



Department of Soil and Crop Sciences

Sunray 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)
DEKALB	DKC 62-08	Genuity SmartStax	65	109	55	32,502	18.5	55.4	267
REV	25LPR26	Leptra	68	115	55	35,351	18.8	56.8	262
REV	27LPR79	Leptra	68	118	61	34,345	20.0	57.2	262
NuTech	5F713	Optimum AcreMax (AM-R)	65	114	56	33,340	18.6	55.7	260
B-H Genetics	8660	Genuity VT Triple PRO	64	118	54	33,843	19.3	55.4	260
Progeny	PGY6116	Genuity VT Double PRO	64	117	53	32,502	19.9	55.8	258
NuTech	5FB-4516	Optimum AcreMax (AM-R)	69	117	57	33,591	19.8	55.6	258
Integra	9678	Genuity VT Double PRO	65	112	59	32,754	20.0	56.4	258
REV	23LPR55	Leptra	64	116	51	32,084	19.1	56.7	257
Integra	6588	Genuity VT Double PRO	66	110	56	33,759	20.5	57.4	257
Progeny	PGY8116	SmartStax	69	112	58	36,523	20.1	57.7	257
LG Seeds	5643	SmartStax	65	117	59	33,619	19.1	56.3	256
NuTech	E5FN-A714	Optimum AcreMax (AM-R)	67	116	55	34,262	18.8	56.1	256
Progeny	EXP1814		63	110	49	31,665	18.1	56.1	256
Mycogen	MY13M87	SmartStax	63	107	47	33,173	19.6	56.7	256
REV	25LPR89	Leptra	66	117	55	36,635	19.9	55.9	256
Hoegemeyer	HPT 8529	Optimum AcreMax (AM-R)	69	116	54	34,429	19.1	56.2	255
Mycogen	MY12G38	SmartStax	66	113	53	34,094	19.8	54.6	253
Hoegemeyer	HPT 8556	Optimum AcreMax (AM-R)	66	118	55	35,434	18.6	56.7	253
Hoegemeyer	HPT 8415	Optimum AcreMax (AM-R)	65	120	53	34,848	19.0	56.4	253
Integra	6284	Genuity VT Double PRO	65	113	53	33,089	17.0	57.9	253

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



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NuTech	5FB-1211	Optimum AcreMax (AM-R)	64	114	49	34,094	18.5	56.7	253
Integra	6533	Genuity VT Double PRO	64	118	51	29,906	19.4	56.5	252
Agventure	AV8614	Optimum Intrasect	69	114	52	35,351	19.9	55.7	252
Integra	6400	Genuity SmartStax	64	118	55	31,944	19.4	54.8	251
Progeny	PGY5115	Genuity VT Double PRO	65	117	54	30,157	17.9	56.5	250
LG Seeds	66C32	SmartStax	68	116	54	32,502	19.6	56.6	248
LG Seeds	68C88	Genuity VT Double PRO	67	117	57	34,094	19.5	57.8	247
REV	28LPR18	Leptra	66	115	53	30,995	19.6	57.6	246
Progeny	7118	Genuity VT Double PRO	65	116	55	33,508	18.6	56.0	245
Integra	6474	Genuity VT Double PRO	66	116	56	30,576	19.0	56.4	244
Mycogen	MY09V46	Powercore	64	110	53	33,927	17.1	55.4	244
REV	24BHR99	Optimum Intrasect	67	120	56	33,731	18.6	56.7	241
Progeny	PGY6119	Genuity VT Double PRO	65	119	55	31,162	19.8	58.0	239

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Agronomic information			Mean	66	115	54	33,347	19.1	56.4	253
Plant Date	<input type="text" value="5/16/2018"/>		C.V. %	2.0	3.2	7.4	6.2	4.7	1.7	4.0
Harvest Date	<input type="text" value="10/22/2018"/>		P>f (hybrid)	0.000	0.000	0.002	0.001	0.000	0.000	0.095
Irrigated	<input type="text" value="Yes"/>		L.S.D.	1.9	5.2	5.6	3,085.2	1.4	1.5	
Row Spacing (in)	<input type="text" value="30"/>	Trial Notes								
Number of Rows	<input type="text" value="2"/>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%; border: 1px solid gray; height: 100px;"></div> <div style="width: 35%; border: 1px solid gray; padding: 5px;"> Cooperator <input type="text" value="Tommy Cartrite"/> </div> </div> <p style="font-size: small; margin-top: 10px;">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: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505</p>								
Seeds per Acre	<input type="text" value="32,000"/>									
N (lb/ac)	<input type="text"/>									
P2O5 (lb/ac)	<input type="text"/>									
K2O (lb/ac)	<input type="text"/>	Soil Type	<input type="text" value="Clay loam"/>							
Precipitation (in)	<input type="text" value="0"/>	Tillage	<input type="text"/>							
Irrigation (in)	<input type="text"/>	Previous Crop	<input type="text"/>							
Herbicide	<input type="text"/>									

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