

# Dumas/Sunray

## 2016 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)
Dyna-Gro	D58VC37	Genuity VT Double PRO	70	108	48	31,749	16.8	59.7	302
Dyna-Gro	D54DC94	Genuity DG VT Double PRO	70	110	54	30,576	14.5	56.8	296
Golden Acres	G4678DG	Genuity DG VT Double PRO	70	110	54	30,576	13.8	58.7	296
REV	25BHR26	Optimum Intrasect	70	111	53	30,743	14.0	61.4	291
Agventure	AV8714YHB	Optimum Intrasect	70	113	52	31,246	13.6	61.7	287
NuTech	5F515	Optimum AcreMax (AM-R)	71	115	55	31,803	15.3	61.4	287
NuTech	5F015	Optimum AcreMax (AM-R)	70	111	55	31,502	13.9	61.5	286
NuTech	5F713	Optimum AcreMax (AM-R)	70	113	55	29,465	13.9	59.8	286
Mycogen	MY15T31	RR	70	115	58	31,246	17.1	57.5	285
Dyna-Gro	D55VP77	Genuity VT Triple PRO	70	104	49	29,892	15.3	60.0	285
Agventure	RL7844YHB	Optimum Intrasect-AQUAm	69	107	48	30,370	11.7	59.4	283
REV	23BHR55	Optimum Intrasect	69	112	54	31,162	12.8	60.3	283
Golden Acres	5788	Genuity VT Double PRO	70	112	56	32,721	14.0	61.6	281
Dyna-Gro	D54VC52	Genuity VT Double PRO	69	107	53	29,235	15.8	60.3	280
Phoenix	6542	Agrisure Viptera 3111	70	112	53	28,984	16.5	56.7	279
Mycogen	12G36	SmartStax	71	108	52	30,324	17.1	56.8	279
Golden Acres	G7601	Genuity VT Triple PRO	70	117	56	30,408	15.2	58.1	277
NuTech	5F418	Optimum AcreMax (AM-R)	70	116	51	31,832	13.6	59.6	276
Integra	9678	Genuity VT Triple PRO	69	103	50	30,632	16.2	59.7	275
NuTech	5F510	Optimum AcreMax (AM-R)	69	112	50	30,553	11.5	61.5	275
Mycogen	MY13M87	SmartStax	69	106	50	31,413	15.6	59.5	270
Hoegemeyer	HPT 8469	Optimum AcreMax Xtreme (	71	112	55	30,282	14.3	60.6	269

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

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REV	18BHR84	Optimum Intrasect	69	106	50	29,738	11.6	59.5	269
Integra	6273	N/A	69	104	48	30,995	11.3	59.5	269
NuTech	5F709	Optimum AcreMax - AQUA	69	106	47	30,006	12.8	59.5	267
REV	24BHR93	Optimum Intrasect	71	112	54	29,403	14.9	60.0	267
Hoegemeyer	HPT 8363	Optimum AcreMax Xtra (AM	70	116	54	29,710	13.9	60.4	261
Phoenix	8400	Agrisure Viptera 3111	70	117	56	31,545	17.6	59.6	260
REV	22BHR43	Optimum Intrasect	70	112	50	30,576	13.5	62.4	258
Phoenix	6948	Agrisure 3000GT	70	114	54	30,241	16.8	58.6	253
Mycogen	MY10Z28	SmartStax	70	103	50	31,139	11.6	57.0	251
Hoegemeyer	HPT 8049	Optimum AcreMax Xtreme (	70	111	52	30,995	11.5	60.8	249
Phoenix	6518	Agrisure GT Artesian	70	111	51	29,329	12.4	57.6	247
Mycogen	MY13A35	Powercore	70	109	50	29,301	13.1	56.7	243

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<b>Agronomic information</b>			Mean	70	110	52	30,579	14.2	59.5	274
Plant Date	5/5/2016		C.V. %	0.7	2.8	4.7	3.7	8.3	1.3	6.7
Harvest Date	10/5/2016		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Irrigated	Yes		L.S.D.	0.7	4.3	3.4	1,589.2	1.7	1.1	26.0
Row Spacing (in)	30	<b>Trial Notes</b>								
Number of Rows	2	*6/24: Applied 16 oz/A Prevathon *6/29: Applied 2.5 pt/A Comite + 1 pt/A Tyrant *7/20: Applied 16 oz/A Prevathon + 6 oz/A Approach + 3.2 oz/A Tyrant *8/18: Applied 3 oz/A Zeal Miticide 1 + 3.2 oz/A Tyrant								
Seeds per Acre	32,000	*Applied 10 gal/A 32-0-0 through pivot on 6/3; 6/30; 7/8; 8/4. Applied 8 gal/A 32-0-0 on 10/25 *5-16-0-2.5 (S) as pop-up @ planting *3 ton/A of compost applied Fall 2015 *Special thanks to Marcel Fischbacher, Moore CEA								
N (lb/ac)	180	Soil Type Sherman silty clay loam Tillage Strip-till Previous Crop Wheat								
P2O5 (lb/ac)	16	Cooperator Justin Crossover; Lone Star Family Farm 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: Dennis Pietsch croptest@tamu.edu 979-845-8505								
K2O (lb/ac)	0									
Precipitation (in)	19.23									
Irrigation (in)	22									
Herbicide	*3/2/16: 16 oz/A Alligare + 1 pt/A Atrazine + 1.76 lb/A AMS + .82 oz/A of Basis Blend + 28 oz/A Roundup Max. *4/28/16: 7.5 lb/A Prequel + Tyrant+ Cinch ATZ *5/27/16: 32 oz/A of Roundup PowerMaxx + 4 oz/A Strut + 1.25 oz/A Resolve Q + 1.5 lb/A ActaMaster									

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