

# College Station

## 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)
Dyna-Gro	D57VC51	Genuity VT Double PRO	70	75	27	27,173	15.5	57.4	188
Progeny	PGY9117	Genuity VT Double PRO	69	73	24	29,766	15.8	57.2	183
LG Seeds	64C30	Genuity Trecepta	67	77	27	27,069	17.3	56.8	181
LG Seeds	67C45	SmartStax	70	76	27	26,447	19.8	56.2	181
REV	26BHR30	Optimum Intrasect	71	71	24	28,625	16.0	58.2	179
Progeny	EXP1913	Genuity VT Double PRO	68	74	28	30,181	17.4	56.7	178
Integra	6588	Genuity VT Double PRO	70	75	27	27,795	19.6	58.1	176
Integra	CX801115	Genuity DG VT Double PRO	68	73	26	29,144	17.0	56.0	176
Integra	6720	Genuity DG VT Double PRO	69	72	26	29,559	19.5	55.8	175
LG Seeds	68C88	Genuity VT Double PRO	69	79	26	28,210	19.5	54.4	174
Axis	66R55	SmartStax	69	74	24	29,247	19.5	54.9	172
Progeny	PGY6119	Genuity VT Double PRO	68	72	24	27,899	18.4	56.6	172
Integra	6533	Genuity VT Double PRO	68	72	25	28,003	19.0	55.8	172
Dyna-Gro	D57VC17	Genuity VT Double PRO	69	68	27	29,662	19.0	56.3	171
Dyna-Gro	D58SS65	Genuity SmartStax	69	66	25	27,588	15.5	54.9	170
Progeny	PGY8116	SmartStax	70	75	28	27,277	18.1	57.5	168
Integra	6695	Genuity Trecepta	67	72	25	28,210	16.4	58.1	167
Dyna-Gro	D56VC46	Genuity VT Double PRO	69	70	26	28,107	16.9	56.2	166
Integra	6410	SmartStax	68	67	24	28,003	15.6	57.3	165
Axis	63D28	Genuity VT Double PRO	68	75	26	29,144	14.5	57.3	164
Axis	68T58	SmartStax	68	69	23	27,069	16.3	57.3	159

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



Department of Soil and Crop Sciences

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REV	25LPR89	Leptra	68	80	24	28,625	15.0	57.4	159
Progeny	EXP1918	Genuity VT Double PRO	67	71	21	27,381	16.7	57.5	159
Dyna-Gro	D54VC14	Genuity VT Double PRO	68	70	21	27,069	15.8	57.1	153
B-H Genetics	8721	N/A	69	73	24	28,314	18.0	56.4	148
Pioneer	P1395R	RR2	70	78	24	28,003	15.5	57.6	146
Progeny	PGY9114	Genuity VT Double PRO	67	69	22	24,684	16.2	57.2	146
REV	24LPR70	Leptra	69	71	22	27,173	15.5	56.5	145
Progeny	EXP1915	SmartStax	69	71	26	30,596	20.1	57.1	140
LG Seeds	66C32	Genuity VT Double PRO	69	68	24	27,277	15.9	57.5	139

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<b>Agronomic information</b>			Mean	69	72	25	28,110	17.2	56.8	166
Plant Date	3/20/2019		C.V. %	1.3	5.2	12.5	7.2	6.7	2.5	10.5
Harvest Date	7/30/2019		P>f (hybrid)	0.000	0.000	0.093	0.089	0.000	0.202	0.001
Irrigated	Yes		L.S.D.	1.2	5.3			1.6		24.4
Row Spacing (in)	30	<b>Trial Notes</b>								
Number of Rows	2	<p>Cooperator: Texas A&amp;M AgriLife Research</p> <p>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 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	30,000									
N (lb/ac)	250									
P2O5 (lb/ac)	0									
K2O (lb/ac)	0									
Precipitation (in)	29.59	Soil Type	Clay							
Irrigation (in)	0	Tillage								
Herbicide		Previous Crop	Corn							

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