Texas A&M AgriLife Research | Extension

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2015 Corn Performance Tests in Texas

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The Texas A&M University System

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By

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2015 CORN PERFORMANCE TRIALS IN TEXAS

Ronnie Schnell, Dennis Pietsch, Katrina Horn, Jonathan Moreno, and Seth Murray

Introduction

Texas A&M AgriLife Research conducts the corn performance tests each year to provide growers in Texas with accurate and unbiased information on hybrid performance at locations across the state. Selection of superior hybrids that are well adapted for a given region is essential for maximizing yield and profit.

This year, six irrigated and five non-irrigated test sites were planted in the major production regions of Texas. Major corn production regions include the Western Gulf Coastal Plain, Southern Texas Plains, East Central Texas Plains, Texas Blackland Prairies and High Plains. Approximate locations of the 2015 test sites are shown in Figure 1. A total of 329 entries were evaluated across 11 locations representing 69 unique hybrids from 13 commercial seed companies. Commercial seed companies enter hybrids into each trial location at their own discretion.

Performance trials are conducted by personnel from the Crop Testing Program, Texas A&M AgriLife Research, and financed by fees collected from participating commercial seed companies. Test sites are on privately owned farms or at Texas A&M University AgriLife Research Centers. All entries are randomized and replicated four times at each location. All test sites are managed according to practices common to each production region. Field maps and planting plans can be found at the link below shortly after planting. Following harvest, results are statistically analyzed and made available at: http://varietytesting.tamu.edu/corn/.

Suggestions for Selecting Hybrids and Varieties

Variety or hybrid selection is often the first decision a grower must make each crop year. The goal is to identify hybrids with superior performance (top yielding) for your environment. Many environments exist in Texas with significant variation within regions and across years, mostly due to variation in weather. Documented, consistent yield performance within a region is essential for selecting hybrids that will perform well on your farming operation. This means that evaluation of hybrids over multiple locations and years (when possible) is the best way to predict future performance. Exercise caution when using single location data to compare hybrid performance.

Following yield performance, other characteristics may be useful for selecting the best hybrid. Maturity or days to flowering may be important for selecting hybrids that are appropriate for your

growing season/conditions. Hybrids that possess insect or herbicide traits may be useful for managing various insect and weed pests found on your farm. While consistent yield will be the most important factor affecting hybrid selection, additional plant characteristics or traits could be used to select from hybrids with similar yield performance.

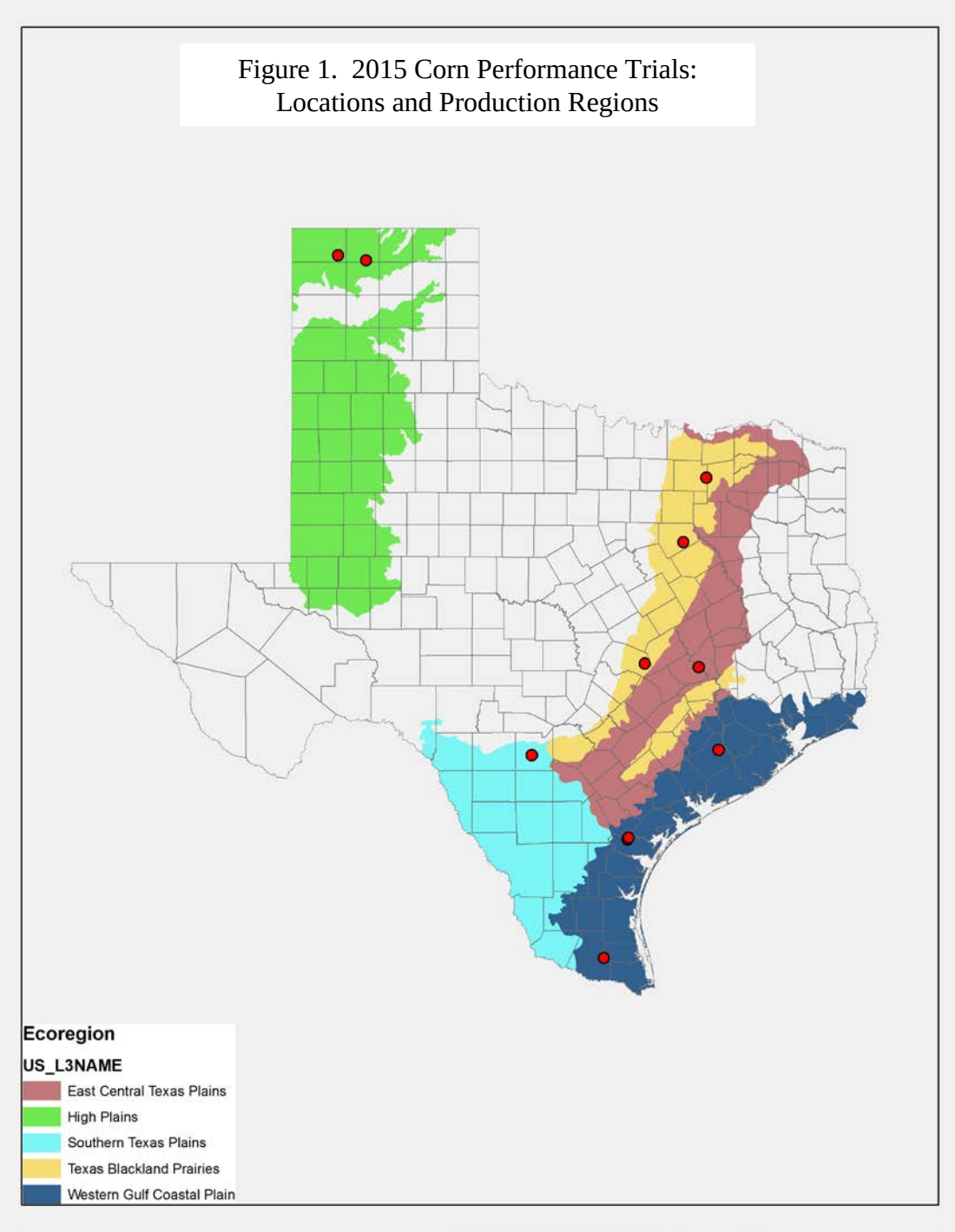

Figure 1. 2015 Corn Performance Trials: Locations and Production Regions

Field-Plot Techniques

Performance trials are conducted at each location using a randomized complete block design with four replications of each entry (hybrid). Seeds for each hybrid are packaged to obtain a final plant population appropriate for each production region and cropping system. Plots are generally 2 rows wide with row spacing ranging from 30 to 40 inches depending on location. Seeds are packaged to deliver 30 feet of planted row per plot. Seed is planted using a belt cone planter with John Deere MaxEmerge XP planter units at all sites. Following emergence, two feet of row are trimmed on each side resulting in 26 ft plots and 4 ft alleys. Alleys are maintained free of weeds throughout the growing season through mechanical or chemical control measures.

Cultural and agronomic practices adapted for each region are used as determined by the cooperator. Field data such as plant stands, plant height, ear height, silk dates and lodging are recorded at the appropriate times. All locations are harvested with a John Deere 3300 plot combine equipped with the HarvestMaster Grain Gauge that measures plot weight, test weight, and grain moisture. Field and harvest notes are compiled for each location and results analyzed.

Data Analysis and Reporting

Data from each location is analyzed statistically using SAS. Mean values for yield and additional agronomic data are presented in tables for each location. Mean values are derived from the average of all replications for each entry in each trial. Least Significant Difference (LSD) is a statistical test used that determines the minimum difference between two entries required to be considered having different levels of performance. Differences between entries (yield, plant height, etc.) less than the LSD value represents variation measurements due to factors other than hybrid performance, such as variation in soil type, soil moisture, fertility, insect or disease pressure, planting or harvesting procedures. Although numeric differences in yield or other measurements may exist, if two entries are within the LSD value, they should be considered to have equal performance. The Coefficient of Variation (CV) is used to determine the amount of variability in the data set relative to the mean and can be used to determine if the results are reliable. Generally, CV's greater than 20% indicate that the data is unreliable and is not reported. However, each data set is evaluated individually to determine if results will be reported.

In the 2015 Corn Hybrid Characteristics table you will find agronomic data submitted by each company for their entries. Agronomic information provided by the companies about their hybrids are found in the list below and include items such as cob color, grain color and genetic traits. Agronomic data measured and collected by the Crop Testing program is described in the section below.

Agronomic Data as designated by each company:

Cob Color: R = red, W = white, P = pink.
Grain Color: Y = yellow, W = white.

Type GE (Genetically Engineered Traits):

Trait Family	Trait Name	Abbreviation
Agrisure	Agrisure CB/LL	CB/LL
Agrisure	Agrisure GT/CB/LL	GT/CB/LL
Agrisure	Agrisure RW	RW
Agrisure	Agrisure GT/RW	GT/RW
Agrisure	Agrisure CB/LL/RW	CB/LL/RW
Agrisure	Agrisure 3000GT	GT3K
Agrisure	Agrisure Artesian 3011A	3011A
Agrisure	Agrisure Viptera 3110	V3110
Agrisure	Agrisure Viptera 3111	V3111
Agrisure	Agrisure 3122 E-Z Refuge	3122EZ
Agrisure	Agrisure 3220 E-Z Refuge	3220EZ
Agrisure	Agrisure Duracade 5122 E-Z Refuge	5122EZ
Agrisure	Agrisure Duracade 5222 E-Z Refuge	5222EZ
Herculex	Herculex 1 (HX1)	HX1
Herculex	Herculex RW (HXRW)	HXRW
Herculex	Herculex Extra (HXX)	HXX
Optimum	Optimum AcreMax (AM-R)	AM-R
Optimum	Optimum AcreMax1 (AM1)	AM1
Optimum	Optimum AcreMax Rootworm (AMRW-R)	AMRW-R
Optimum	Optimum AcreMax Xtra (AMX-R)	AMX-R
Optimum	Optimum AcreMax Xtreme (AMXT-R)	AMXT-R
Optimum	Optimum Intrasect	INT
Optimum	Optimum Intrasect Xtra	INT-X
Optimum	Optimum Intrasect Xtreme	INT-XT
Optimum	Optimum TRIsect	TRI
YieldGard	YieldGard VT Triple	YG VT3
Genuity	Genuity VT Double PRO	GEN VT2P
Genuity	Genuity VT Triple PRO	GEN VT3P
Genuity	Genuity SmartStax	GEN SSX
Genuity	Genuity VT Double PRO RIB Complete (GENVT2P)	GEN VT2PRIB
Genuity	Genuity VT Triple PRO RIB Complete (GENVT3P)	GEN VT3PRIB
Genuity	Genuity SmartStax RIB Complete	GEN SSXRIB
Refuge Advanced	Refuge Advanced (SmartStax)	SSX
Mycogen	SmartStax	SSX
	RR	RR2
	Conventional	Conv

Measured Agronomic Data:

Days to Silk: the average number of days from planting to the date when 50 percent of the plants within the plot are in some stage of silking (R1).

Plant Height: the average height in inches from ground to top of tassel.

Ear Height: the average height in inches from ground to base of ear.

Grain Moisture: the average moisture at harvest as a percent (%).

Plant Population: the average number of plants per acre at harvest.

Test Weight: is a measure of bulk grain density and is determined by the seed weight per unit of volume. This is measured at harvest and expressed as pounds per bushel.

Yield – Standardized to 15.5% moisture: expressed in bushels per acre (bu/acre) and calculated using [((100 – moisture (%) /84.5) * yield (lb/acre)/56].

In addition to individual site performance, information on multi-year performance for each site is provided. Multi-year tables are presented as 2-year summaries of yield performance data. The entries are ranked according to hybrid performance in the current year.

Rainfall

Available soil moisture during the growing season is often a limiting factor for corn production in Texas. Variation in rainfall patterns can be substantial within a production region and from year to year. A significant gradient in annual rainfall exist in Texas moving east to west. Often, it is useful to look at rainfall amounts for a given region based on the water-year. The water-year corresponds with hydrological cycles and runs from October 1 through September 30. In contrast to annual rainfall amounts, water-year analysis includes periods of time when soil profile moisture recharge can occur. The observed water-year totals are provided in Figure 2.

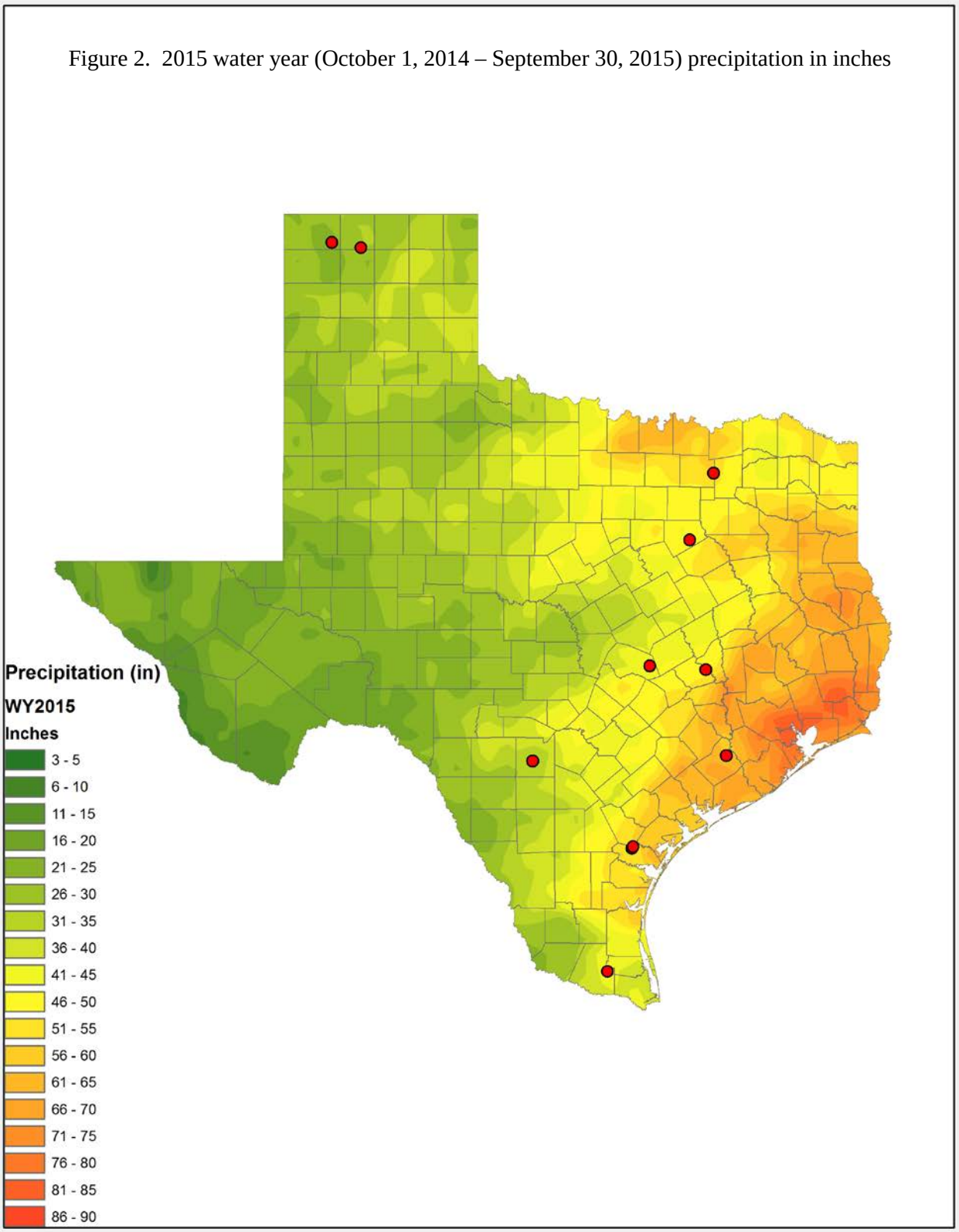

Figure 2. Texas: 2015 Water Year total rainfall in inches.

2015 Corn

Hybrid Characteristics

Company	Brand	Hybrid	Transgenic Traits	Grain Color	Cob Color	GDD to Maturitry	Relative Maturity
3rd Millennium Genetics	3MG	Sara	Conventional	Yellow	Red		101
3rd Millennium Genetics	3MG	Victoria	Conventional	Yellow	Red		100
Advanta Seeds	Phoenix	5552	Agrisure Viptera 3111	Yellow	Pink	2580	111
Advanta Seeds	Phoenix	5942	Agrisure Viptera 3111	Yellow	Red	2580	109
Advanta Seeds	Phoenix	6012	Agrisure 3220 E-Z Refug	Yellow	White	2575	110
Advanta Seeds	Phoenix	6322	Agrisure Viptera 3111	Yellow	Pink	2630	113
Advanta Seeds	Phoenix	6522	Agrisure Viptera 3111	Yellow	Pink	2640	114
Advanta Seeds	Phoenix	6523	Agrisure Viptera 3111	Yellow	Red	2660	115
Advanta Seeds	Phoenix	6542	Agrisure Viptera 3111	Yellow	Pink	2690	116
Advanta Seeds	Phoenix	6606	Agrisure Viptera 3111	Yellow	White	2680	116
Advanta Seeds	Phoenix	8400	Agrisure Viptera 3111	Yellow	Pink	2700	117
Anzu Genetica Seed	Anzu Genetica	AG 1911	Conventional	White	White		118
Crop Production Services	Dyna-Gro	D58QC72	Agrisure Viptera 3110			2870	118
Crop Production Services	Dyna-Gro	D54DC94	Genuity VT Double PRO	Yellow	Pink		114
Crop Production Services	Dyna-Gro	D57VP51	Genuity VT Triple PRO	Yellow	Red		117
Crop Production Services	Dyna-Gro	D56VC46	Genuity VT Double PRO	Yellow	Red		116
Crop Production Services	Dyna-Gro	D55VP77	Genuity VT Triple PRO	Yellow	Red		115
Crop Production Services	Dyna-Gro	D57DC58	Genuity VT Double PRO	Yellow	Red		117
Crop Production Services	Dyna-Gro	D53VC47	Genuity VT Double PRO		Pink	2780	113
Dupont	Pioneer	P0589	Herculex 1 (HX1)	Yellow		2630	105
Dupont	Pioneer	P1401	Agrisure Viptera 3110	Yellow		2760	114

2015 Corn

Hybrid Characteristics

Company	Brand	Hybrid	Transgenic Traits	Grain Color	Cob Color	GDD to Maturitry	Relative Maturity
Dupont	Pioneer	P1751	Herculex 1 (HX1)	Yellow		2830	117
Golden Acres Genetics	Golden Acres	G5621	Genuity VT Triple PRO	Yellow	Red	2650	
Golden Acres Genetics	Golden Acres	26V21	Genuity VT Triple PRO	Yellow	White		
Golden Acres Genetics	Golden Acres	G7688	Genuity VT Double PRO	Yellow	Red		
Golden Acres Genetics	Golden Acres	G7601	Genuity VT Triple PRO	Yellow	Red	2770	
Golden Acres Genetics	Golden Acres	G4678DG	Genuity VT Double PRO	Yellow	Red	2550	
Golden Acres Genetics	Golden Acres	27V01	Genuity VT Triple PRO	Yellow	Red	2690	
Golden Acres Genetics	Golden Acres	G6611	Genuity VT Triple PRO	Yellow	Red	2700	
Golden Acres Genetics	Golden Acres	G5531	Genuity VT Triple PRO	Yellow	Pink	2660	
Golden Acres Genetics	Golden Acres	G6641	Genuity VT Triple PRO	Yellow	Pink	2680	
Hoegemeyer Hybrids	Hoegemeyer	HPT 8049	Optimum AcreMax Xtre	Yellow	White	2650	110
Hoegemeyer Hybrids	Hoegemeyer	HPT 8295	Optimum AcreMax Xtra	Yellow	Red	2730	112
Hoegemeyer Hybrids	Hoegemeyer	HPT 8067	Optimum AcreMax Xtra	Yellow	Red	2650	110
Hoegemeyer Hybrids	Hoegemeyer	HPT 8469	Optimum AcreMax Xtre	Yellow	Red	2760	114
Monsanto	DEKALB	DKC 64-69	Genuity VT Triple PRO				
Monsanto	DEKALB	DKC 62-08	Genuity SmartStax				
Mycogen Seeds	Mycogen	2Y767	N/A				
Mycogen Seeds	Mycogen	X13813	N/A				
Mycogen Seeds	Mycogen	2Y744	N/A				
Mycogen Seeds	Mycogen	2V709	N/A				
Mycogen Seeds	Mycogen	2D848	SmartStax	Yellow	Red	2820	117

2015 Corn

Hybrid Characteristics

Company	Brand	Hybrid	Transgenic Traits	Grain Color	Cob Color	GDD to Maturitry	Relative Maturity
Mycogen Seeds	Mycogen	MY15T31	RR	Yellow	Red	2780	115
Mycogen Seeds	Mycogen	2C797	SmartStax	Yellow	Red	2770	113
Stine Seed Company	Stine	9732	Genuity VT Triple PRO	Yellow	Pink	2720	115
Stine Seed Company	Stine	9734	Genuity VT Triple PRO	Yellow	Pink	2780	111
Stine Seed Company	Stine	9731	Genuity VT Triple PRO	Yellow	Pink	2745	110
Stine Seed Company	Stine	9739	Genuity VT Triple PRO	Yellow	Pink	2800	112
Syngenta	NK	N82V	Agrisure Viptera 3111	Yellow	Pink	2700	117
Syngenta	NK	N73Y	N/A				
Syngenta	NK	N76A	Agrisure GT/CB/LL	Yellow	Red	2660	114
Syngenta	NK	N72Q	N/A				
Syngenta	NK	N75H	Agrisure Artesian 3011A	Yellow	Red	2660	114
Syngenta	NK	N78S	Agrisure Viptera 3111	Yellow	Pink	2690	116
Syngenta	NK	N78N	Agrisure Viptera 3111	Yellow	White	2690	118
Syngenta	NK	N74L	Agrisure GT/RW	Yellow	Red	2640	114
Syngenta	NK	N83D	Agrisure 3000GT	Yellow		2700	
Terral Seed, Inc.	REV	24BHR93	Optimum Intrasect	Yellow	Red		114
Terral Seed, Inc.	REV	25BHR26	Optimum Intrasect	Yellow	Red		115
Terral Seed, Inc.	REV	26BHR50	Optimum Intrasect	Yellow	Red		116
Terral Seed, Inc.	REV	23BHR55	Optimum Intrasect	Yellow	Pink		113
Terral Seed, Inc.	REV	22BHR43	Optimum Intrasect	Yellow	Red		112
Terral Seed, Inc.	REV	18BHR84	Optimum Intrasect	Yellow	Red		108

2015 Corn

Hybrid Characteristics

Company	Brand	Hybrid	Transgenic Traits	Grain Color	Cob Color	GDD to Maturitry	Relative Maturity
Terral Seed, Inc.	REV	28HR20	Herculex 1 (HX1)	Yellow	Red		118
Texas A&M AgriLife	Texas A&M AgriLife Research	TR8145xTX777	Conventional	Orange	White		
Texas A&M AgriLife	Texas A&M AgriLife Research	GP7169GT/TX777	RR	Orange	White		
Wilbur-Ellis Company	Integra	6474	Genuity VT Double PRO	Yellow	Red		114
Wilbur-Ellis Company	Integra	9678	Genuity VT Triple PRO	Yellow	Red	2814	117
Wilbur-Ellis Company	Integra	6709	Genuity VT Triple PRO	Yellow	Red	2833	117

Hybrid characteristics are provided by representatives of each company.
For additional information contact your local seed dealer or:
Dennis Pietsch
dpietsch@ag.tamu.edu
979-845-8505

Corn

Company Contacts

Company	Brand	Contact Information	Phone	Email
3rd Millennium Genetics	3MG	Ed Baumgartner	787-486-3796	ed@3mgpr.com
Advanta Seeds	Phoenix	Travis Kidd 301 S. Polk, Suite 350 Amarillo, TX 79101	806-340-2031	travis.kidd@advantaseeds.co
Anzu Genetica Seed	Anzu Genetica	Beto Anzaldua PO Box 23644 Waco, TX 76702	245-548-7447	betoanzaldua@yahoo.com
Crop Production Services	Dyna-Gro	Allen Gabrysch 2776 CR 324 Edna, TX 77957	361-781-2742	allen.gabrysch@cpsagu.com
Crop Production Services	Dyna-Gro	Shawn Carter		shawn.carter@cpsagu.com
Dupont	Pioneer	Grant Groene 6519 72nd St Lubbock, TX 79424	620-229-0465	grant.groene@pioneer.com
Golden Acres Genetics	Golden Acres	Dr. James Allison PO Box 579 Buchanan Dam, TX 78609	512-793-5205	aggie.allison@gmail.com
Golden Acres Genetics	Catalyst	Dr. James Allison PO Box 579 Buchanan Dam, TX 78609	512-793-5205	aggie.allison@gmail.com
Hoegemeyer Hybrids	Hoegemeyer	Damon Ferguson 1755 Hoegemeyer Rd Hooper, NE 68031	806-928-7655	d.ferguson@hoegemeyer.com
Monsanto	DEKALB	Steve Carlson	979-229-8155	steve.carlson@monsanto.com
Mycogen Seeds	Mycogen	Ben Benton 1111 Hwy 62 Bypass Ralls, TX 79357	806-253-2584	brbenton@dow.com

Corn

Company Contacts

Company	Brand	Contact Information	Phone	Email
Stine Seed Company	Stine	Mike Smith 23363 Maverick Road Oronogo, MO 64855	417-392-0647	mdsmith@stineseed.com
Syngenta	NK	Brent Besler 1302 E. Broadway Brownfield, TX 79316	806-392-1177	brent.besler@syngenta.com
Syngenta	NK	Tony Driver 110 Twisted Oak Lane Crawford, TX 76638	254-723-5555	tony.driver@syngenta.com
Terral Seed, Inc.	REV	Marty Hale 111 Ellington Rayville, LA 71269	318-341-8814	mhale@terralseed.com
Texas A&M AgriLife	Texas A&M AgriLife Research	Seth Murray 2474 TAMU College Station, TX 77843	979-845-3469	sethmurray@tamu.edu
Wilbur-Ellis Company	Integra	Bracken Finney		rfinney@wilburellis.com

Monte Alto
2015 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	D57VP51	Genuity VT Triple PRO	72	84	26	24,963	13.7	58.0	179
Mycogen	2D848	SmartStax	74	80	32	24,544	14.4	57.5	170
Golden Acres	G7688	Genuity VT Double PRO	69	80	29	25,047	13.3	58.7	170
Mycogen	2C797	SmartStax	72	83	28	24,879	12.5	55.7	166
REV	25BHR26	Optimum Intrasect	72	85	29	24,377	12.8	58.0	162
REV	28HR20	Herculex 1 (HX1)	76	90	26	23,623	13.6	59.4	161
Golden Acres	G7601	Genuity VT Triple PRO	75	88	33	25,131	12.8	56.1	157
Mycogen	MY15T31	RR	74	86	32	24,712	13.4	56.4	153
REV	23BHR55	Optimum Intrasect	71	88	27	24,712	12.6	55.7	151
Golden Acres	27V01	Genuity VT Triple PRO	76	79	25	23,455	12.3	54.2	151
Phoenix	6542	Agrisure Viptera 3111	73	87	30	23,288	12.9	55.4	142
REV	26BHR50	Optimum Intrasect	75	82	25	21,445	13.2	58.0	132
REV	22BHR43	Optimum Intrasect	71	85	23	24,963	13.1	58.3	130
Phoenix	8400	Agrisure Viptera 3111	72	87	27	21,194	13.6	58.2	129
Phoenix	6522	Agrisure Viptera 3111	74	85	27	23,037	12.7	55.2	124
Phoenix	6523	Agrisure Viptera 3111	74	87	28	22,450	13.3	55.5	124
Stine	9734	Genuity VT Triple PRO	73	73	25	24,796	12.6	55.3	120
Stine	9731	Genuity VT Triple PRO	73	83	22	22,031	12.3	55.9	120
Dyna-Gro	D57DC58	Genuity VT Double PRO	73	79	26	21,864	12.6	54.9	119
Anzu Genetica	AG 1911	Conventional	76	88	32	20,021	16.4	56.8	111
Stine	9739	Genuity VT Triple PRO	73	70	20	23,539	12.5	53.2	107
Stine	9732	Genuity VT Triple PRO	73	74	21	19,602	12.2	53.2	92

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

Monte Alto
2015 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH

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)
		Mean	73	83	27	23,349	13.1	56.3	140
		C.V. %	2.0	5.5	13.1	8.3	2.7	1.1	8.3
		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		L.S.D.	2.0	6.8	5.3	2,866.0	0.5	1.0	17.7

Agronomic information

Plant Date	2/20/2015
Harvest Date	7/16/2015
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	25,000
N (lb/ac)	140
P2O5 (lb/ac)	0
K2O (lb/ac)	5
Precipitation (in)	24.25
Irrigation (in)	

Herbicide

12 oz/acre of Outlook on 2/22/15

Trial Notes

Appreciation is expressed to Andy Scott, Juan Garza, and Eddie Hernandez for assistance in conducting the test.

Test was not irrigated due to timely rainfall throughout the growing season.

Zinc was applied at a rate of 5 lb/ac

Soil Type	Hidalgo sandy clay loam
Tillage	
Previous Crop	Soybeans

Cooperator: Rio 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 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
dpietsch@ag.tamu.edu
979-845-8505

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

Monte Alto
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Mycogen Seeds	Mycogen	2D848	168
Golden Acres Genetics	Golden Acres	G7601	162
Crop Production Services	Dyna-Gro	D57VP51	161
Terral Seed, Inc.	REV	23BHR55	159
Mycogen Seeds	Mycogen	2C797	157
Terral Seed, Inc.	REV	28HR20	154
Terral Seed, Inc.	REV	26BHR50	150
Stine Seed Company	Stine	9739	138
Stine Seed Company	Stine	9732	125

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

San Patricio County (Irrigated)

2015 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)
Golden Acres	G6611	Genuity VT Triple PRO	70	78	26	26,304	14.0	55.5	136
Mycogen	2D848	SmartStax	73	78	33	25,466	16.8	56.3	135
Mycogen	2C797	SmartStax	71	75	28	25,633	13.6	54.5	133
Integra	6474	Genuity VT Double PRO	70	78	33	25,633	14.0	56.6	133
Golden Acres	G7688	Genuity VT Double PRO	70	80	31	25,633	14.3	58.1	131
REV	22BHR43	Optimum Intrasect	70	89	31	25,382	13.9	57.8	124
Dyna-Gro	D57VP51	Genuity VT Triple PRO	71	75	26	25,466	14.0	56.7	121
Mycogen	MY15T31	RR	72	82	33	27,141	14.8	55.4	117
REV	23BHR55	Optimum Intrasect	72	82	26	26,639	13.5	54.0	117
REV	26BHR50	Optimum Intrasect	72	81	28	25,633	14.1	57.8	117
Phoenix	6542	Agrisure Viptera 3111	72	83	30	25,466	13.9	54.0	115
Golden Acres	G7601	Genuity VT Triple PRO	71	81	31	26,639	13.5	55.5	115
Golden Acres	G6641	Genuity VT Triple PRO	70	85	33	24,712	13.7	55.2	114
Integra	6709	Genuity VT Triple PRO	71	83	33	25,215	13.3	55.9	113
REV	25BHR26	Optimum Intrasect	72	79	30	25,968	13.5	56.7	109
Phoenix	6523	Agrisure Viptera 3111	72	84	29	22,701	13.4	54.9	107
Phoenix	8400	Agrisure Viptera 3111	71	85	28	26,136	13.8	58.2	107
REV	28HR20	Herculex 1 (HX1)	76	83	30	26,136	13.8	56.7	102
Integra	9678	Genuity VT Triple PRO	70	76	30	24,628	13.8	57.0	100
Phoenix	6522	Agrisure Viptera 3111	73	77	30	25,968	13.4	54.1	98

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

San Patricio County (Irrigated)

2015 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)
		Mean	71	81	30	25,625	14.0	56.0	117
		C.V. %	0.9	5.3	9.5	4.0	1.8	1.4	11.5
		P>f (hybrid)	0.000	0.000	0.002	0.000	0.000	0.000	0.001
		L.S.D.	0.9	6.1	4.0	1,456.5	0.4	1.1	19.1

Agronomic information

Plant Date	2/26/2015
Harvest Date	7/21/2015
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	26,000
N (lb/ac)	113
P2O5 (lb/ac)	4
K2O (lb/ac)	1
Precipitation (in)	34.16
Irrigation (in)	0

Herbicide

16 oz/ac of PowerMax2 & Brimstone and 0.5 lb/ac of Atrazine on 4/9/15

Trial Notes

Appreciation is expressed to Mr. Bob McCool, San Patricio CEA for assisting in collection of flowering data and monitoring test.

Due to excessive rainfall throughout the growing season, the test block was not irrigated.
7 lb/ac of zinc applied to test.

Soil Type	Victoria clay
Tillage	Shred stalks and used disk ripper
Previous Crop	Cotton

Cooperator Charles Ring

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
dpietsch@ag.tamu.edu
979-845-8505

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

San Patricio County (Irrigated)
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Golden Acres Genetics	Golden Acres	G6611	140
Mycogen Seeds	Mycogen	2C797	135
Terral Seed, Inc.	REV	23BHR55	135
Mycogen Seeds	Mycogen	2D848	134
Crop Production Services	Dyna-Gro	D57VP51	131
Golden Acres Genetics	Golden Acres	G7601	131
Terral Seed, Inc.	REV	26BHR50	128
Wilbur-Ellis Company	Integra	6709	125
Mycogen Seeds	Mycogen	MY15T31	124
Terral Seed, Inc.	REV	28R10	123
Golden Acres Genetics	Golden Acres	G6641	123
Wilbur-Ellis Company	Integra	9678	117
Terral Seed, Inc.	REV	28HR20	109

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

San Patricio County (Dryland)

2015 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)
Mycogen	MY15T31	RR	71	79	29	20,607	16.2	56.3	116
Mycogen	2C797	SmartStax	70	67	24	20,775	15.1	55.9	114
REV	28HR20	Herculex 1 (HX1)	75	77	27	20,440	15.6	58.0	108
Dyna-Gro	D57VP51	Genuity VT Triple PRO	70	65	21	19,434	16.1	56.6	105
REV	25BHR26	Optimum Intrasect	72	76	26	20,272	15.0	57.2	104
REV	23BHR55	Optimum Intrasect	72	71	23	20,523	15.0	56.0	104
Dyna-Gro	D57DC58	Genuity VT Double PRO	69	68	25	20,188	15.0	56.9	103
Dyna-Gro	D54DC94	Genuity VT Double PRO	70	72	27	18,010	15.9	55.9	99
Mycogen	2D848	SmartStax	73	63	23	20,356	17.5	56.9	97
Phoenix	6542	Agrisure Viptera 3111	72	74	26	20,356	17.1	54.3	94
DEKALB	DKC 62-08	Genuity SmartStax	69	63	26	20,105	14.7	56.2	93
DEKALB	DKC 64-69	Genuity VT Triple PRO	70	62	20	19,518	15.1	56.2	93
REV	22BHR43	Optimum Intrasect	71	75	25	20,188	15.2	57.7	92
REV	26BHR50	Optimum Intrasect	73	70	22	19,602	16.1	59.1	90
Phoenix	6523	Agrisure Viptera 3111	71	79	26	17,508	15.8	55.0	86
Phoenix	6522	Agrisure Viptera 3111	73	72	25	19,686	17.0	54.7	85
Phoenix	8400	Agrisure Viptera 3111	73	71	21	20,188	15.5	58.4	75

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

San Patricio County (Dryland)
2015 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)
		Mean	71	71	24	19,868	15.7	56.5	98
		C.V. %	1.3	7.1	11.5	5.9	1.7	1.3	12.5
		P>f (hybrid)	0.000	0.000	0.000	0.013	0.000	0.000	0.001
		L.S.D.	1.3	7.2	4.0	1,658.9	0.4	1.0	17.3

Agronomic information

Plant Date	2/26/2015
Harvest Date	7/21/2015
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	20,000
N (lb/ac)	97
P2O5 (lb/ac)	4
K2O (lb/ac)	1
Precipitation (in)	29.37
Irrigation (in)	

Herbicide

16 oz/acre of PowerMax2 & Brimstone and 0.5lb/acre of Atrazine on 4/9/15

Trial Notes

Appreciation expressed to Mr. Bob McCool, San Patricio CEA for assisting in collection of flowering data and monitoring test.
The test block received excessive rainfall.

1.5 gal/ac of 6-24-6 applied in-furrow at planting. 50lb/ac N applied by backpack sprayer every other row on 04/29/15. Zinc applied at rate of 6 lb/ac.

Soil Type	Victoria Clay
Tillage	Shred stalks
Previous Crop	Corn

Cooperator: Charles Ring

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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979-845-8505

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

San Patricio County (Dryland)
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Terral Seed, Inc.	REV	23BHR55	119
Mycogen Seeds	Mycogen	2C797	114
Terral Seed, Inc.	REV	28HR20	111
Monsanto	DEKALB	DKC 62-08	109
Mycogen Seeds	Mycogen	2D848	108
Terral Seed, Inc.	REV	26BHR50	104
Monsanto	DEKALB	DKC 64-69	104

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

Wharton
2015 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	D56VC46	Genuity VT Double PRO	N/A	85	34	22,492	15.4	55.3	115
Texas A&M AgriLife Research	GP7169GT/TX777	RR	N/A	93	39	22,492	13.2	57.0	113
Mycogen	2C797	SmartStax	N/A	85	33	23,623	12.4	53.5	110
DEKALB	DKC 62-08	Genuity SmartStax	N/A	80	33	24,063	12.2	54.2	109
NK	N76A	Agrisure GT/CB/LL	N/A	89	33	23,749	11.7	51.0	105
REV	28HR20	Herculex 1 (HX1)	N/A	99	39	24,126	12.8	56.1	104
Mycogen	2D848	SmartStax	N/A	85	37	24,377	16.0	54.9	103
Mycogen	MY15T31	RR	N/A	95	39	23,686	14.5	53.4	103
DEKALB	DKC 64-69	Genuity VT Triple PRO	N/A	81	30	23,372	15.1	54.0	102
Dyna-Gro	D55VP77	Genuity VT Triple PRO	N/A	79	25	22,995	12.7	56.6	100
REV	26BHR50	Optimum Intrasect	N/A	94	34	22,492	13.1	56.6	99
Golden Acres	G4678DG	Genuity VT Double PRO	N/A	88	34	22,534	12.7	54.5	99
Dyna-Gro	D57VP51	Genuity VT Triple PRO	N/A	84	26	22,869	13.1	54.9	99
REV	22BHR43	Optimum Intrasect	N/A	95	36	22,932	12.5	57.3	98
Golden Acres	G7601	Genuity VT Triple PRO	N/A	92	33	24,063	13.2	53.5	98
Integra	6474	Genuity VT Double PRO	N/A	85	33	23,372	13.6	54.1	98
Golden Acres	26V21	Genuity VT Triple PRO	N/A	95	33	24,251	13.4	53.5	98
Golden Acres	G7688	Genuity VT Double PRO	N/A	82	33	23,749	13.6	56.3	98
REV	23BHR55	Optimum Intrasect	N/A	90	32	23,560	12.6	52.8	97
Dyna-Gro	D54DC94	Genuity VT Double PRO	N/A	88	36	24,126	13.3	54.6	96
Golden Acres	G5531	Genuity VT Triple PRO	N/A	83	26	22,199	13.5	55.2	96
NK	N78S	Agrisure Viptera 3111	N/A	89	32	23,246	14.2	51.7	96

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

Wharton
2015 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)
Phoenix	6523	Agrisure Viptera 3111	N/A	91	31	22,178	12.6	53.1	95
REV	25BHR26	Optimum Intrasect	N/A	93	34	23,120	12.4	55.5	94
NK	N83D	Agrisure 3000GT	N/A	91	31	22,681	13.1	55.3	94
Phoenix	6522	Agrisure Viptera 3111	N/A	88	33	23,120	13.6	53.1	93
Phoenix	6542	Agrisure Viptera 3111	N/A	91	33	23,183	14.4	52.0	92
NK	N74L	Agrisure GT/RW	N/A	86	33	21,948	11.5	51.7	91
Golden Acres	G6611	Genuity VT Triple PRO	N/A	83	30	22,995	12.8	53.9	91
Pioneer	P1401	Agrisure Viptera 3110	N/A	87	33	22,178	12.1	55.3	90
Integra	9678	Genuity VT Triple PRO	N/A	80	30	22,681	14.4	54.2	90
Phoenix	8400	Agrisure Viptera 3111	N/A	90	26	23,623	12.5	56.0	88
NK	N75H	Agrisure Artesian 3011A	N/A	84	27	23,749	12.2	50.3	87
Pioneer	P1751	Herculex 1 (HX1)	N/A	87	34	24,440	12.5	52.7	86
Integra	6709	Genuity VT Triple PRO	N/A	89	33	22,283	13.5	54.2	84
Golden Acres	27V01	Genuity VT Triple PRO	N/A	89	29	23,372	13.2	51.7	84
Pioneer	P0589	Herculex 1 (HX1)	N/A	79	31	22,785	12.1	54.6	83
Dyna-Gro	D57DC58	Genuity VT Double PRO	N/A	81	29	22,869	12.1	53.6	77

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

Wharton
2015 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH

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)
		Mean		87	32	23,199	13.1	54.2	96
		C.V. %		2.6	8.0	4.4	3.7	1.4	16.0
		P>f (hybrid)		0.000	0.000	0.023	0.000	0.000	0.440
		L.S.D.		3.3	3.8	1,502.2	0.7	1.1	

Agronomic information

Plant Date	4/1/2015
Harvest Date	8/5/2015
Irrigated	No
Row Spacing (in)	40
Number of Rows	2
Seeds per Acre	24,000
N (lb/ac)	138
P2O5 (lb/ac)	39
K2O (lb/ac)	0
Precipitation (in)	36.52
Irrigation (in)	

Herbicide

1 qt/A Atrazine at 3 leaf stage. 1 qt/A Atrazine + 32 oz/A Roundup when corn 18" tall

Trial Notes

*Numerous rain events delayed the optimum planting date approximately 4 weeks.
*Continuous rain events hampered early plant growth & development

*Potential yields reduced due to shallow root system & leaching of nutrients

Soil Type	Lake Charles clay loam
Tillage	Shred stalks, bedded, re-bed & hipped, hipped & fertilized
Previous Crop	Cotton

Cooperator: Larry and Clint Kalina

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
dpietsch@ag.tamu.edu
979-845-8505

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

Wharton
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Monsanto	DEKALB	DKC 62-08	137
Crop Production Services	Dyna-Gro	D55VP77	137
Crop Production Services	Dyna-Gro	D56VC46	137
Mycogen Seeds	Mycogen	2C797	136
Monsanto	DEKALB	DKC 64-69	136
Golden Acres Genetics	Golden Acres	G7601	135
Wilbur-Ellis Company	Integra	6709	134
Mycogen Seeds	Mycogen	MY15T31	133
Golden Acres Genetics	Golden Acres	G5531	129
Terral Seed, Inc.	REV	23BHR55	129
Golden Acres Genetics	Golden Acres	G6611	128
Terral Seed, Inc.	REV	28HR20	128
Mycogen Seeds	Mycogen	2D848	127
Terral Seed, Inc.	REV	26BHR50	127
Syngenta	NK	N83D	124
Wilbur-Ellis Company	Integra	9678	120
Golden Acres Genetics	Golden Acres	27V01	119
Syngenta	NK	N78S	111

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

Hondo
2015 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)
Phoenix	6522	Agrisure Viptera 3111	66	84	33	26,387	15.3	56.1	160
Integra	9678	Genuity VT Triple PRO	63	78	33	24,293	16.3	57.4	156
Phoenix	6542	Agrisure Viptera 3111	65	85	34	24,503	15.5	55.9	155
Mycogen	2D848	SmartStax	66	84	35	24,921	15.5	57.8	155
Mycogen	2C797	SmartStax	62	80	32	25,270	12.4	57.2	153
REV	26BHR50	Optimum Intrasect	66	86	32	25,131	12.8	60.9	150
NK	N78S	Agrisure Viptera 3111	65	85	33	24,712	15.2	55.8	149
REV	28HR20	Herculex 1 (HX1)	67	90	33	21,501	13.0	58.7	145
NK	N83D	Agrisure 3000GT	64	84	30	23,944	15.8	58.1	143
REV	25BHR26	Optimum Intrasect	64	88	35	24,782	12.1	58.8	142
REV	23BHR55	Optimum Intrasect	64	85	33	23,665	12.2	57.1	142
Golden Acres	G6611	Genuity VT Triple PRO	63	80	34	22,688	14.0	58.0	141
Texas A&M AgriLife Research	GP7169GT/TX777	RR	65	87	37	21,431	13.6	59.6	140
Golden Acres	G7688	Genuity VT Double PRO	61	77	33	21,152	13.6	60.6	134
Integra	6709	Genuity VT Triple PRO	64	87	35	23,246	12.8	57.1	132
Integra	6474	Genuity VT Double PRO	63	83	33	20,663	12.8	56.0	130
NK	N75H	Agrisure Artesian 3011A	62	83	31	24,852	13.2	55.2	130
REV	22BHR43	Optimum Intrasect	63	89	34	22,199	12.4	59.9	129
NK	N74L	Agrisure GT/RW	61	80	33	24,014	11.8	55.7	126
NK	N78N	Agrisure Viptera 3111	63	86	29	20,454	13.5	59.7	126
Golden Acres	G7601	Genuity VT Triple PRO	63	85	34	21,571	12.4	56.3	122
NK	N76A	Agrisure GT/CB/LL	62	79	29	25,480	12.5	55.2	122

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

Hondo
2015 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)
Golden Acres	G6641	Genuity VT Triple PRO	62	81	35	19,546	12.8	57.2	120
Phoenix	6523	Agrisure Viptera 3111	64	84	32	21,431	13.8	56.5	113
NK	N82V	Agrisure Viptera 3111	64	86	29	18,778	14.4	58.3	113
Phoenix	8400	Agrisure Viptera 3111	62	82	28	17,103	13.8	58.5	99

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

Hondo
2015 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH

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)
		Mean	63	84	33	22,835	13.6	57.6	136
		C.V. %	0.9	3.0	5.4	6.5	4.5	0.8	7.8
		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		L.S.D.	0.8	0.4	2.5	2,095.2	0.9	0.7	14.8

Agronomic information

Plant Date	3/16/2015
Harvest Date	7/28/2015
Irrigated	Yes
Row Spacing (in)	36
Number of Rows	2
Seeds per Acre	28,000
N (lb/ac)	216
P2O5 (lb/ac)	72
K2O (lb/ac)	12
Precipitation (in)	25.67
Irrigation (in)	4

Herbicide

Applied 2 applications of Roundup

Trial Notes

Appreciation expressed to Mr. Wayne Scholtz, retired CEA, for collecting flowering data and monitoring test block. Test block received hail damage on April 24. Leaf shredding was observed along with severe bruising in some plots.

Common rust ratings were taken on July 1. Ratings are available upon request. Applied 5 oz/A of Oberon for mites on 6/1/15. Applied 4 oz/A of Tilt for rust. Applied Aflaguard at suggested rate for Aflatoxin (A. flavus)

Soil Type	Knippa clay
Tillage	Shred stalks, disked twice, ripped, chiseled, bedded
Previous Crop	Cotton

Cooperator Paul Aelvoet

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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979-845-8505

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

Hondo
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Mycogen Seeds	Mycogen	2C797	179
Wilbur-Ellis Company	Integra	9678	176
Mycogen Seeds	Mycogen	2D848	175
Terral Seed, Inc.	REV	26BHR50	173
Terral Seed, Inc.	REV	23BHR55	170
Terral Seed, Inc.	REV	28HR20	168
Syngenta	NK	N83D	164
Syngenta	NK	N78S	161
Golden Acres Genetics	Golden Acres	G7601	155
Golden Acres Genetics	Golden Acres	G6641	153
Syngenta	NK	N78N	153
Wilbur-Ellis Company	Integra	6709	152

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

College Station
2015 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)
REV	23BHR55	Optimum Intrasect	70	79	29	29,766	10.2	57.4	210
REV	28HR20	Herculex 1 (HX1)	73	87	33	26,551	10.3	60.4	205
Mycogen	2D848	SmartStax	72	76	32	28,521	10.3	59.4	204
REV	26BHR50	Optimum Intrasect	72	79	25	27,173	10.7	62.0	202
Golden Acres	G7601	Genuity VT Triple PRO	70	77	31	28,936	10.0	58.0	201
Mycogen	MY15T31	RR	71	84	34	30,561	10.1	58.3	201
Integra	9678	Genuity VT Triple PRO	70	72	27	29,593	10.2	59.7	200
Dyna-Gro	D54DC94	Genuity VT Double PRO	70	77	31	29,766	9.9	57.0	199
Dyna-Gro	D57VP51	Genuity VT Triple PRO	70	76	28	27,899	10.1	59.3	199
DEKALB	DKC 62-08	Genuity SmartStax	70	70	30	28,521	10.1	59.6	196
Dyna-Gro	D56VC46	Genuity VT Double PRO	70	77	33	28,107	10.3	60.1	195
DEKALB	DKC 64-69	Genuity VT Triple PRO	70	75	30	24,477	10.4	60.4	194
Integra	6709	Genuity VT Triple PRO	71	80	32	25,617	10.0	57.8	194
Golden Acres	G7688	Genuity VT Double PRO	70	73	29	29,351	10.4	60.9	194
REV	25BHR26	Optimum Intrasect	71	78	28	29,766	10.2	59.6	192
Integra	6474	Genuity VT Double PRO	70	76	32	29,178	10.0	57.5	190
Golden Acres	27V01	Genuity VT Triple PRO	73	81	29	29,351	9.7	56.4	190
Phoenix	6522	Agrisure Viptera 3111	72	81	31	28,625	9.9	57.1	188
Golden Acres	26V21	Genuity VT Triple PRO	72	82	31	28,107	9.9	57.2	184
Mycogen	2C797	SmartStax	70	74	31	29,247	9.8	57.1	183
Phoenix	6542	Agrisure Viptera 3111	71	82	32	25,617	10.2	57.2	181
REV	22BHR43	Optimum Intrasect	71	82	29	28,521	10.5	60.2	178

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

College Station
2015 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)
Phoenix	8400	Agrisure Viptera 3111	70	82	27	28,314	10.3	59.8	174
Stine	9734	Genuity VT Triple PRO	70	75	28	29,559	10.3	58.7	174
Dyna-Gro	D57DC58	Genuity VT Double PRO	70	72	25	28,833	9.9	58.4	172
Stine	9731	Genuity VT Triple PRO	72	79	24	26,240	9.9	58.0	168
Stine	9732	Genuity VT Triple PRO	71	71	26	26,032	9.9	56.8	158
Stine	9739	Genuity VT Triple PRO	70	70	25	26,655	9.6	55.2	156
Phoenix	6523	Agrisure Viptera 3111	70	79	29	21,469	10.0	58.6	137

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

College Station
2015 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH

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)
		Mean	71	77	29	27,943	10.1	58.6	187
		C.V. %	1.1	4.6	9.2	7.4	2.1	0.8	7.5
		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		L.S.D.	1.1	5.1	3.9	2,982.0	0.3		20.2

Agronomic information

Plant Date	3/7/2015
Harvest Date	8/17/2015
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	30,000
N (lb/ac)	207
P2O5 (lb/ac)	56
K2O (lb/ac)	0
Precipitation (in)	35.74
Irrigation (in)	0

Herbicide

1.66 pt/A Dual with 1.5 lbs/A Atrazine pre-emerge. 1 qt/A Prowl H2O + 1 lb/A Atrazine on 5/4/15

Trial Notes

*8 lb/A of Zn was applied with pre-plant fertilizer
*No insecticides were applied
*No in-season tillage
*Timeley rains eliminated the need for irrigation during growing season

Soil Type	Ships clay loam
Tillage	Disc, bed, re-bed
Previous Crop	Corn

Cooperator Texas A&M AgriLife Research

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

College Station
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Monsanto	DEKALB	DKC 64-69	223
Terral Seed, Inc.	REV	23BHR55	221
Terral Seed, Inc.	REV	28HR20	220
Terral Seed, Inc.	REV	26BHR50	218
Wilbur-Ellis Company	Integra	9678	218
Golden Acres Genetics	Golden Acres	G7601	217
Crop Production Services	Dyna-Gro	D56VC46	216
Monsanto	DEKALB	DKC 62-08	213
Golden Acres Genetics	Golden Acres	27V01	212
Wilbur-Ellis Company	Integra	6709	209
Mycogen Seeds	Mycogen	2D848	208
Mycogen Seeds	Mycogen	2C797	207

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

Thrall
2015 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)
Golden Acres	G7688	Genuity VT Double PRO	N/A	82	26	19,708	11.0	58.7	147
Golden Acres	26V21	Genuity VT Triple PRO	N/A	93	26	20,303	11.8	54.2	142
Dyna-Gro	D57VP51	Genuity VT Triple PRO	N/A	81	22	19,046	10.5	56.2	138
Integra	9678	Genuity VT Triple PRO	N/A	81	26	18,914	13.0	56.2	138
NK	N76A	Agrisure GT/CB/LL	N/A	87	26	21,097	8.3	53.6	138
REV	28HR20	Herculex 1 (HX1)	N/A	99	31	19,906	10.9	59.5	137
Mycogen	MY15T31	RR	N/A	93	30	20,832	12.9	53.8	136
Golden Acres	G4678DG	Genuity VT Double PRO	N/A	86	29	20,568	10.4	56.3	136
DEKALB	DKC 62-08	Genuity SmartStax	N/A	79	25	20,038	9.7	56.2	135
REV	26BHR50	Optimum Intrasect	N/A	94	23	19,377	10.2	59.4	132
Mycogen	2D848	SmartStax	N/A	87	30	17,790	14.5	55.2	131
Dyna-Gro	D57DC58	Genuity VT Double PRO	N/A	81	22	19,509	9.4	56.5	129
REV	23BHR55	Optimum Intrasect	N/A	86	22	20,038	8.8	55.1	128
Dyna-Gro	D55VP77	Genuity VT Triple PRO	N/A	76	23	20,105	10.4	57.7	128
Golden Acres	27V01	Genuity VT Triple PRO	N/A	91	24	19,840	9.7	54.2	128
Golden Acres	G7601	Genuity VT Triple PRO	N/A	92	30	20,303	9.8	56.7	127
Phoenix	6542	Agrisure Viptera 3111	N/A	86	28	20,105	12.2	54.2	127
NK	N75H	Agrisure Artesian 3011A	N/A	86	24	20,568	10.0	53.3	127
Dyna-Gro	D56VC46	Genuity VT Double PRO	N/A	80	24	18,517	13.8	55.6	126
NK	N83D	Agrisure 3000GT	N/A	89	25	19,311	10.6	56.2	126
Dyna-Gro	D54DC94	Genuity VT Double PRO	N/A	85	30	19,311	10.5	56.1	126
Mycogen	2C797	SmartStax	N/A	83	28	18,980	9.4	55.2	126

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

Thrall
2015 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	N/A	85	27	19,443	10.1	57.2	125
Phoenix	6522	Agrisure Viptera 3111	N/A	87	29	19,642	10.9	55.0	125
Texas A&M AgriLife Research	TR8145xTX777	Conventional	N/A	97	32	18,914	15.5	57.1	124
NK	N74L	Agrisure GT/RW	N/A	87	27	19,377	8.4	54.5	123
Texas A&M AgriLife Research	GP7169GT/TX777	RR	N/A	92	34	19,509	12.9	58.9	122
DEKALB	DKC 64-69	Genuity VT Triple PRO	N/A	79	25	18,187	11.6	55.5	122
REV	22BHR43	Optimum Intrasect	N/A	92	25	20,237	9.8	58.0	121
Phoenix	6523	Agrisure Viptera 3111	N/A	90	27	19,245	10.1	54.7	121
Pioneer	P1401	Agrisure Viptera 3110	N/A	89	30	19,642	9.1	56.0	120
Pioneer	P1751	Herculex 1 (HX1)	N/A	88	25	20,369	9.1	56.8	120
REV	25BHR26	Optimum Intrasect	N/A	87	27	20,501	10.5	57.3	120
NK	N78S	Agrisure Viptera 3111	N/A	87	28	18,980	12.0	54.8	119
Phoenix	8400	Agrisure Viptera 3111	N/A	89	25	19,642	10.2	56.3	118
Integra	6709	Genuity VT Triple PRO	N/A	91	28	18,253	10.2	56.4	114
Pioneer	P0589	Herculex 1 (HX1)	N/A	80	25	19,311	8.8	55.2	109
3MG	Victoria	Conventional	N/A	73	22	17,658	9.8	57.4	100
3MG	Sara	Conventional	N/A	80	23	19,774	9.7	57.5	86

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

Thrall
2015 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH

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)
		Mean		86	26	19,560	10.7	56.1	126
		C.V. %		3.2	9.1	5.2	6.3	1.4	9.5
		P>f (hybrid)		0.000	0.000	0.000	0.000	0.000	0.000
		L.S.D.		3.9	3.4	1,434.4	0.9	1.1	16.6

Agronomic information

Plant Date	3/30/2015
Harvest Date	8/7/2015
Irrigated	No
Row Spacing (in)	38
Number of Rows	2
Seeds per Acre	21,000
N (lb/ac)	150
P2O5 (lb/ac)	45
K2O (lb/ac)	23
Precipitation (in)	32.31
Irrigation (in)	

Herbicide

Applied a tank mix of 1.5 lb/A Atrazine + .67 pt/A of 2,4-D L6 + 1 qt/A Roundup in January

Trial Notes

The test block is usually strip-tilled prior to planting, however due to wet field conditions, the test was not strip-tilled. Instead a herbicide was applied prior to planting and test planted in last year's seedbed.

Large rain events during the early part of the growing season hampered early plant growth and development. There were some areas in the field where soil remained saturated; thus causing stunting and yellowing of plants.

Soil Type	Burleson clay
Tillage	None, old beds were used
Previous Crop	Grain Sorghum

Cooperator Stiles Farm Foundation, Ryan Collett

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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Thrall
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Wilbur-Ellis Company	Integra	9678	143
Golden Acres Genetics	Golden Acres	G4678DG	141
Terral Seed, Inc.	REV	23BHR55	140
Terral Seed, Inc.	REV	28HR20	140
Monsanto	DEKALB	DKC 62-08	139
Crop Production Services	Dyna-Gro	D55VP77	139
Golden Acres Genetics	Golden Acres	G7601	139
Terral Seed, Inc.	REV	26BHR50	139
Mycogen Seeds	Mycogen	2D848	139
Mycogen Seeds	Mycogen	MY15T31	136
Crop Production Services	Dyna-Gro	D56VC46	135
Golden Acres Genetics	Golden Acres	27V01	134
Monsanto	DEKALB	DKC 64-69	133
Mycogen Seeds	Mycogen	2C797	131
Syngenta	NK	N83D	129
Wilbur-Ellis Company	Integra	6709	126
Syngenta	NK	N78S	123

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

Bardwell
2015 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)
Mycogen	MY15T31	RR	72	82	31	23,455	10.3	57.5	139
NK	N76A	Agrisure GT/CB/LL	70	90	24	23,874	9.4	57.4	137
Dyna-Gro	D55VP77	Genuity VT Triple PRO	69	66	20	23,958	10.5	59.7	134
REV	23BHR55	Optimum Intrasect	70	82	24	22,701	9.1	58.4	133
Dyna-Gro	D57VP51	Genuity VT Triple PRO	70	70	21	22,869	9.6	58.7	131
Phoenix	6542	Agrisure Viptera 3111	71	81	27	22,534	13.6	57.6	131
Integra	9678	Genuity VT Triple PRO	70	74	23	23,037	12.5	59.2	130
Dyna-Gro	D54DC94	Genuity VT Double PRO	71	81	25	22,785	11.7	58.1	130
REV	22BHR43	Optimum Intrasect	69	95	27	22,869	9.9	59.9	128
Golden Acres	G7688	Genuity VT Double PRO	69	73	28	23,120	12.1	59.7	128
REV	28HR20	Herculex 1 (HX1)	75	87	28	22,785	10.9	60.4	124
Mycogen	2C797	SmartStax	70	78	25	22,534	9.6	57.9	123
Mycogen	2D848	SmartStax	73	79	30	23,372	12.7	58.8	121
Golden Acres	26V21	Genuity VT Triple PRO	72	86	26	23,874	11.5	58.3	121
Integra	6474	Genuity VT Double PRO	69	80	24	21,696	11.0	57.8	121
Texas A&M AgriLife Research	TR8145xTX777	Conventional	74	86	32	22,869	11.4	59.1	118
Golden Acres	G7601	Genuity VT Triple PRO	70	88	28	23,958	9.8	57.6	115
Dyna-Gro	D56VC46	Genuity VT Double PRO	70	75	28	22,031	12.4	58.7	114
NK	N74L	Agrisure GT/RW	70	81	26	23,707	8.7	57.2	114
Pioneer	P0589	Herculex 1 (HX1)	71	74	23	22,701	8.9	57.6	113
DEKALB	DKC 64-69	Genuity VT Triple PRO	72	70	21	22,701	11.1	59.4	113
Golden Acres	G4678DG	Genuity VT Double PRO	70	80	25	22,869	10.4	57.9	113

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

Bardwell
2015 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)
Golden Acres	G6611	Genuity VT Triple PRO	70	80	23	23,120	9.9	58.9	112
NK	N83D	Agrisure 3000GT	72	86	23	23,120	9.8	59.0	112
Texas A&M AgriLife Research	GP7169GT/TX777	RR	73	79	31	22,115	10.5	60.8	111
Integra	6709	Genuity VT Triple PRO	71	83	25	22,701	10.5	57.3	111
REV	26BHR50	Optimum Intrasect	72	80	22	22,366	10.3	60.2	111
Phoenix	6523	Agrisure Viptera 3111	71	90	25	21,529	8.8	58.5	109
Phoenix	6522	Agrisure Viptera 3111	72	79	25	22,199	11.0	57.3	107
Pioneer	P1751	Herculex 1 (HX1)	71	81	23	23,707	8.8	58.4	105
REV	25BHR26	Optimum Intrasect	72	77	24	23,288	10.1	60.1	105
Golden Acres	27V01	Genuity VT Triple PRO	73	85	23	23,623	11.6	57.6	105
DEKALB	DKC 62-08	Genuity SmartStax	70	65	23	23,455	9.9	58.0	104
NK	N75H	Agrisure Artesian 3011A	70	72	21	24,126	10.3	56.1	103
Phoenix	8400	Agrisure Viptera 3111	71	88	23	23,120	9.8	59.6	100
NK	N82V	Agrisure Viptera 3111	71	87	26	24,126	10.4	58.4	99
3MG	Victoria	Conventional	70	71	20	22,199	9.6	59.8	97
Dyna-Gro	D57DC58	Genuity VT Double PRO	70	78	23	22,283	10.3	59.0	94
Pioneer	P1401	Agrisure Viptera 3110	71	78	23	22,953	9.9	58.3	93
3MG	Sara	Conventional	69	72	19	20,942	9.8	60.0	93
Golden Acres	G6641	Genuity VT Triple PRO	70	75	22	22,283	14.0	56.4	91

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

Bardwell
2015 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH

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)
		Mean	71	79	25	22,916	10.5	58.6	114
		C.V. %	1.7	7.2	13.6	4.3	10.9	1.4	14.8
		P>f (hybrid)	0.000	0.000	0.000	0.001	0.000	0.000	0.000
		L.S.D.	1.7	8.0	4.7	1,372.2	1.6	1.1	24.1

Agronomic information

Plant Date	3/31/2015
Harvest Date	8/13/2015
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	23,000
N (lb/ac)	133
P2O5 (lb/ac)	0
K2O (lb/ac)	0
Precipitation (in)	35.07
Irrigation (in)	

Herbicide

1.2 pt/ac of Dual, pre-emerge

Trial Notes

Excessive soil moisture delayed planting date approximately 3 weeks. Continued rain events hampered early plant growth and development. Some areas of test block did not drain properly, resulting in standing water.

This resulted in yellowing of plants and firing of bottom leaves. Yields should be considered good despite the excessive moisture. 1 ton/ac of chicken litter was applied early Fall 2014. Rainfall data obtained from U.S. Corp of Engineers, Lake Bardwell

Soil Type	Houston black clay
Tillage	Disc, field cultivate, used rolling harrow
Previous Crop	Wheat

Cooperator: Bob and Steve Beakley

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

Bardwell
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Crop Production Services	Dyna-Gro	D55VP77	172
Crop Production Services	Dyna-Gro	D56VC46	167
Terral Seed, Inc.	REV	23BHR55	167
Terral Seed, Inc.	REV	28HR20	166
Wilbur-Ellis Company	Integra	9678	163
Monsanto	DEKALB	DKC 64-69	163
Mycogen Seeds	Mycogen	2D848	161
Golden Acres Genetics	Golden Acres	G7601	161
Terral Seed, Inc.	REV	26BHR50	160
Mycogen Seeds	Mycogen	2C797	158
Monsanto	DEKALB	DKC 62-08	156
Wilbur-Ellis Company	Integra	6709	156
Golden Acres Genetics	Golden Acres	G4678DG	152
Syngenta	NK	N83D	152
Syngenta	NK	N82V	145
Golden Acres Genetics	Golden Acres	G6641	139

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

Farmersville
2015 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)
Golden Acres	G7688	Genuity VT Double PRO	64	77	30	17,310	12.9	56.5	88
Mycogen	X13813		65	82	30	18,563	12.2	53.0	87
Dyna-Gro	D56VC46	Genuity VT Double PRO	64	78	30	16,968	14.3	56.2	84
Integra	9678	Genuity VT Triple PRO	64	75	32	16,057	14.1	56.1	84
DEKALB	DKC 62-08	Genuity SmartStax	61	73	25	17,424	12.0	54.6	83
Dyna-Gro	D57VP51	Genuity VT Triple PRO	64	75	24	16,741	12.8	55.0	80
Mycogen	2D848	SmartStax	67	77	31	15,374	14.2	55.8	78
Golden Acres	26V21	Genuity VT Triple PRO	64	87	26	17,652	11.9	53.9	77
Phoenix	6542	Agrisure Viptera 3111	66	80	29	16,741	12.4	54.9	76
Phoenix	6522	Agrisure Viptera 3111	65	82	29	17,652	12.7	55.1	76
Dyna-Gro	D55VP77	Genuity VT Triple PRO	63	78	27	16,855	12.6	56.8	75
Mycogen	MY15T31	RR	66	82	36	18,335	14.6	54.4	74
REV	25BHR26	Optimum Intrasect	66	83	29	17,652	12.8	57.3	71
DEKALB	DKC 64-69	Genuity VT Triple PRO	63	78	26	14,919	13.2	55.0	71
Golden Acres	G6641	Genuity VT Triple PRO	63	81	28	15,830	12.4	54.9	71
Golden Acres	G6611	Genuity VT Triple PRO	63	77	28	14,349	12.5	55.4	70
Integra	6709	Genuity VT Triple PRO	65	83	32	17,766	13.7	55.4	70
Mycogen	2C797	SmartStax	65	76	27	14,577	12.8	55.5	70
Integra	6474	Genuity VT Double PRO	65	76	27	13,894	13.3	54.1	68
Golden Acres	G4678DG	Genuity VT Double PRO	64	81	29	18,677	13.1	54.7	68
Dyna-Gro	D54DC94	Genuity VT Double PRO	66	76	31	17,196	14.2	55.0	66
REV	23BHR55	Optimum Intrasect	66	80	25	16,627	12.4	55.3	66

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

Farmersville
2015 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)
REV	28HR20	Herculex 1 (HX1)	71	88	31	15,032	12.7	58.0	65
Golden Acres	G5621	Genuity VT Triple PRO	62	72	26	14,349	12.1	56.8	61
Phoenix	6523	Agrisure Viptera 3111	65	84	25	14,008	12.2	54.2	60
REV	22BHR43	Optimum Intrasect	67	82	25	17,538	12.3	57.2	55
Phoenix	8400	Agrisure Viptera 3111	63	83	25	15,488	12.8	57.8	55
Texas A&M AgriLife Research	GP7169GT/TX777	RR	67	87	37	14,121	11.9	53.0	50
3MG	Victoria	Conventional	62	70	25	14,691	13.1	55.7	50
Texas A&M AgriLife Research	TR8145xTX777	Conventional	70	88	32	13,096	12.5	56.9	50
REV	26BHR50	Optimum Intrasect	67	81	27	13,096	12.7	58.7	49
Dyna-Gro	D57DC58	Genuity VT Double PRO	65	76	25	13,096	13.6	55.3	47
3MG	Sara	Conventional	62	69	21	15,602	12.4	56.7	39

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

Farmersville
2015 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)
		Mean	65	79	28	15,978	12.9	55.6	68
		C.V. %	2.3	5.6	10.8	14.1	6.6	1.5	19.6
		P>f (hybrid)	0.000	0.000	0.000	0.039	0.005	0.001	0.001
		L.S.D.	2.4	7.2	5.0	3,666.1	1.5	1.5	22.9

Agronomic information

Plant Date	5/4/2015
Harvest Date	9/16/2015
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	20,000
N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
Precipitation (in)	44
Irrigation (in)	

Herbicide

Trial Notes

Soil Type	
Tillage	
Previous Crop	

Cooperator Kenneth Wright

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.

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Farmersville
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Golden Acres Genetics	Golden Acres	G5621	123
Wilbur-Ellis Company	Integra	6709	120
Golden Acres Genetics	Golden Acres	G6641	116
Mycogen Seeds	Mycogen	2D848	115
Monsanto	DEKALB	DKC 62-08	114
Terral Seed, Inc.	REV	28HR20	113
Wilbur-Ellis Company	Integra	9678	113
Monsanto	DEKALB	DKC 64-69	112
Golden Acres Genetics	Golden Acres	G4678DG	112
Terral Seed, Inc.	REV	23BHR55	108
Mycogen Seeds	Mycogen	2C797	108
Terral Seed, Inc.	REV	26BHR50	98

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

Dumas
2015 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	D55VP77	Genuity VT Triple PRO	68	105	45	33,711	15.1	60.1	301
REV	25BHR26	Optimum Intrasect	67	114	47	33,487	14.6	59.9	299
Hoegemeyer	HPT 8469	Optimum AcreMax Xtreme (	68	115	53	32,638	15.2	59.8	291
Golden Acres	G4678DG	Genuity VT Double PRO	66	115	48	32,971	15.8	58.1	291
Hoegemeyer	HPT 8049	Optimum AcreMax Xtreme (	66	114	50	32,326	15.1	59.3	288
Dyna-Gro	D54DC94	Genuity VT Double PRO	66	113	50	33,245	15.0	58.0	288
REV	23BHR55	Optimum Intrasect	66	111	48	34,072	14.8	58.2	288
Golden Acres	G7601	Genuity VT Triple PRO	69	119	53	32,441	15.9	58.0	285
Hoegemeyer	HPT 8295	Optimum AcreMax Xtra (AM	66	115	51	31,430	15.0	58.2	285
Dyna-Gro	D57DC58	Genuity VT Double PRO	66	113	46	31,681	15.5	58.6	285
Integra	9678	Genuity VT Triple PRO	65	108	49	31,523	16.8	59.4	284
Mycogen	MY15T31	RR	68	117	54	34,296	19.0	57.8	283
Phoenix	8400	Agrisure Viptera 3111	68	121	51	32,363	17.9	59.1	279
Golden Acres	G6611	Genuity VT Triple PRO	66	112	49	32,080	16.0	58.5	277
Mycogen	X13813		68	115	51	32,215	17.1	56.9	274
Phoenix	6606	Agrisure Viptera 3111	68	119	47	32,141	17.1	60.2	274
Phoenix	6542	Agrisure Viptera 3111	67	115	51	29,095	17.7	56.2	273
Integra	6474	Genuity VT Double PRO	67	110	48	30,740	15.5	57.9	273
Integra	6709	Genuity VT Triple PRO	68	118	51	31,529	16.1	58.0	270
Phoenix	5942	Agrisure Viptera 3111	69	109	46	32,868	14.6	58.5	268
NK	N72Q		66	112	47	32,523	15.8	57.6	267
REV	22BHR43	Optimum Intrasect	65	113	45	32,202	15.6	60.6	266

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

Dumas
2015 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)
Phoenix	6322	Agrisure Viptera 3111	69	116	51	30,863	16.5	56.6	259
Mycogen	2Y744		69	104	42	33,615	15.4	56.3	258
REV	24BHR93	Optimum Intrasect	69	108	47	31,918	15.1	59.3	257
NK	N73Y	N/A	68	117	49	31,752	15.5	55.4	255
Mycogen	2Y767		67	115	51	29,861	15.9	56.7	255
Phoenix	5552	Agrisure Viptera 3111	66	101	40	34,110	14.8	56.4	246
Hoegemeyer	HPT 8067	Optimum AcreMax Xtra (AM	65	109	46	31,363	15.7	57.9	243
Dyna-Gro	D53VC47	Genuity VT Double PRO RIB	66	110	42	32,062	15.9	57.1	235
Mycogen	2V709		67	108	47	29,769	15.4	58.4	234
Dyna-Gro	D58QC72	Agrisure Viptera 3110	67	116	45	30,156	19.3	58.0	221
REV	18BHR84	Optimum Intrasect	65	105	41	31,688	15.0	58.0	219
Phoenix	6012	Agrisure 3220 E-Z Refuge	66	111	48	29,364	16.2	57.5	219
Texas A&M AgriLife Research	GP7169GT/TX777	RR	72	118	64	28,822	18.9	58.2	213

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

Dumas
2015 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH

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)
		Mean	67	112	48	31,912	16.0	58.1	266
		C.V. %	1.9	3.2	4.9	5.2	3.7	0.6	6.9
		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		L.S.D.	1.8	5.0	3.3	2,337.2	0.8	0.5	25.8

Agronomic information

Plant Date	5/12/2015
Harvest Date	10/15/2015
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	32,000
N (lb/ac)	250
P2O5 (lb/ac)	
K2O (lb/ac)	
Precipitation (in)	31.08
Irrigation (in)	21.5

Herbicide

3/22 applied 1.0 qt/A of Atrazine + .84 dry oz/A of Basis Blend for burndown + 6.06 gal/A of 32-0-0 + 1.62 oz/A of 90% nonionic surfactant

Trial Notes

*5/26: Aerial app of 14.13 dry oz/A of Basis Gold + 19.38 oz/A of Tyrant CSOC + 2.02 lbs/A of AMS
*6/22: Aerial app of 5.05 dry oz/A of Status + 3.23 oz/A of Spredde + 1.72 lbs/A of AMS
*3 tons of compost applied after 2014 crop

*Prevathon aerially applied on 6/19 & 7/5 for grasshopper control at a rate of 8.02 oz/A & 14.10 oz/A respectively
*Appreciation expressed to Mr. Fischbacher, Moore Co. CEA for recording notes and monitoring test block

Soil Type	Sherman silty clay loam
Tillage	Strip-till behind corn
Previous Crop	Corn

Cooperator: Lone Star Family Farms, J. Crownover

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

Dumas
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Terral Seed, Inc.	REV	23BHR55	305
Crop Production Services	Dyna-Gro	D57DC58	301
Golden Acres Genetics	Golden Acres	G6611	286
Crop Production Services	Dyna-Gro	D55VP77	283
Mycogen Seeds	Mycogen	2Y744	279
Terral Seed, Inc.	REV	24BHR93	279
Wilbur-Ellis Company	Integra	9678	277
Terral Seed, Inc.	REV	22BHR43	276
Mycogen Seeds	Mycogen	2Y767	264
Terral Seed, Inc.	REV	18BHR84	258
Mycogen Seeds	Mycogen	2V709	255

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

Dalhart
2015 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)
Golden Acres	G7601	Genuity VT Triple PRO	59	109	49	N/A	19.1	57.6	270
Integra	9678	Genuity VT Triple PRO	58	99	46	N/A	19.0	58.3	270
Golden Acres	G4678DG	Genuity VT Double PRO	59	103	46	N/A	18.8	57.8	263
Phoenix	5942	Agrisure Viptera 3111	58	101	43	N/A	17.8	58.4	256
Dyna-Gro	D57DC58	Genuity VT Double PRO	57	103	45	N/A	17.1	58.8	254
Mycogen	X13813		60	108	50	N/A	18.0	57.5	249
Dyna-Gro	D54DC94	Genuity VT Double PRO	58	107	46	N/A	17.1	57.8	248
Mycogen	MY15T31	RR	60	108	50	N/A	18.9	57.8	246
Dyna-Gro	D55VP77	Genuity VT Triple PRO	60	95	44	N/A	18.2	59.3	243
NK	N72Q		58	105	43	N/A	17.6	58.2	243
Mycogen	2V709		58	101	47	N/A	17.1	58.8	243
Phoenix	6322	Agrisure Viptera 3111	60	104	42	N/A	19.3	56.2	239
REV	24BHR93	Optimum Intrasect	62	108	49	N/A	19.4	58.9	239
REV	25BHR26	Optimum Intrasect	61	105	47	N/A	17.7	60.1	238
REV	18BHR84	Optimum Intrasect	57	98	40	N/A	17.1	58.8	237
Integra	6474	Genuity VT Double PRO	59	105	49	N/A	18.8	57.5	237
Phoenix	8400	Agrisure Viptera 3111	60	112	46	N/A	18.2	59.5	235
Phoenix	6542	Agrisure Viptera 3111	60	112	49	N/A	19.2	56.6	233
Golden Acres	G6611	Genuity VT Triple PRO	59	101	44	N/A	16.7	58.9	232
Integra	6709	Genuity VT Triple PRO	59	108	49	N/A	19.0	57.5	232
NK	N73Y	N/A	60	106	46	N/A	18.1	55.8	228
Dyna-Gro	D53VC47	Genuity VT Double PRO RIB	58	102	39	N/A	18.0	57.6	223

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

Dalhart
2015 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	D58QC72	Agrisure Viptera 3110	60	108	45	N/A	22.8	57.4	223
Phoenix	6606	Agrisure Viptera 3111	60	114	44	N/A	18.8	59.8	223
REV	23BHR55	Optimum Intrasect	61	101	45	N/A	16.5	59.1	223
Phoenix	6012	Agrisure 3220 E-Z Refuge	58	104	45	N/A	17.9	58.0	223
REV	22BHR43	Optimum Intrasect	57	108	44	N/A	16.3	61.0	221
Phoenix	5552	Agrisure Viptera 3111	57	98	38	N/A	17.3	56.8	213
Texas A&M AgriLife Research	GP7169GT/TX777	RR	63	117	59	N/A	22.8	56.8	141

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

Dalhart
2015 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH

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)
		Mean	59	105	46		18.4	58.2	235
		C.V. %	2.0	4.2	7.2		8.0	1.1	13.5
		P>f (hybrid)	0.000	0.000	0.000		0.000	0.000	0.038
		L.S.D.	1.7	6.2	4.6		2.2	1.0	47.6

Agronomic information

Plant Date	5/27/2015
Harvest Date	10/29/2015
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	32,000
N (lb/ac)	225
P2O5 (lb/ac)	10
K2O (lb/ac)	0
Precipitation (in)	25.58
Irrigation (in)	22

Herbicide

Applied 1 lb/A of Atrazine + 2 oz/A of Balance Flex prior to planting. Applied 3 oz/A of Status + 22 oz/A of Roundup at V7 stage

Trial Notes

*Appreciation expressed to Mr. Mike Bragg, Dallam CEA for securing flowering notes & monitoring test site.
*Volunteer corn was an issue in the test block. A combination of cultivation and hand-hoeing reduced volunteer plants.

*12 oz/A of Prevathon applied for grasshopper control. Two additional applications of Prevathon were applied to the outside of field to reduce grasshopper pressure.
*Used LEPA bubbler at 700 gpm during growing season

Soil Type	Dallam loam
Tillage	Sweep plowed & chiseled before planting. A no-till Kinze planter was used to mark rows for the plot planter
Previous Crop	Corn

Cooperator Gerald Wilhelm

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

Dalhart
Corn
2-Year Summary

Company	Brand	Hybrid	Yield (bu/acre)
Golden Acres Genetics	Golden Acres	G6611	268
Terral Seed, Inc.	REV	23BHR55	264
Wilbur-Ellis Company	Integra	9678	263
Crop Production Services	Dyna-Gro	D57DC58	258
Terral Seed, Inc.	REV	24BHR93	251
Terral Seed, Inc.	REV	18BHR84	248
Mycogen Seeds	Mycogen	2V709	245
Crop Production Services	Dyna-Gro	D55VP77	245
Terral Seed, Inc.	REV	22BHR43	230

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

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Texas A&M AgriLife Extension Personnel: Archie Abrameit, Mark Arnold, Mike Bragg, Ryan Collett, Marcel Fischbacher, Bob McCool.

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LITERATURE CITED

1. National Weather Service, Advanced Hydrological Prediction Service http://water.weather.gov/precip/index.php

Produced by the Department of Soil and Crop Sciences.
Additional publications may be viewed at http://soilcrop.tamu.edu.