

Dumas

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)
Progeny	PGY8116	SmartStax	78	110	52	33,535	16.8	56.7	336
LG Seeds	67C45	SmartStax	77	106	50	33,387	17.2	56.3	333
Integra	6588	Genuity VT Double PRO	77	110	47	33,202	17.1	56.0	324
B-H Genetics	8721	N/A	75	113	47	32,927	14.9	57.2	320
Dyna-Gro	D54SS74	SmartStax	75	106	45	32,908	14.3	56.5	318
Integra	CX801115	Genuity DG VT Double PRO	74	111	48	32,162	14.8	55.6	317
Integra	6720	Genuity DG VT Double PRO	75	109	49	31,363	17.1	56.8	316
REV	26BHR30	Optimum Intrasect	77	111	50	32,762	16.0	57.6	316
Agventure	AV7516	N/A	77	114	49	32,234	15.3	58.9	316
Dyna-Gro	D58VC65	Genuity VT Double PRO	75	106	45	32,809	15.8	56.6	314
Integra	6695	Genuity Trecepta	73	110	47	33,299	14.2	57.3	311
Agventure	A1548	Genuity DG VT Double PRO	74	107	46	31,733	14.4	56.1	309
Agventure	1668	SmartStax	75	109	44	32,868	15.4	56.2	309
Dyna-Gro	D53TC19	Genuity Trecepta	74	107	48	31,053	13.1	55.9	309
Integra	6533	Genuity VT Double PRO	74	109	48	32,987	15.1	57.0	307
Agventure	EXC1689	N/A	78	102	45	32,769	14.8	57.3	306
Dyna-Gro	D54VC14	Genuity VT Double PRO	75	105	43	32,089	13.3	56.8	304
Dyna-Gro	D50VC30	Genuity VT Double PRO	75	114	48	32,234	11.3	57.6	302
Progeny	PGY9114	Genuity VT Double PRO	75	107	45	32,815	15.1	56.6	301
Dyna-Gro	D51VC67	Genuity VT Double PRO	73	105	43	32,622	11.9	55.3	301
Dyna-Gro	D55VC80	Genuity VT Double PRO	76	113	48	34,074	14.9	56.0	301

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



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

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Integra	6410	SmartStax	75	105	46	32,912	15.1	57.1	301
Progeny	PGY9117	Genuity VT Double PRO	75	110	48	32,380	16.1	56.7	300
REV	25LPR26	Leptra	77	116	54	32,967	15.2	56.5	297
LG Seeds	5643	Genuity VT Double PRO RIB	75	112	49	33,299	13.4	57.0	296
Dyna-Gro	D52VC63	Genuity VT Double PRO	76	107	45	32,129	13.8	56.0	295
Pioneer	P1395R	RR2	76	113	45	33,106	15.4	58.2	294
LG Seeds	66C32	Genuity VT Double PRO	76	111	47	31,460	16.4	56.5	294
Agventure	AV8216	N/A	75	119	54	34,082	14.2	57.5	293
REV	24LPR70	Leptra	77	102	46	32,993	15.1	58.1	293
Dyna-Gro	D52VC15	Genuity VT Double PRO	74	111	45	33,178	11.6	57.2	292
Dyna-Gro	D55VC45	Genuity VT Double PRO	76	107	47	33,106	15.8	57.1	288
LG Seeds	64C30	Genuity Trecepta	73	110	48	32,076	14.7	56.1	284
Dyna-Gro	D53VC33	Genuity VT Double PRO	74	118	51	33,251	13.3	56.8	282
Dyna-Gro	D57VC17	Genuity VT Double PRO	76	110	48	32,525	17.3	56.4	282
Agventure	AV3411	N/A	75	105	45	28,400	12.1	58.1	277
Progeny	EXP1915	SmartStax	75	105	46	32,815	16.4	58.2	277
Dyna-Gro	D52VC91	Genuity VT Double PRO	74	109	44	32,736	14.5	58.0	267
Dyna-Gro	D52VC50	Genuity VT Double PRO	74	106	45	32,525	12.7	57.6	259
Dyna-Gro	D49VC70	Genuity VT Double PRO	73	103	39	32,173	12.7	57.2	254
Progeny	EXP1913	Genuity VT Double PRO	75	108	48	31,557	15.5	56.4	226

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Agronomic information			Mean	75	109	47	32,573	14.7	56.9	298
Plant Date	5/1/2019		C.V. %	0.9	2.9	4.8	3.7	8.0	1.4	6.3
Harvest Date	9/24/2019		P>f (hybrid)	0.000	0.000	0.000	0.001	0.000	0.000	0.000
Irrigated	Yes		L.S.D.	1.0	4.8	3.4	1,830.6	1.7	1.1	26.2
Row Spacing (in)	30	Trial Notes								
Number of Rows	2	*3 tons compost applied in fall								
Seeds per Acre	32,000	*6/20/19: 4 oz/ac Zolera FX + 1 qt/ac Everprex right after hail								
N (lb/ac)	267	*8/5/19: 21 oz/ac Prevathon								
P2O5 (lb/ac)	10									
K2O (lb/ac)	0									
Precipitation (in)	21.15									
Irrigation (in)	19.4									
Herbicide	4/4/19: 1.25qt/ac FulTime + 10oz/ac Sentrallas + 1qt/ac Atrazine + 10 oz/ac Detonate. 5/5/19: 1.25 qt/ac Resicore +1 qt/ac Atrazine + 32 oz/ac Abundit Edge									
		Soil Type	Clay loam							
		Tillage	Strip-tilled							
		Previous Crop	Cotton							
		Cooperator	Lone Star Family Farms							
		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								

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