AGRICULTURE & LIFE SCIENCES
TEXAS A&M UNIVERSITY

Department of Soil and Crop Sciences

College Station
2017 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

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	D57VP51	Genuity VT Triple PRO	68	89	30	27,381	12.4	59.0	250
REV	25LPR26	Leptra	68	87	26	27,899	10.3	59.7	249
Golden Acres	G6832	SmartStax	69	86	27	27,277	10.5	60.1	243
Dyna-Gro	D56VP46	Genuity VT Triple PRO	66	86	28	25,721	12.8	58.7	241
REV	26LPR50	Leptra	70	87	26	27,795	11.3	61.1	237
Dyna-Gro	58SS65	Genuity SmartStax	68	88	29	26,551	10.7	61.0	232
Progeny	EXP1715	Genuity SmartStax	69	82	22	27,795	10.7	60.4	232
Golden Acres	G6708	Genuity VT Double PRO	67	86	27	26,032	12.1	59.0	231
Integra	6533	N/A	66	86	26	27,484	11.6	59.8	231
DEKALB	DKC 64-69	Genuity VT Triple PRO	66	85	28	25,099	11.4	59.6	230
REV	23LPR55	Leptra	68	81	25	27,277	10.0	57.9	230
Progeny	PGY6119	Genuity VT Double PRO	67	83	24	28,210	11.6	60.6	230
Progeny	PGY6116	Genuity VT Double PRO	66	81	27	27,069	11.1	58.7	226
Pioneer	P1395	Optimum Intrasect	69	87	28	27,899	10.5	59.6	225
Integra	9678	Genuity VT Triple PRO	66	87	31	26,966	12.6	59.0	225
Integra	6474	Genuity VT Double PRO	66	88	29	26,862	10.5	57.2	224
Texas A&M AgriLife Research	TST2/TX780	N/A	73	90	28	26,655	16.2	58.3	223
Progeny	EXP1714	Genuity VT Double PRO	65	86	27	27,381	10.7	59.7	221
Progeny	EXP1726	Genuity VT Double PRO	66	83	24	26,032	10.7	59.3	220
Progeny	EXP1716	Genuity VT Double PRO	69	89	30	27,795	11.9	60.3	219
Progeny	EXP1712	Genuity VT Double PRO	67	84	27	26,655	10.9	58.8	217

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

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Integra	6400	N/A	66	84	24	26,343	10.6	58.3	216
Integra	6647	N/A	66	83	25	24,165	11.4	58.8	213
REV	28BHR18	Optimum Intrasect	68	87	27	21,676	10.6	60.1	213
Dyna-Gro	D54VC52	Genuity VT Double PRO	66	91	30	25,203	11.8	59.7	209
Texas A&M AgriLife Research	TST2/TX777	RR2	71	85	28	24,269	12.7	59.9	208
Golden Acres	G6611	Genuity VT Triple PRO	66	85	26	26,136	11.5	58.7	208
Progeny	PGY7215	Genuity VT Double PRO	65	83	26	24,684	11.5	59.6	206
Progeny	PGY5115	Genuity VT Double PRO	66	81	26	25,617	10.4	59.3	205
Progeny	PGY7111	Genuity VT Double PRO	65	85	27	26,136	9.8	57.2	204
Golden Acres	G6792	SmartStax	68	87	28	27,588	11.4	59.0	203
Catalyst	7893	Agrisure Viptera 3111	66	83	25	24,477	10.7	57.0	189
Progeny	PGY4114	Genuity VT Double PRO	65	83	25	26,862	10.1	59.3	188
Texas A&M AgriLife Research	TST2/TX779	RR2	70	87	30	21,884	12.1	61.5	188
Integra	6273	N/A	63	83	26	26,551	10.1	58.1	184
Progeny	PGY6110	Genuity VT Double PRO	65	84	27	21,158	10.2	58.5	165

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		Mean	67	85	27	26,127	11.3	59.3	218
		C.V. %	0.9	6.6	15.5	6.6	3.0	0.6	5.6
		P>f (hybrid)	0.000	0.691	0.634	0.000	0.000	0.000	0.000
		L.S.D.	0.9			2,425.5	0.5	0.5	17.1

Agronomic information

Plant Date	3/3/2017
Harvest Date	7/28/2017
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	30,000
N (lb/ac)	263
P2O5 (lb/ac)	56
K2O (lb/ac)	0
Precipitation (in)	
Irrigation (in)	

Herbicide

3/3/17 pre-emerge 1.5 lb Atrazine + 1.6 pt S-Metachlor applied. 4/17/17 1 qt Atrazine+ 1 qt Prowl H2O applied w/ drop nozzles

Trial Notes

*Pre-plant fertilizer applied 2/28/17 (150lb 11-37-0)
*Fertilized 4/7/17 (70 gal 32-0-0)
*Test cultivated 4/17/17

Soil Type	
Tillage	Conventional
Previous Crop	

Cooperator: Texas A&M AgriLife Research

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.

For additional information contact:
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