



Department of Soil and Crop Sciences

Port Lavaca 2017 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)
Integra	6474	Genuity VT Double PRO	62	85	32	22,353	13.9	56.1	157
Golden Acres	G6611	Genuity VT Triple PRO	61	81	28	22,419	13.9	57.1	154
REV	25LPR26	Leptra	64	88	30	22,882	13.1	57.1	151
REV	23LPR55	Leptra	63	84	30	22,816	13.1	56.0	151
Dyna-Gro	D56VP46	Genuity VT Triple PRO	61	79	29	21,229	13.7	56.8	148
Progeny	PGY6116	Genuity VT Double PRO	60	79	29	21,692	13.9	56.8	147
Integra	6647	N/A	61	78	28	21,824	13.9	57.1	147
Progeny	PGY6119	Genuity VT Double PRO	63	79	29	21,890	14.1	58.8	147
Dyna-Gro	D57VP51	Genuity VT Triple PRO	62	79	27	20,634	13.7	57.3	146
DEKALB	DKC 62-08	Genuity SmartStax	62	80	35	21,692	13.2	56.4	144
Golden Acres	G8828	Genuity VT Double PRO	63	81	29	21,493	13.8	59.3	144
Golden Acres	G7893	Agrisure Viptera 3111	63	83	30	20,105	13.6	55.9	141
Integra	6533	N/A	59	82	30	20,964	13.6	57.8	141
Integra	9678	Genuity VT Triple PRO	60	78	32	21,890	13.8	57.2	140
Pioneer	P1395	Optimum Intrasect	63	83	27	22,684	13.5	57.5	140
REV	26LPR50	Leptra	65	85	30	22,155	14.9	59.9	140
NK	N83D	Agrisure 3000GT	64	85	28	22,684	13.9	55.4	138
NK	NK1405-3220	Agrisure Viptera 3111	63	85	34	22,221	13.2	55.7	136
Dyna-Gro	D54VC52	Genuity VT Double PRO	60	82	30	18,782	13.7	57.8	134
Dyna-Gro	58SS65	Genuity SmartStax	63	74	26	21,758	13.5	58.2	133
NK	N76A	Agrisure 3000GT	61	85	28	20,766	13.3	52.8	132

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



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Golden Acres	G6708	Genuity VT Double PRO	63	78	28	20,105	13.6	57.3	132
Progeny	PGY7215	Genuity VT Double PRO	59	81	29	18,782	13.7	57.8	127
Integra	6273	N/A	57	74	23	22,485	13.0	55.8	126
NK	N78S	Agrisure Viptera 3111	63	83	30	19,509	13.6	55.8	125
Progeny	PGY5115	Genuity VT Double PRO	60	77	24	21,560	13.1	57.5	123
Integra	6400	N/A	62	78	29	21,163	13.2	55.9	123
REV	28BHR18	Optimum Intrasect	64	84	28	15,938	13.9	58.9	121

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Agronomic information			Mean	62	81	29	13.6	57.0	139
Plant Date	<input type="text" value="3/9/2017"/>		C.V. %	1.7	3.1	10.0	1.4	0.6	7.9
Harvest Date	<input type="text" value="7/26/2017"/>		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000
Irrigated	<input type="text" value="No"/>		L.S.D.	1.5	3.5	4.1	0.3	0.5	15.4
Row Spacing (in)	<input type="text" value="38"/>	Trial Notes							
Number of Rows	<input type="text" value="2"/>								
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="22.84"/>								
Irrigation (in)	<input type="text"/>	Soil Type	<input type="text"/>						
Herbicide	<input type="text"/>	Tillage	<input type="text"/>						
	<input type="text"/>	Previous Crop	<input type="text"/>						

Cooperator

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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 979-845-2935

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