



TEXAS A&M UNIVERSITY  
Soil & Crop Sciences

# Bardwell 2024 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	6915TRE	Genuity Trecepta	84	90	32	23,377	13.9	57.7	156
Integra	6342TRE	Genuity Trecepta	81	83	28	21,998	13.0	58.8	156
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	86	84	29	22,651	13.6	59.7	156
Dyna-Gro	D58TC94	Genuity Trecepta	84	87	29	23,813	13.2	60.2	152
Dyna-Gro	D54VC14	Genuity VT Double PRO	81	84	25	21,635	12.8	59.4	151
Dyna-Gro	D56TC44	Genuity Trecepta	84	86	30	22,579	13.6	58.4	147
DEKALB	DKC 69-99TRE	Genuity Trecepta	84	86	30	23,450	13.9	60.6	146
Progeny	PGY 2314TRE	Genuity Trecepta	84	85	26	22,724	14.0	58.5	145
Dyna-Gro	D57TC29	Genuity Trecepta	83	90	28	23,450	13.4	57.3	145
Integra	6493VT2P	Genuity VT Double PRO	85	89	30	21,562	13.0	58.5	145
Integra	6624TRE	Genuity Trecepta	82	84	28	22,724	13.3	58.8	145
Integra	6864R	RR2	81	85	32	22,651	14.2	59.5	144
Dyna-Gro	D54SS74RIB	Genuity SmartStax RIB Com	85	83	24	22,796	12.6	57.4	139
Progeny	PGY 2215TRE	Genuity Trecepta	83	87	28	22,433	14.0	59.3	139
Integra	6641SS	SmartStax	84	81	25	22,070	13.5	59.3	135
Progeny	PGY 2118VT2P	Genuity VT Double PRO	84	80	28	20,546	14.9	60.5	132
Progeny	PGY 9117VT2P	Genuity VT Double PRO	85	84	23	21,925	12.9	59.6	129

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

# Bardwell

## 2024 Corn

### Performance Trial

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<b>Agronomic information</b>			Mean	83	85	28	13.5	59.0	145																																																			
Plant Date	2/23/2024		C.V. %	1.4	3.7	10.7	2.9	1.0	9.7																																																			
Harvest Date	8/2/2024		P>f (hybrid)	0.000	0.002	0.002	0.000	0.000	0.220																																																			
Irrigated	No		L.S.D.	1.7	4.5	4.2	0.6	0.8																																																				
Row Spacing (in)	30		<b>Trial Notes</b>																																																									
Number of Rows	2		<div style="display: flex; justify-content: space-between;"> <div style="width: 60%; border: 1px solid gray; height: 100px;"></div> <div style="width: 35%; border: 1px solid gray; padding: 5px;">                     Cooperator <b>Steven Beakley</b> </div> </div> <p style="font-size: small; margin-top: 10px;">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 planting date through the harvest date.</p> <p style="font-size: x-small; margin-top: 10px;">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									<p style="font-size: x-small; margin-top: 10px;">* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>																																																		
Precipitation (in)	30.88																<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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>145</td> <td>NO3-N (ppm)</td> <td>6</td> <td>pH</td> <td>7.8</td> </tr> <tr> <td>P2O5 (lb/ac)</td> <td>23</td> <td>P (ppm)*</td> <td>29</td> <td>Conductivity (umho/cm)</td> <td>70</td> </tr> <tr> <td>K2O (lb/ac)</td> <td>22</td> <td>K (ppm)*</td> <td>444</td> <td>Ca (ppm)*</td> <td>16,556</td> </tr> <tr> <td>S (lb/ac)</td> <td>22</td> <td>S (ppm)*</td> <td>109</td> <td>Mg (ppm)*</td> <td>216</td> </tr> <tr> <td>Zn (lb/ac)</td> <td></td> <td></td> <td></td> <td>Na (ppm)*</td> <td>22</td> </tr> </tbody> </table>							Fertilizer Applied		Soil Analysis Report**				N (lb/ac)	145	NO3-N (ppm)	6	pH	7.8	P2O5 (lb/ac)	23	P (ppm)*	29	Conductivity (umho/cm)	70	K2O (lb/ac)	22	K (ppm)*	444	Ca (ppm)*	16,556	S (lb/ac)	22	S (ppm)*	109	Mg (ppm)*	216	Zn (lb/ac)				Na (ppm)*	22	
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Irrigation (in)																																																												
Herbicide	2.5 oz/ac Zidua																																																											
Soil Type	Branyon clay																																																											
Tillage	Conventional																																																											
Previous Crop	Cotton																																																											

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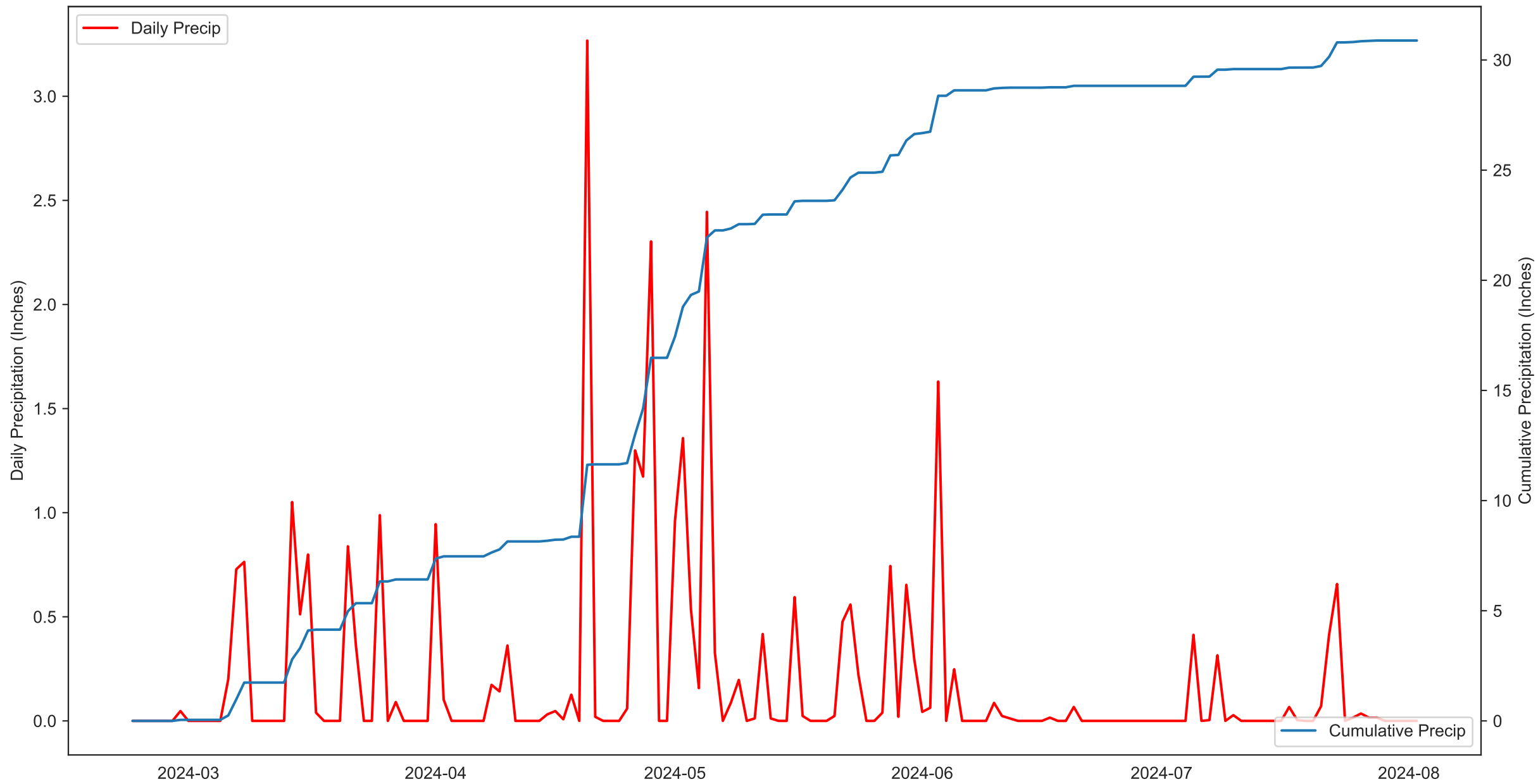
# Corn Bardwell Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Bayer	DEKALB	DKC 68-35VT2	153	
Nutrien Ag	Dyna-Gro	D54VC14	149	112
Nutrien Ag	Dyna-Gro	D56TC44	144	
Nutrien Ag	Dyna-Gro	D57TC29	143	109
Bayer	DEKALB	DKC 69-99TRE	139	107
Progeny Ag Products	Progeny	PGY 9117VT2P	138	102
Progeny Ag Products	Progeny	PGY 2215TRE	137	104
Wilbur-Ellis Company	Integra	6624TRE	131	
Wilbur-Ellis Company	Integra	6641SS	123	93
Wilbur-Ellis Company	Integra	6342TRE	120	100
Progeny Ag Products	Progeny	PGY 2118VT2P	99	78

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.

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