TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Port Lavaca
2020 Corn
Performance Trial

TEXAS A&M AGRILIFE

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	6621	Genuity DG VT Double PRO	68	75	25	23,296	13.7	58.6	168
LG Seeds	64C30	Genuity Trecepta	67	70	23	22,520	13.7	59.5	161
Dyna-Gro	D57VC51	Genuity VT Double PRO	68	73	23	22,630	14.1	59.5	160
Integra	6540	Genuity Trecepta	68	70	24	21,854	12.6	58.2	159
Integra	6695	Genuity Trecepta	67	72	24	23,185	14.2	60.8	158
Dyna-Gro	D53TC19	Genuity Trecepta	67	70	22	23,185	12.7	58.5	158
LG Seeds	67C45	SmartStax	69	75	25	23,019	14.1	59.7	157
Dyna-Gro	D55VC80	Genuity VT Double PRO	69	74	26	22,741	13.4	58.8	156
Progeny	PGY8116	SmartStax	69	72	26	23,518	14.7	61.1	156
LG Seeds	68C59		69	78	23	24,627	12.9	57.4	156
Integra	6588	Genuity VT Double PRO	69	74	23	22,575	15.4	60.8	155
Dyna-Gro	D58SS65	Genuity SmartStax	69	70	22	22,464	14.1	60.1	155
Progeny	PGY2025	Genuity DG VT Double PRO	68	71	23	22,409	13.4	58.4	155
Agventure	AV8216	N/A	69	80	24	24,849	13.4	59.4	155
Integra	6720	Genuity DG VT Double PRO	70	70	24	24,683	14.2	60.9	153
Pioneer	P1847	Leptra	69	74	26	23,684	14.6	60.4	153
Dyna-Gro	D54VC14	Genuity VT Double PRO	67	71	21	21,909	12.9	59.3	152
Integra	6410	SmartStax	68	72	23	23,407	13.5	59.3	151
Pioneer	P1903		69	78	22	24,073	13.6	58.0	150
Progeny	PGY9117	Genuity VT Double PRO	69	73	20	22,686	14.0	60.2	150
Pioneer	P1213		69	74	19	24,239	12.9	58.9	147

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

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Integra	6533	Genuity VT Double PRO	68	71	23	22,131	13.6	59.0	144
Pioneer	P2042		69	76	22	24,128	14.1	60.0	144
Progeny	PGY9114	Genuity VT Double PRO	68	72	21	21,798	13.1	59.5	144
Pioneer	P1464	Leptra	69	77	23	24,017	12.6	58.1	135

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	Mean		68	73	23	23,185	13.6	59.4	153
	C.V. %		0.7	3.5	7.8	4.7	2.1	0.7	5.3
	P>f (hybrid)		0.000	0.000	0.000	0.000	0.000	0.000	0.000
	L.S.D.		0.7	3.6	2.5	1,528.7	0.4	0.6	11.4

Agronomic information

Plant Date	2/28/2020
Harvest Date	7/20/2020
Irrigated	No
Row Spacing (in)	38
Number of Rows	2
Seeds per Acre	24,000
Precipitation (in)	19.96
Irrigation (in)	
Herbicide	
Soil Type	Clay
Tillage	Conventional
Previous Crop	Corn

Trial Notes

Cooperator Dennis Klump

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:
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* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	20	pH	5.2
P (ppm)*	49	Conductivity (umho/cm)	120
K (ppm)*	187	Ca (ppm)*	3,774
S (ppm)*	8	Mg (ppm)*	777
		Na (ppm)*	118

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