



Department of Soil and Crop Sciences

Wharton 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)
LG Seeds	5701	Genuity VT Double PRO	65	89	36	23,808	14.7	58.1	186
Dyna-Gro	D57VC51	Genuity VT Double PRO	65	88	37	23,432	15.0	58.1	182
REV	25LPR89	Leptra	65	93	39	23,432	13.1	58.2	176
Progeny	PGY9117	Genuity VT Double PRO	65	87	34	23,939	15.0	58.6	175
REV	26BHR30	Optimum Intrasect	66	92	37	23,714	15.0	60.3	175
Dyna-Gro	D58SS65	Genuity SmartStax	66	83	34	23,939	14.8	59.0	174
B-H Genetics	8721	N/A	65	88	35	23,038	14.9	59.2	173
Integra	6695	Genuity Trecepta	63	84	35	24,108	14.1	58.9	173
Dyna-Gro	D57VC17	Genuity VT Double PRO	66	86	37	25,235	15.4	59.1	173
LG Seeds	64C30	Genuity Trecepta	64	91	36	23,432	13.6	57.5	172
Dyna-Gro	D54VC14	Genuity VT Double PRO	64	86	35	23,357	13.9	58.2	172
Progeny	EXP1915	SmartStax	65	85	36	24,409	15.2	60.1	171
Progeny	EXP1918	Genuity VT Double PRO	64	87	35	23,545	14.0	58.2	170
Integra	6720	Genuity DG VT Double PRO	65	88	37	23,883	15.5	59.0	170
Progeny	PGY8116	SmartStax	66	90	40	24,671	15.3	59.8	168
Integra	6533	Genuity VT Double PRO	63	85	35	23,282	14.6	58.4	167
Dyna-Gro	D56VC46	Genuity VT Double PRO	65	85	37	23,357	16.0	57.6	165
LG Seeds	68C88	Genuity VT Double PRO	64	88	38	23,582	15.3	58.5	164
REV	24LPR70	Leptra	65	83	33	23,432	13.8	58.4	164
Integra	6588	Genuity VT Double PRO	64	90	38	23,996	15.6	58.5	162
LG Seeds	67C45	SmartStax	67	87	38	24,897	15.7	59.6	162

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



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Integra	CX801115	Genuity DG VT Double PRO	64	85	35	22,982	12.9	56.5	161
Integra	6410	SmartStax	65	84	34	23,714	13.8	58.5	161
Pioneer	P1395R	RR2	65	90	35	23,827	13.7	58.2	159
Progeny	PGY6119	Genuity VT Double PRO	65	86	37	23,545	15.0	59.1	157

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Agronomic information			Mean	65	87	36	23,782	14.6	58.6	169
Plant Date	<input type="text" value="3/19/2019"/>		C.V. %	0.8	2.3	5.2	3.3	2.7	0.8	3.8
Harvest Date	<input type="text" value="8/6/2019"/>		P>f (hybrid)	0.000	0.000	0.000	0.039	0.000	0.000	0.000
Irrigated	<input type="text" value="No"/>		L.S.D.	0.8	3.1	2.9	1,192.8	0.6	0.7	9.8
Row Spacing (in)	<input type="text" value="40"/>	Trial Notes								
Number of Rows	<input type="text" value="2"/>	<div style="text-align: right; margin-bottom: 10px;">Cooperator <input type="text" value="Larry & Clint Kalina"/></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="29.84"/>	Soil Type	<input type="text" value="Clemville-Norwood Complex"/>							
Irrigation (in)	<input type="text"/>	Tillage	<input type="text"/>							
Herbicide	<input type="text"/>	Previous Crop	<input type="text" value="Corn"/>							

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