



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Bardwell 2019 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)
REV	25LPR89	Leptra	73	96	31	23,087	9.5	57.7	203
Integra	6588	Genuity VT Double PRO	73	91	33	23,522	11.8	59.2	189
Progeny	PGY9114	Genuity VT Double PRO	71	88	29	23,014	10.3	58.5	189
Integra	CX801115	Genuity DG VT Double PRO	72	91	31	23,087	9.4	57.0	188
REV	26BHR30	Optimum Intrasect	75	93	33	22,651	10.5	60.0	187
Progeny	PGY8116	SmartStax	75	94	32	24,286	11.4	59.0	182
Progeny	EXP1913	Genuity VT Double PRO	74	92	31	25,452	9.9	57.2	180
Dyna-Gro	D54VC14	Genuity VT Double PRO	72	87	28	23,915	10.7	58.4	180
Dyna-Gro	D57VC17	Genuity VT Double PRO	74	89	33	24,676	11.4	59.1	179
Progeny	EXP1918	Genuity VT Double PRO	71	89	29	23,159	10.3	57.1	179
Progeny	EXP1915	SmartStax	74	88	29	24,821	11.6	60.5	177
Integra	6410	SmartStax	74	88	28	23,818	10.2	57.9	175
Integra	6695	Genuity Trecepta	70	88	32	23,958	10.6	58.9	175
Dyna-Gro	D58SS65	Genuity SmartStax	75	88	29	23,450	10.1	57.5	174
Axis	68T58	SmartStax	74	92	33	22,869	10.5	58.9	174
LG Seeds	64C30	Genuity Trecepta	73	95	34	23,287	10.2	58.4	174
Integra	6533	Genuity VT Double PRO	72	92	33	23,305	9.7	57.6	173
Dyna-Gro	D57VC51	Genuity VT Double PRO	74	95	33	23,522	9.7	57.3	173
LG Seeds	5701	Genuity VT Double PRO	74	93	32	23,595	10.5	57.5	172
B-H Genetics	8721	N/A	74	95	31	23,159	10.0	58.6	172
LG Seeds	67C45	SmartStax	75	92	32	23,522	10.4	57.7	171

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



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Progeny	PGY6119	Genuity VT Double PRO	74	91	30	22,070	11.0	58.6	169
Dyna-Gro	D52SS63	SmartStax	72	90	28	23,305	10.0	57.6	168
Dyna-Gro	D56VC46	Genuity VT Double PRO	73	90	31	22,869	10.2	57.3	168
Pioneer	P1395R	RR2	73	94	31	23,958	10.2	59.1	167
LG Seeds	68C88	Genuity VT Double PRO	73	92	34	23,377	11.7	59.0	166
Integra	6720	Genuity DG VT Double PRO	75	90	33	23,159	11.5	58.9	163
Axis	64N21	Genuity VT Double PRO	70	87	30	23,159	9.7	57.8	161
Progeny	PGY9117	Genuity VT Double PRO	74	92	31	23,332	9.9	57.5	157
REV	24LPR70	Leptra	73	87	30	23,377	9.8	57.7	156

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Bardwell

2019 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	73	91	31	23,492	10.4	58.2	175
Plant Date	<input type="text" value="3/21/2019"/>		C.V. %	1.2	3.0	8.7	4.3	7.1	1.7	7.8
Harvest Date	<input type="text" value="8/19/2019"/>		P>f (hybrid)	0.000	0.000	0.033	0.022	0.000	0.000	0.003
Irrigated	<input type="text" value="No"/>		L.S.D.	1.2	3.9	3.8	1,416.2	1.0	1.4	19.2
Row Spacing (in)	<input type="text" value="30"/>	Trial Notes								
Number of Rows	<input type="text" value="2"/>	<div style="text-align: right; margin-bottom: 10px;">Cooperator <input type="text" value="Bob & Steven Beakley"/></div> <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 January 1 through the harvest date. For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505</p>								
Seeds per Acre	<input type="text" value="24,000"/>									
N (lb/ac)	<input type="text"/>									
P2O5 (lb/ac)	<input type="text"/>									
K2O (lb/ac)	<input type="text"/>									
Precipitation (in)	<input type="text" value="33.11"/>	Soil Type	<input type="text" value="Clay"/>							
Irrigation (in)	<input type="text"/>	Tillage	<input type="text"/>							
Herbicide	<input type="text"/>	Previous Crop	<input type="text"/>							

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