stine	9818-32	Agrisure Duracade Viptera	75	110	40	22,869	8.4	56.6	129
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	74	108	44	22,942	12.2	58.6	126
LG Seeds	65C14TRC	Genuity Trecepta	72	109	43	21,780	11.5	56.8	126
Integra	6624	Genuity Trecepta	75	105	41	24,684	9.0	57.1	118
Integra	6641SS	SmartStax	75	102	41	21,490	11.1	57.3	112

*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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Integra	6410	SmartStax	73	102	38	23,813	9.2	59.0	111
LG Seeds	64C30TRC	Genuity Trecepta	73	113	46	23,668	9.2	58.2	108
Golden Harvest	G15J91	Agrisure Viptera	75	109	46	24,490	9.8	57.5	105
Integra	6342	Genuity Trecepta	72	107	41	22,506	9.3	56.2	85
Progeny	PGY2118VT2P	Genuity VT Double PRO	74	113	47	21,707	12.1	59.5	66

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Agronomic information			Mean	74	108	43	23,118	10.2	57.9	130																																				
Plant Date	3/15/2023		C.V. %	1.2	3.1	7.1	7.2	10.2	1.3	15.0																																				
Harvest Date	8/1/2023		P>f (hybrid)	0.000	0.000	0.000	0.080	0.000	0.000	0.000																																				
Irrigated	No		L.S.D.	1.2	4.8	4.4		1.5	1.1	27.9																																				
Row Spacing (in)	30		Trial Notes			Cooperator Steven Beakley																																								
Number of Rows	2		*Storms in early June resulted in hail damage and lodging. While plants were lodged, we were able to pick most of it up.			<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)	12.54																																													
Irrigation (in)																																														
Herbicide	4 oz/ac Zidua		* Mehlich 3 by ICP, soiltesting.tamu.edu			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f2f2f2;"> <th colspan="2">Fertilizer Applied</th> <th colspan="4">Soil Analysis Report**</th> </tr> </thead> <tbody> <tr> <td>N (lb/ac)</td> <td style="text-align: center;">156</td> <td>NO3-N (ppm)</td> <td style="text-align: center;">37</td> <td>pH</td> <td style="text-align: center;">7.4</td> </tr> <tr> <td>P2O5 (lb/ac)</td> <td style="text-align: center;">23</td> <td>P (ppm)*</td> <td style="text-align: center;">38</td> <td>Conductivity (umho/cm)</td> <td style="text-align: center;">103</td> </tr> <tr> <td>K2O (lb/ac)</td> <td style="text-align: center;">34</td> <td>K (ppm)*</td> <td style="text-align: center;">380</td> <td>Ca (ppm)*</td> <td style="text-align: center;">13,119</td> </tr> <tr> <td>S (lb/ac)</td> <td style="text-align: center;">4</td> <td>S (ppm)*</td> <td style="text-align: center;">71</td> <td>Mg (ppm)*</td> <td style="text-align: center;">152</td> </tr> <tr> <td>Zn (lb/ac)</td> <td style="text-align: center;">2</td> <td></td> <td></td> <td>Na (ppm)*</td> <td style="text-align: center;">9</td> </tr> </tbody> </table>					Fertilizer Applied		Soil Analysis Report**				N (lb/ac)	156	NO3-N (ppm)	37	pH	7.4	P2O5 (lb/ac)	23	P (ppm)*	38	Conductivity (umho/cm)	103	K2O (lb/ac)	34	K (ppm)*	380	Ca (ppm)*	13,119	S (lb/ac)	4	S (ppm)*	71	Mg (ppm)*	152	Zn (lb/ac)	2			Na (ppm)*	9
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Soil Type	Branyon clay		** Samples collected at planting, some locations may have applied fertilizer																																											
Tillage	Conventional																																													
Previous Crop	Wheat																																													

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Corn Bardwell Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Nutrien Ag	Dyna-Gro	D54VC14	93	108
Nutrien Ag	Dyna-Gro	D57TC29	91	108
Progeny Ag Products	Progeny	PGY9117VT2P	88	
Bayer	DEKALB	DKC 69-99TRE	87	100
Progeny Ag Products	Progeny	PGY2215TRE	87	
Wilbur-Ellis Company	Integra	6533VT	86	90
LG Seeds	LG Seeds	65C14TRC	81	
LG Seeds	LG Seeds	67C07VT2PRO	79	
LG Seeds	LG Seeds	64C30TRC	75	97
Wilbur-Ellis Company	Integra	6410	74	92
Wilbur-Ellis Company	Integra	6342	72	104
Wilbur-Ellis Company	Integra	6641SS	72	96
Progeny Ag Products	Progeny	PGY2118VT2P	51	

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.