



Department of Soil and Crop Sciences

Wharton 2018 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	24BHR99	Optimum Intrasect	69	106	38	21,675	12.7	55.3	173
LG Seeds	66C32	SmartStax	71	101	38	22,555	14.0	56.9	170
REV	25LPR89	Leptra	69	107	41	21,927	13.9	56.3	162
LG Seeds	68C88	Genuity VT Double PRO	68	98	40	22,241	14.4	57.3	160
Dyna-Gro	D52SS63	SmartStax	68	98	34	22,995	13.9	56.6	157
Dyna-Gro	D54VC14	Genuity VT Double PRO	67	95	33	20,042	13.7	56.0	157
REV	23LPR55	Leptra	69	105	39	21,047	12.6	55.7	156
Integra	9678	Genuity VT Double PRO	68	98	36	20,607	14.2	55.5	153
Dyna-Gro	D56VC46	Genuity VT Double PRO	67	99	39	21,298	14.0	55.4	152
Progeny	PGY5115	Genuity VT Double PRO	68	95	30	20,482	13.4	55.8	151
Progeny	7118	Genuity VT Double PRO	69	105	39	20,859	13.3	55.3	151
Dyna-Gro	D57VC51	Genuity VT Double PRO	70	100	35	21,487	13.8	56.0	151
Mission	A1677	Genuity VT Double PRO	69	97	35	21,361	14.4	56.9	150
Progeny	PGY8116	SmartStax	71	99	39	23,749	13.8	56.8	149
LG Seeds	5701	Genuity VT Double PRO	69	99	36	21,487	14.5	55.4	147
B-H Genetics	8660		68	101	38	21,612	13.8	56.3	146
REV	28LPR18	Leptra	71	109	47	20,419	14.3	56.3	145
Dyna-Gro	58SS65	Genuity SmartStax	70	95	36	21,047	13.8	56.7	145
Integra	6533	Genuity VT Double PRO	67	96	37	20,859	14.2	56.5	144
REV	27LPR79	Leptra	72	109	43	23,057	13.9	57.0	143
Mission	A1657	Genuity DG VT Double PRO	68	100	33	20,293	14.9	56.1	143

*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	68	97	36	21,361	14.4	56.1	141
DEKALB	DKC 62-08	Genuity SmartStax	67	92	40	20,356	13.1	55.1	140
Mission	A1637	Genuity VT Double PRO	68	99	38	21,173	12.8	53.6	140
Integra	6647	Genuity VT Double PRO	69	99	39	20,105	13.7	56.1	138
Mission	A1687	Genuity VT Double PRO	67	99	38	19,225	12.7	54.3	136
Progeny	EXP1814		67	91	31	19,414	13.3	54.6	134
Pioneer	P1847	Leptra	70	103	37	20,670	14.0	56.1	128
Integra	6588	Genuity VT Double PRO	70	96	38	21,927	13.8	56.0	127
Pioneer	P1464	Leptra	71	99	37	20,984	12.9	54.6	125
Progeny	PGY6116	Genuity VT Double PRO	68	98	37	20,859	13.3	54.7	125
Integra	6400	Genuity SmartStax	67	98	36	20,544	12.3	53.3	120
REV	25LPR26	Leptra	69	105	40	22,492	12.9	54.8	112

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Agronomic information			Mean	69	100	37	21,218	13.6	55.7	145	
Plant Date	3/7/2018		C.V. %	1.5	4.4	8.6	5.9	7.1	2.5	12.9	
Harvest Date	8/2/2018		P>f (hybrid)	0.000	0.000	0.000	0.000	0.023	0.014	0.002	
Irrigated	No		L.S.D.	1.4	6.1	4.5	1,743.7	1.4	2.0	26.2	
Row Spacing (in)	40	Trial Notes									
Number of Rows	2	<div style="border: 1px solid gray; height: 100px; width: 100%;"></div>									
Seeds per Acre	24,000										
N (lb/ac)											
P2O5 (lb/ac)											
K2O (lb/ac)		<div style="border: 1px solid gray; height: 100px; width: 100%;"></div>									
Precipitation (in)	18.86										
Irrigation (in)											
Herbicide											
		Soil Type	Clemville-Norwood Complex								
		Tillage									
		Previous Crop									
			Cooperator Larry & Clint Kalina							<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 Almaco meter units on a JD Max-Emerge II 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.</p> <p>For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505</p>	

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