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Department of Soil and Crop Sciences

# 2010 Corn Performance Tests in Texas

**Dennis Pietsch**

Director, Crop Testing

**Jürg M. Blumenthal**

State Sorghum Cropping Systems Specialist

**Steve Labar**

Research Technician II

**Seth Murray**

Assistant Professor of Quantitative Genetics

*AgriLIFE* EXTENSION

Texas A&M System

*AgriLIFE* RESEARCH

Texas A&M System

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KEYWORDS: Texas, corn, hybrids, performance test, yield, disease, insect resistance.

## **2010 CORN PERFORMANCE TESTS IN TEXAS**

Dennis Pietsch, Jurg Blumenthal, Steve Labar, and Seth Murray

### **INTRODUCTION**

In 2010, according to preliminary figures compiled by the Texas Agricultural Statistics Service (TASS), November 2010 (1), Texas farmers harvested 2.1 million acres of corn compared to 1.96 million acres in 2009, or a 7.1% increase. The 2010 acreage represents the largest corn acreage in Texas since 1994 when 2.04 million acres were harvested. Yield per harvested acre also increased from 130 bu/A in 2009 to 143.0 bu/A in 2010. Total production is estimated to be 300.3 million bushels. Using the October, 2010 bushel value, this amounts to a value of \$1.553 billion.

Of the six major crop reporting districts in Texas (Figure 1), only two districts showed a decrease in acreage. Acreage decreased in District 1-N and District 1-S, 4.28% and 12.2% respectively. Meanwhile, District 4, 8N, 9, and 10S reported an increase in acreage. The largest increase in acreage occurred in District 8N (Southcentral), where acreage increased by 51.6%, from 125,300 acres in 2009 to 190,000 in 2010. The High Plains of Texas, represented by Districts 1N and 1S accounted for 885,000 acres, or 42.1% of Texas' harvested acres.

Yield per acre in the High Plains, Districts 1N and 1S is estimated to be 211 bu/A and 200 bu/A respectively. The largest increase in yield occurred in District 8N and District 9. In District 8N, yield increased from 52.2 bu/A in 2009 to 109.5 bu/A, or 109.8%. In District 9, yield increased 94.2%, from 55.6 bu/A to 108.0 bu/A. Excellent growing conditions along with timely rainfall contributed to the yield increase. Also, 2009 was considered a very poor year due to extended drought conditions.

This year, six irrigated and five non-irrigated test sites were evaluated in the major production areas of Texas. These performance tests give farmers the opportunity to assess hybrids and assist them in determining which hybrids are adapted for their area. Approximate locations of the 2010 test sites are shown in Figure 2. Irrigated tests are designated with an (I) and non-irrigated or rain-fed sites with a (NI).

## **CORN PERFORMANCE TESTING IN TEXAS**

Corn hybrids are evaluated annually for field performance at locations that are representative of Texas corn production areas (Figures 1 & 2). This program is conducted by personnel from the Crop Testing Program, Texas AgriLife Research, Texas A&M University, College Station, Texas under CRIS Project 1418; and is financed by fees from participating commercial seed companies (Table 1). A committee of representatives from the seed industry, Texas AgriLife Extension, Texas AgriLife Research, corn and grain sorghum commodity chairmen, and Texas Seed Trade representatives designates all locations annually. Test sites are on privately owned farms or at Texas A&M University AgriLife Research Centers. Commercial seed companies use the State Testing Program to determine the performance of their material at several locations under different and changing environmental conditions.

Ranking order based on grain yield of a hybrid at a given location does not imply that it is recommended for that area. Data contained in this publication are a measure of relative performance of corn hybrids planted during a particular season at the locations shown.

Commercial seed companies also have the opportunity to enter a corn supplemental test. The test is planted either behind or adjacent to the performance test. Companies can have experimental hybrids evaluated at a reduced entry fee rate. Data is to be used for "in-house" purposes only and not to be published.

## **ENTRIES AND REPORTS**

Official entry forms are mailed in January to everyone who has expressed an interest in the Texas corn performance testing program. The forms include the necessary information to make entries in any or all of the locations to be planted. There are no restrictions on the number of hybrids a company may enter, and experimental materials are accepted. Hybrids are entered on a fee basis under their brand name or number designation (Table 1). In addition, commercial and standard check hybrids were entered at the discretion of the Crop Testing Program at selected locations. Commercial checks are hybrids commonly grown in a respective area that were not already entered in the test and designated as "CHECK". After the test plantings are established, each participant receives directions and planting plan information for observation of the test block during the growing season.

After the data has been statistically analyzed, results from each individual test site are put on the Internet and made available to participating companies, farmers, county extension agents, test cooperators, and anyone else who requests the information in a timely manner. A detailed publication combining all test results is produced at a later date. The Crop Testing Program internet address and contact is:

<b>Website:</b>	<b><a href="http://varietytesting.tamu.edu/corn">http://varietytesting.tamu.edu/corn</a></b>
<b>Phone:</b>	<b>(979) 845-8505</b>
<b>E-mail:</b>	<b><a href="mailto:dpietsch@ag.tamu.edu">dpietsch@ag.tamu.edu</a></b>

## FIELD-PLOT TECHNIQUES

Seeds for each hybrid were hand-packaged to obtain a final plant population that was recommended for a respective area. Seeds were distributed by cones mounted on a JD 7100 Max-Emerge plot planter equipped with cones at all test sites.

Cultural and agronomic practices adapted for general use in the area were used as determined by the cooperator. Field data was recorded at the appropriate time and other data collected at harvest. All locations were harvested with a JD 3300 plot combine that was equipped with the Harvestmaster Grain Gauge that measured plot weight, test weight, and grain moisture.

## DATA

The following agronomic data are reported. Each item listed may or may not be quoted in this report for each of the respective locations.

**Cob color**--designated by companies when hybrids are entered: R = red, W = white, P = pink.

**Grain color**--designated by companies when hybrids are entered: Y = yellow, W = white.

**Type GE**--type of genetically enhanced traits submitted by companies.

**Days to silk**--number of days from planting to the time that 50 percent of the plants are showing silk.

**Plant height**--number of inches from ground to top of tassel.

**Ear height**--number of inches from ground to base of ear.

**Grain Moisture**--determined at harvest with electronic equipment mounted on plot combine. Moisture expressed in %.

**Plant population**--expressed as plants per acre. Calculated from number of plants in harvested plot x acre conversion factor.

**Percent Erect plants**--percentage of plants in the harvest area from all replications that are not lodged or broken below the ear. These counts were made at time of harvest.

**Test weight**--determined at harvest with electronic equipment mounted on plot combine. May or may not be presented at all test sites. Expressed as lb/bu.

**Yield**--determined by the following method: mean plot weight (in pounds) x acre conversion factor x  $(100 - \text{mean moisture}/100 - 15.5)/56$ . Yield is expressed in bushels per acre (bu/A). Yields are corrected to 15.5% moisture.

**LSD**--Least Significant Difference. A statistical parameter that measures the minimum difference between two entries to be considered statistically different. When two entries are compared and the difference between them is greater than the LSD, then the entries are judged to be significantly different at the 5% level.

**CV**--Coefficient of Variation. A statistical parameter used to estimate the degree of confidence one may have in published data from replicated tests. C.V.'s below 15% generally indicate reliable, uniform data whereas C.V.'s over 15% indicate a lack of precision, but the data may be useful for comparison

## **RESULTS**

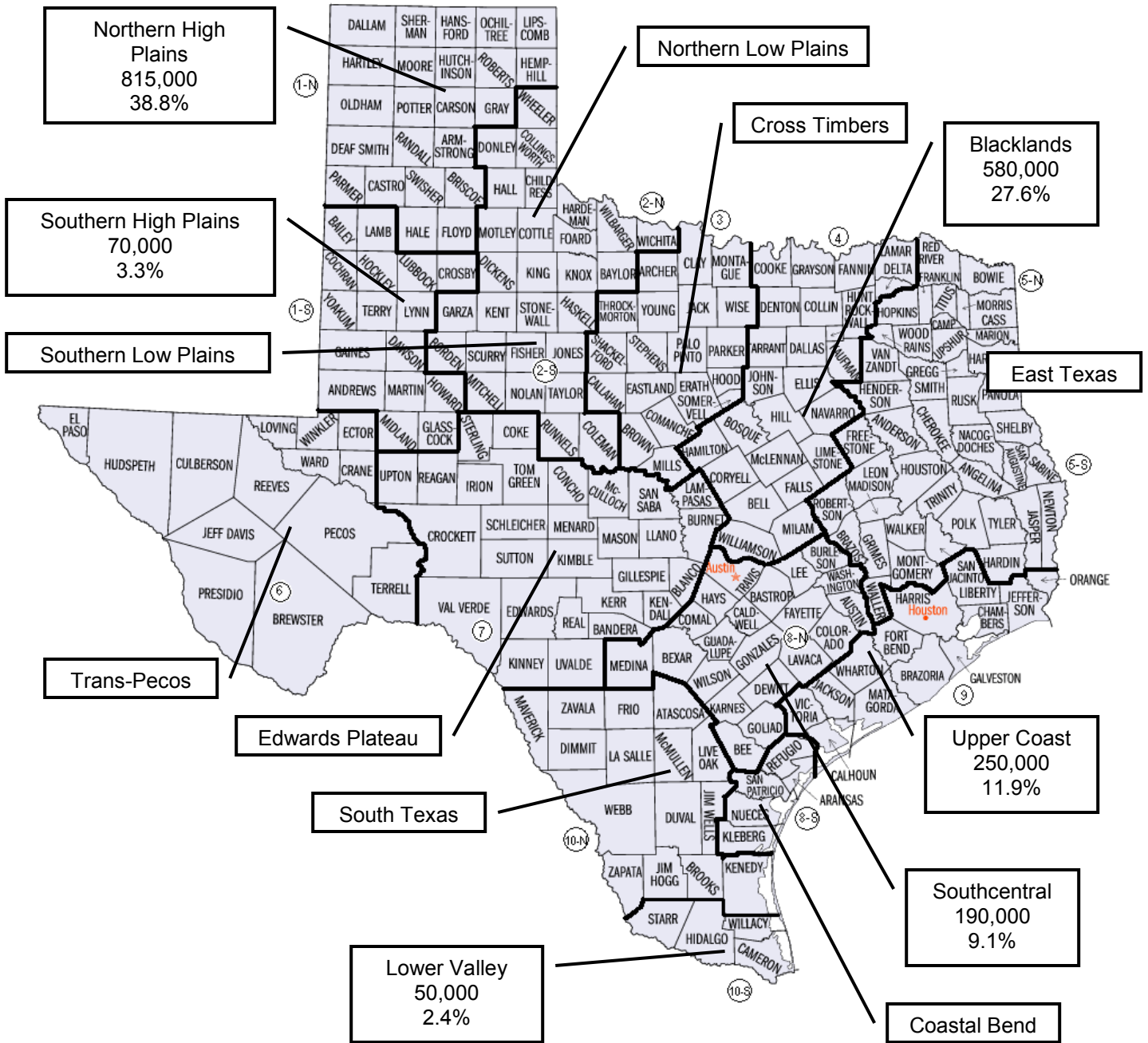
This year, eleven performance test sites were planted and harvested, but data from only 10 sites were posted on our variety testing webpage. Due to a high C.V. (>40%), results from the Leonard site were not published, but data was sent to participating companies for their hybrids only.

Comments regarding each site are presented with the agronomic data.

Results of the performance test locations are presented as follows:

1. Tables 2-11 summarize agronomic and test data information. Comments about the test follow the tables.
2. Tables 2A-11A show performance test information from the respective locations. Some hybrids were in the experimental stage and seed were not available in quantities for farm planting. These hybrids were designated by an experimental number. Individuals may contact seed companies in Table 1 for the availability of planting seed for a particular hybrid.
3. Tables 2B-11B are summaries of hybrids showing yields and ranks at respective locations for the past 3-year period. These summaries are helpful in the selection of hybrids for a particular area. Hybrids not entered for a respective year are designated with a (--). Computer ranked hybrids with the same yields.

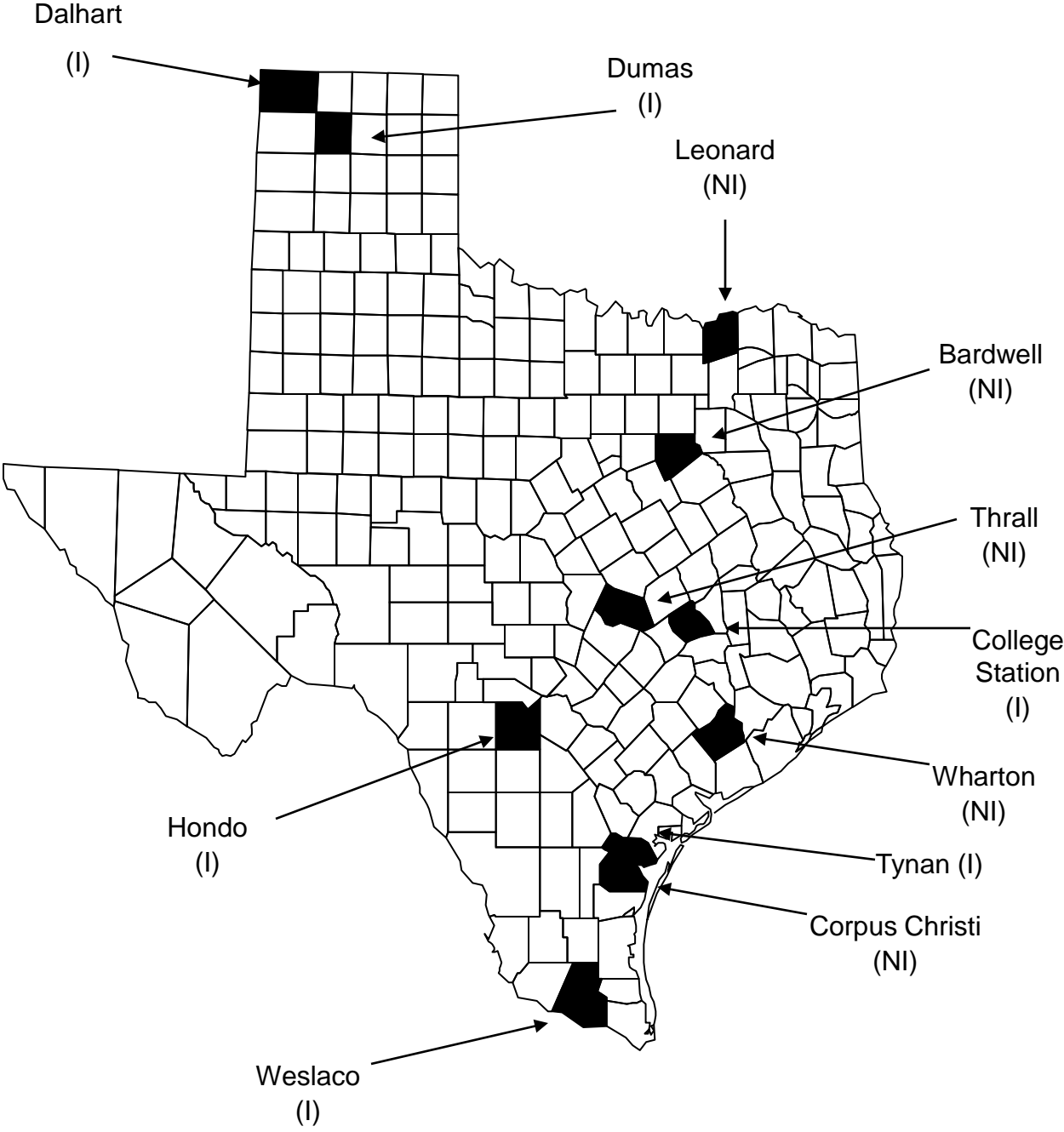
**Figure 1. Acres and Percentage of Corn Acreage Harvested, by Texas Crop Reporting Districts, 2010 (1).**



**Notes:**

- A. The circled figure is the number of each Crop Reporting District.
- B. The figures below each Crop Reporting District represents the district's total harvested acreage and percentage of the total harvested corn acreage in Texas.
- C. The districts with no acreage presented are not considered major corn production areas. Grouped together, these districts account for 145,000 acres or 6.9 % of Texas' harvested acreage (1).

# Figure 2. 2010 Corn Test Locations In Texas



I = Irrigated  
NI = Non Irrigated



Table 1. Name, address, and hybrid designation for participants in the 2010 Texas Corn Performance Test.

Company	Hybrid	Weslaco	Corpus Christi	Tynan	Wharton	Hondo	College Station	Thrall	Bardwell	Leonard	Dumas	Dalhart
Armor Corn	Belle 1161 PRO	X			X	X	X	X	X	X		
	P.O. Box 178 Belle 1545 PRO	X			X	X	X	X	X	X		
Fisher AR, 72429	Belle 1511C	X			X	X	X	X	X	X		
(870) 579-2286	Belle1655 PRO	X			X	X	X	X	X	X		
scottieblanchard@cullumseeds.com	Belle 1560 PRO	X			X	X	X	X	X	X		
	Belle BXC028VT3	X			X	X	X	X	X	X		
	Belle BXC080GT	X			X	X	X	X	X	X		
Croplan Genetics	851 VT3/P	X	X	X	X	X						
13418 Hollow Run	8505 VT3/P	X	X	X	X	X						
San Antonio, TX 78231												
(210) 218-4262												
icmaloff@landlakes.com												
DynaGro Seeds CPS	D56VP24	X	X		X	X	X					
5652 Rosalie Dr.	58V72	X			X	X	X					
Waco, TX 76708	58V50	X			X	X	X					
(254) 723-8348	V5373		X	X	X		X	X	X			
robb.fitzke@cpsagu.com	57V40		X	X	X		X	X	X			
	57V44		X	X			X	X	X			
	57T61						X	X	X			
Golden Acres Genetics	27V01	X		X	X	X	X	X	X	X	X	X
P.O. Box 579	28V71	X		X	X	X	X	X	X	X	X	X
Buchanan Dam, TX 78609	28V81	X		X	X	X	X	X	X	X	X	X
(512) 793-5205	26V31		X	X	X	X	X	X	X	X	X	X
jallison@pegasusbb.com	8315			X	X	X	X	X	X	X	X	X
	26V21			X	X	X	X	X	X	X	X	X
Monsanto Company	DKC67-88 (GENVT3P)	X		X	X	X	X					
800 N. Lindbergh Blvd.	DKC68-05 (GENVT3P)	X	X	X	X	X	X	X	X	X		
St. Louis, MO 63167	DKC66-96 (GENVT3P)	X	X	X	X	X	X	X	X	X		
(314) 694-1000	DKC69-40 (VT3)		X		X	X	X	X	X	X		
www.monsanto.com	DeKalb DKC64-83 (GENVT3P)				X	X					X	X
	DeKalb DKC64-69 (GENVT3P)				X	X					X	X
	DeKalb DKC62-97 (GENVT3P)				X	X					X	X
	DeKalb DKC63-84 (VT3)				X	X					X	X
Monsanto Mexico	MD8481 YYY	X										
atila.deak@monsanto.com	MF-8798	X										
	M19914 YYY	X										
	DKC 68-05	X										
Pioneer (Surovik)	P1615HR								X			
roy.surovik@plantpioneer.com												

Table 1. Name, address, and hybrid designation for participants in the 2010 Texas Corn Performance Test.

Company	Hybrid	Weslaco	Corpus Christi	Tynan	Wharton	Hondo	College Station	Thrall	Bardwell	Leonard	Dumas	Dalhart
Pioneer Hi-Bred International, Inc 1702 South International Blvd. Weslaco, TX 78596 (956) 969-1569 jorge.guzman@pioneer.com	30F53 HR 30P49H	X X										
Syngenta Seeds, Inc P.O. Box 604 Salado, TX 76571 (254) 231-7010 phil.kunz@syngenta.com	N78N-3000GT Brand N77P-3000GT Brand N78S-CB/LL Brand N78B-CB/LL Brand N82V-3000GT Brand N78W-GT/CB/LL Brand N72K-GT/CB/LL Brand				X X X X	X X X	X X X	X X X	X X X	X X X		X X X
Tech Ag manuel_techag@prodigy.net.mx	TG 790 Y TG 8544 Y TG 8535 Y	X X X										
Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254 (318) 231-8811 jmulien@terraiseed.com	REV 25HR39 REV 25HR49 REV 25R19 REV 25R29 REV 26HR50 REV 28HR20 REV 28HR30 REV 28R30 REV 28R10 REV 26R60 REV 28HR29 REV 21HR21 REV 23HR41 REV 24HR51	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X		
Triumph Seed Co., Inc. P.O. Box 1050 Ralls, TX 79357 (888) 621-7333 ben@triumphseed.com	1802VT3 TRX01810 1420X 7514S TRX01714 1522V 1601X 1326X 1217Cb	X		X				X				

Table 1. Name, address, and hybrid designation for participants in the 2010 Texas Corn Performance Test.

Company	Hybrid	Weslaco	Corpus Christi	Tynan	Wharton	Hondo	College Station	Thrall	Bardwell	Leonard	Dumas	Dalhart
Warner Seeds, Inc	W4744VT3		X	X	X		X	X				
1440 CR 111	W4777VT3		X	X	X		X	X				
Lampasas, TX 76550	WX1435VT3		X	X	X		X	X				
(512) 564-1963	WX1474VT3		X	X	X		X	X				
fgalston@wildblue.net												
Wilbur-Ellis Company	Integra EXP 931114	X		X		X	X					
10112 Saddle Creek Rd.	Integra 9664	X		X	X		X	X		X		
Waco, TX 76708	Integra 9676	X		X	X		X	X		X	X	
(254) 836-5410	Integra EXP 942117			X		X					X	X
mcritten@wilburellis.com	Integra 9640				X						X	X
	Integra 9650				X						X	X
	Integra 9613						X	X		X	X	X
	Integra 9602							X	X	X		
	Integra 9651										X	X
Texas Agricultural Experiment Station	TAC-1	X	X	X	X	X	X	X	X	X	X	X
Seth Murray	TAC-2	X	X	X	X	X	X	X	X	X	X	X
College Station, TX 77843	TAC-3	X	X	X	X	X	X	X	X	X	X	X
(979) 845-3469	TAC-4	X	X	X	X	X	X	X	X	X	X	X
sethmurray@neo.tamu.edu	TAC-5	X	X	X	X	X	X	X	X	X	X	X
	TAC-6	X	X	X	X	X	X	X	X	X	X	X
	TAC-7	X	X	X	X	X	X	X	X	X	X	X
	TAC-8	X	X	X	X	X	X	X	X	X	X	X

Table 2.

## AGRONOMIC AND TEST INFORMATION: WESLACO

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TEST:	2010 Irrigated Corn Performance Test
LOCATION:	Texas A&M University Research and Extension Center, Hiler Farm, Weslaco, Texas
COOPERATORS:	Beto Garza and Eddie Hernandez
SOIL TYPE:	Raymondville clay loam
ROW WIDTH:	40"
PREVIOUS CROP:	Sugar Cane
LAND PREPARATION:	Disked, chiseled, disked, bedded
DATE PLANTED:	2-18-10 with cones mounted on an ALMACO planter using JD Max-Emerge II units. Test was planted on raised beds
PLOT LENGTH:	2 rows 25'
FERTILIZER:	1-27-10: 100+0+0 as 32+0+0 + 2 qt/A of Quick Boost & Awaken 3-22-10: 100+0+0 as 32+0+0
HERBICIDE:	3-22-10: 2 pt/A of Atrazine 4E
INSECTICIDE:	None
RAINFALL:	February = 0.96"; March = 0.10"; April = 3.38"; May = 1.54"; June = 11.02"; July = 2.61" Total = 19.61"
IRRIGATIONS:	Furrow irrigated on 3-31, and 5-6 of approximately 6" each
DATE HARVESTED:	7-20-10 with JD 3300 plot combine equipped with Grain Gauge.
SIZE HARVESTED PLOT:	2 rows, 25'
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	52
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	24,502 plants/A
TEST MEAN:	161.9 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	6.3%

COMMENTS: A well-prepared seedbed, good growing conditions, and timely rainfall in April and May resulted in excellent yields at this test site despite adverse conditions prior to harvest.

The test block was planted on February 18, which is usually within our “planting window”, however it is probably 10-14 days later than the optimum planting date for this area. Seedling emergence was rapid and excellent plant stands were obtained.

Timely rainfall in April and May in addition to two supplemental irrigations provided plants with ample moisture during the growing season. A good fertilization program provided the necessary plant nutrients for continuous plant growth and development.

Prior to harvest, two major weather events delayed the harvest date. First, Hurricane Alex dumped approximately 8.9” of rainfall on the test block between June 30 and July 1. This major weather event was accompanied by high winds. Then, approximately a week later, the test block received another 2.6” of rain from another tropical storm. In all, a total of 11.5” of rain were recorded within a 10-day period. Despite the high winds and rainfall from the two rain events, lodging was not a major problem as reflected in the following table.

The test mean yield was 161.9 bu/A compared to the past 3-year average of 140.9 bu/A. Two hybrids produced over 180 bu/A. The mean test weight was 58.1 lb/bu. Originally, the test consisted of 60 total entries, however eight entries submitted by Texas AgriLife Research were deleted from the test. Statistics were run from the remaining 52 entries. Please note that Fill 1 and Fill 2 were each entered six times. All entries were analyzed separately, but combined as single entries in the final table. This was a very uniform test as reflected by the C.V. of 6.3%.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
Please visit the Crop Testing web page at <http://varietytesting.tamu.edu>

Table 2A. 2010 Weslaco Corn Performance Test, Texas AgrilLife Research Annex Farm, Weslaco, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant			Mois- ture %	Test Wt. lb/bu	Yield bu/A
					50% Silk	Plant Ht. In.	Ear Ht. In.	% Erect Plants	Pop. Per Acre			
REV28HR20	Terral Seed Inc.	Y	R	HX1/LL/RR2	82	97	34	98.2	25,287	14.8	59.5	188.1
REV26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	80	91	27	97.7	25,418	15.0	60.3	181.6
DKC 68-05	Monsanto Mexico	Y	R	*	76	92	34	99.8	25,417	13.8	58.7	179.7
REV28R10	Terral Seed Inc.	Y	R	RR2	80	97	36	99.8	24,830	14.7	59.8	178.9
Integra 9676	Wilbur-Ellis Company	Y	*	VT3PRO	78	97	37	100.0	25,156	13.6	58.7	177.6
30P49H	Pioneer Hi-Bred Int., Inc. (Guzman)	W	W	HX1,LL	80	100	42	88.0	24,895	16.8	59.0	177.1
8505VT3/P	Croplan Genetics	Y	R	VT3/P	77	98	36	99.8	25,483	13.6	58.5	175.6
27V01	Golden Acres Genetics	Y	R	VT3 Pro	80	92	32	87.7	25,875	12.5	56.9	173.8
Belle 1655 PRO	Armor Corn	Y	*	RR2YGCBRW	79	95	36	100.0	24,699	14.0	58.4	171.8
28V71	Golden Acres Genetics	Y	R	VT3 Pro	80	102	39	96.9	25,548	14.1	57.4	170.4
DKC68-05 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	77	91	34	99.8	25,025	13.7	58.6	170.0
1802VT3	Triumph Seed Co.	Y	R	VT3	82	93	37	97.9	25,221	14.1	58.0	169.2
Fill 1	Texas AgrilLife Research	Y	R	VT3 Pro	80	96	34	87.5	24,862	12.1	56.6	168.6
851VT3/P	Croplan Genetics	Y	R	VT3/P	81	94	34	88.7	25,091	12.0	56.7	167.9
58V50	DynaGro Seeds CPS	*	*	VT3	78	95	36	89.4	24,699	13.7	59.3	167.1
DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	76	94	34	98.0	25,352	13.1	58.6	167.0
MF 8798	Monsanto Mexico	*	*	*	81	91	36	82.9	24,568	17.8	54.8	166.6
Integra EXP 931114	Wilbur-Ellis Company	Y	*	VT3	78	89	29	92.4	25,679	13.1	57.9	166.4
28V81	Golden Acres Genetics	Y	R	VT3 Pro	79	93	38	100.0	24,698	13.8	58.6	166.0
D56VP24	DynaGro Seeds CPS	*	*	VTPro	80	95	34	91.3	24,503	12.2	56.9	164.7
Belle 1161 PRO	Armor Corn	Y	*	RR2YGCBRW	75	97	28	97.4	25,221	12.3	57.7	163.5
Belle 1545 PRO	Armor Corn	Y	*	RR2YGCBRW	77	98	33	85.7	23,588	12.9	58.4	163.5
REV28HR30	Terral Seed Inc.	Y	R	HX1/LL/RR2	80	94	34	95.3	24,372	14.6	58.3	163.4
Belle BXGO80GT	Armor Corn	Y	*	RR	77	94	33	96.9	25,287	13.7	58.9	158.3
Integra 9664	Wilbur-Ellis Company	Y	*	VT3PRO	76	92	32	99.8	24,503	14.2	59.8	157.9
MD 8481YY	Monsanto Mexico	*	*	*	83	87	35	94.0	24,895	16.6	56.3	157.7
58V72	DynaGro Seeds CPS	*	*	VT3	77	99	36	98.7	24,503	11.9	56.2	157.5

## **2010 CORN PERFORMANCE TESTS IN TEXAS**

By

Dennis Pietsch

Jurg Blumenthal

Steve Labar

Seth Murray

SCS-2010-10

Respectively, Director, Crop Testing; Associate Professor; Agricultural Research Technician; and Assistant Professor, Department of Soil and Crop Sciences, Texas AgriLife Research, The Texas A&M University System, College Station, Texas.

Table 2A. 2010 Weslaco Corn Performance Test, Texas AgrilLife Research Annex Farm, Weslaco, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture % lb/bu	Test Wt. lb/bu	Yield bu/A
					to 50% Silk	Plant Ht. In.						
REV25HR49	Terral Seed Inc.	Y	R	HX1/LL/RR2	77	97	30	99.2	23,523	14.0	59.3	156.9
TG 8535Y	Techag de Mexico S.A. de C.V.	Y	*	*	80	96	39	76.6	25,221	13.6	59.5	156.1
DKC67-88 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	81	96	39	96.6	23,522	15.8	58.7	156.0
REV25HR39	Terral Seed Inc.	Y	R	HX1/LL/RR2	78	96	34	97.4	24,241	13.3	59.9	155.2
Belle 1511C	Armor Corn	Y	*	None	78	95	33	98.6	23,392	13.7	60.2	155.2
REV25R19	Terral Seed Inc.	Y	R	RR2	78	96	34	97.8	23,130	13.3	59.9	154.2
TG 790Y	Techag de Mexico S.A. de C.V.	Y	*	*	78	95	35	96.4	23,065	12.4	57.6	153.3
Fill 2	Texas AgrilLife Research	Y	R	*	77	94	34	82.0	23,468	13.0	56.8	150.7
M 19914YYY	Monsanto Mexico	*	*	*	81	94	38	91.7	24,045	15.7	58.2	148.9
30F53HR	Pioneer Hi-Bred Int., Inc. (Guzman)	Y	W	HXRR	83	92	42	94.3	23,980	17.1	59.0	148.2
Belle BXCO28VT3	Armor Corn	Y	*	RR2YGCBRW	76	91	32	99.7	25,156	14.8	59.5	147.9
TV25BR23	Terral Seed Inc.	Y	R	RR2	78	94	32	87.1	23,326	12.0	56.8	146.4
REV25R29	Terral Seed Inc.	Y	R	RR2	77	96	32	98.3	23,457	13.4	58.9	144.5
TG 8544Y	Techag de Mexico S.A. de C.V.	Y	*	*	78	96	36	89.5	25,221	14.7	60.8	143.4
Belle 1560 PRO	Armor Corn	Y	*	RR2YGCBRW	74	94	25	99.4	23,065	12.8	58.8	134.3
Mean					78.53	94.61	34.15	92.6	24,502	13.6	58.1	161.9
C.V.					2.88	4.18	9.96	6.24	4.63	3.21	0.64	6.3
L.S.D. .05					3.21	5.61	4.83	8.20	1,610	0.62	0.52	14.4

Note 1: All data was analyzed using REML TOOL. L.S.D.'s are given for traits that were significantly different at P<.05.

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas AgrilLife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 3: Hybrids with the same yield were ranked by computer.

(1) Golden Acres 27V01 (Fill 1) and an unnamed hybrid (Fill 2) were each entered six times as fill hybrids in the test at our discretion. They were analyzed separately, but combined in the table as a single entry. They are intended to be used for comparison purposes only.

(2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.



Table 2A. 2010 Weslaco Corn Performance Test, Texas AgrilLife Research Annex Farm, Weslaco, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Mois- ture %	Test Wt. lb/bu	Yield bu/A
					to 50% Silk	Plant Ht. In.						

(3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

(4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgrilLife Research, College Station, TX (979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>

Table 2B. Three Year Summary (2008-2010), Corn Performance Test, Weslaco, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
REV™ 28HR20	Terral Seed Inc.	1	188.1	5	145.0	--	--
REV™ 26HR50	Terral Seed Inc.	2	181.6	6	144.1	--	--
DKC68-05	Monsanto Mexico	3	179.7	--	--	--	--
REV™ 28R10	Terral Seed Inc.	4	178.9	--	--	--	--
Integra 9676	Wilbur-Ellis Company	5	177.6	--	--	--	--
30P49H	Pioneer Hi-Bred Int., Inc. (Guzman)	6	177.1	--	--	--	--
8505VT3/P	Croplan Genetics	7	175.6	--	--	--	--
27V01	Golden Acres Genetics	8	173.8	--	--	--	--
Belle 1655 PRO	Armor Corn	9	171.8	--	--	--	--
28V71	Golden Acres Genetics	10	170.4	--	--	--	--
DKC68-05 (GENVT3P)	Monsanto Company	11	170.0	--	--	--	--
1802VT3	Triumph Seed Co.	12	169.2	--	--	--	--
Fill 1 (GA 27V01)	Texas AgriLife Research	13	168.6	--	--	--	--
851VT3/P	Croplan Genetics	14	167.9	--	--	--	--
58V50	DynaGro Seeds CPS	15	167.1	8	140.6	--	--
DKC66-96 (GENVT3P)	Monsanto Company	16	167.0	--	--	--	--
MF 8798	Monsanto Mexico	17	166.6	--	--	--	--
Integra EXP 931114	Wilbur-Ellis Company	18	166.4	--	--	--	--
28V81	Golden Acres Genetics	19	166.0	--	--	--	--
D56VP24	DynaGro Seeds CPS	20	164.7	--	--	--	--
Belle 1161 PRO	Armor Corn	21	163.5	--	--	--	--
Belle 1545 PRO	Armor Corn	22	163.5	--	--	--	--
REV™ 28HR30	Terral Seed Inc.	23	163.4	--	--	--	--
Belle BXGO80GT	Armor Corn	24	158.3	--	--	--	--
Integra 9664	Wilbur-Ellis Company	25	157.9	--	--	--	--
MD 8481YYY	Monsanto Mexico	26	157.7	--	--	--	--
58V72	DynaGro Seeds CPS	27	157.5	17	134.1	--	--
REV™ 25HR49	Terral Seed Inc.	28	156.9	--	--	--	--
TG 8535Y	Tech Ag.	29	156.1	--	--	--	--
DKC67-88 (GENVT3P)	Monsanto Company	30	156.0	--	--	--	--

Table 2B. Three Year Summary (2008-2010), Corn Performance Test, Weslaco, Texas.

Hybrid (1)	Company or Brand Name	2010 Rank	2010 Yield bu/A	2009 Rank	2009 Yield bu/A	2008 Rank	2008 Yield bu/A
REV™ 25HR39	Terral Seed Inc.	31	155.2	22	130.3	--	--
Belle 1511C	Armor Corn	32	155.2	--	--	--	--
REV™ 25R19	Terral Seed Inc.	33	154.2	--	--	--	--
TG 790Y	Tech Ag.	34	153.3	--	--	--	--
Fill 2	Texas AgriLife Research	35	150.7	--	--	--	--
M 19914YYY	Monsanto Mexico	36	148.9	--	--	--	--
30F53HR	Pioneer Hi-Bred Int., Inc. (Guzman)	37	148.2	--	--	--	--
Belle BXCO28VT3	Armor Corn	38	147.9	--	--	--	--
TV25BR23	Terral Seed Inc.	39	146.4	--	--	--	--
REV™ 25R29	Terral Seed Inc.	40	144.5	--	--	--	--
TG 8544Y	Tech Ag.	41	143.4	--	--	--	--
Belle 1560 PRO	Armor Corn	42	134.3	--	--	--	--
Fill 1 (27Z07)	Texas AgriLife Research	--	--	1	152.8	--	--
Fill 2 (27Z07)	Texas AgriLife Research	--	--	2	151.4	--	--
58P27	DynaGro UAP	--	--	3	150.1	8	147.3
Terral TV25TR59	Terral Seed Inc.	--	--	4	145.2	--	--
28V87	Golden Acres Genetics	--	--	7	143.0	--	--
58V24	DynaGro Seeds CPS	--	--	9	140.4	--	--
Terral TV27TR79	Terral Seed Inc.	--	--	10	140.2	--	--
DKC67-23 (RR2/YGCB)	Monsanto Company	--	--	11	137.7	--	--
Cebu RR	Monsanto Mexico	--	--	12	137.1	--	--
Terral TV25TR29	Terral Seed Inc.	--	--	13	136.4	--	--
DKC68-06 (RR2/YGCB)	Monsanto Company	--	--	14	135.2	--	--
27Z07	Golden Acres Genetics	--	--	15	134.4	4	154.2
Terral TV26TR41	Terral Seed Inc.	--	--	16	134.1	--	--
Belle 1545VT3	Armor Corn	--	--	18	133.7	--	--
CDKC67-87	Monsanto Company	--	--	19	132.8	--	--
Belle 1646VT3	Armor Corn	--	--	20	132.0	--	--
TG8535	Tech Ag.	--	--	21	130.5	--	--
REV™ 25HR40	Terral Seed Inc.	--	--	23	129.1	--	--

Table 2B. Three Year Summary (2008-2010), Corn Performance Test, Weslaco, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
TG7835	Tech Ag.	--	--	24	127.7	--	--
REV™ 26HR70	Terral Seed Inc.	--	--	25	127.6	--	--
7505 VT3	Cropland Genetics	--	--	26	127.4	23	130.4
DK 2031	Monsanto Mexico	--	--	27	127.0	--	--
Belle 1655VT3	Armor Corn	--	--	28	124.0	--	--
Belle BX990CV	Armor Corn	--	--	29	123.6	--	--
TG8990W	Tech Ag.	--	--	30	122.5	--	--
TG8911W	Tech Ag.	--	--	31	118.7	--	--
REV™ 28R30	Terral Seed Inc.	--	--	32	117.2	--	--
DK 2022RR	Monsanto Mexico	--	--	33	114.7	--	--
Belle BX992CV	Armor Corn	--	--	34	112.6	--	--
Cebu	Monsanto Mexico	--	--	35	112.1	--	--
REV™ 26R60	Terral Seed Inc.	--	--	36	112.0	--	--
DK 2022	Monsanto Mexico	--	--	37	98.2	--	--
H024531	Warner Seeds	--	--	38	97.5	--	--
Don Abel	Warner Seeds	--	--	39	92.3	--	--
Cazador	Warner Seeds	--	--	40	81.7	--	--
Number of Entries		42		40		32	
Test Mean Yield			161.9		128.2		137.9

Table 3.

## AGRONOMIC AND TEST INFORMATION: CORPUS CHRISTI

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TEST:	2010 Dryland Corn Performance Test
LOCATION:	Texas AgriLife Research and Extension Center, Corpus Christi, Texas
COOPERATORS:	Kenneth Schaefer, Dennis Pietsch, and Steve Labar
SOIL TYPE:	Victoria clay
ROW WIDTH:	38"
PREVIOUS CROP:	Fallow
LAND PREPARATION:	In 2008, sorghum stalks were shredded, disked, chiseled, and bedded. In 2009, test block was fallow and beds were not disturbed for the 2010 crop year.
DATE PLANTED:	3-5-10 with a JD 6100 Blackland planter
PLOT LENGTH:	2 rows 22'
FERTILIZER:	11-5-09: Applied 250 lb/A of liquid 23+16+0 + 8.0 lb/A of Tracite (10% Zinc) and incorporated with a Lilliston cultivator 4-10-10: Side-dressed 340 lb/A of liquid 22+15+0
HERBICIDE:	3-6-10: Applied 1.3 pt/A of Dual II Magnum + 1 qt/A of Atrazine
INSECTICIDE:	None, seeds were requested to be treated with a seed insecticide
RAINFALL:	September '09 = 4.32"; October '09 = 2.51"; November '09 = 3.63"; December '09 = 3.66"; January '10 = 2.46"; February = 4.25"; March = 1.12"; April = 2.10"; May = 0.25"; June = 5.64"; July = 5.00" Total = 34.94"
DATE HARVESTED:	7-27-10 with JD 3300 plot combine equipped with Grain Gauge
SIZE HARVESTED PLOT:	2 rows, 22'
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	22
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	18,818 plants/A
TEST MEAN:	107.7 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	10.4%

COMMENTS: Contrary to 2009 when the test block was not planted due to very dry soil conditions, weather conditions were favorable for corn production at this Coastal Bend test site. The season started with a full profile of moisture from fall and winter rains. According to rainfall records, the Texas AgriLife Research Center received 14.12" of rainfall from September, 2009 to December, 2009 and an additional 6.71" in January and February, 2010. Due to wet soil conditions, planting was delayed until March 5, which is approximately two weeks later than the optimum planting date for this area.

Rapid plant growth and development resulted from abundant moisture and a good fertilization program. Weed and grass control was excellent. Early plant stress was observed during the silk stage, but timely rains in June alleviated stress and contributed to final yields. The wind and rain from Hurricane Alex in late June did not have any effect on the corn test. Lodging was observed, but damage was minimal.

The test mean yield was 107.7 bu/A with 17 hybrids producing between 101.3 and 125.2 bu/A. Excellent test weights were recorded with the range being from 55.5 lb/bu to 59.8 lb/bu.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
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Table 3A. 2010 Corpus Christi Dryland Corn Performance Test, Texas Agrilife Research Center, Corpus Christi, Texas.

Hybrid	Company or Brand Name	Grain Color (1)	Cob Color (2)	Type GE (3)	Days to 50% Silk		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Moisture %	Test Wt. lb/bu	Yield bu/A
					Plant Ht. In.	Ear Ht. In.							
D56VP24	DynaGro Seeds CPS	*	*	VTP10	67	83	29	29	93.1	18,836	14.4	55.8	125.2
DKC68-05 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	64	77	28	28	99.6	19,071	15.2	57.4	118.3
DKC69-40 (VT3)	Monsanto Company	Y	R	VT3	64	76	28	28	99.6	18,758	16.3	59.8	117.0
851VT3/P	Croplan Genetics	Y	R	VT3/P	68	83	28	28	88.4	17,977	14.4	55.5	116.1
REV28R10	Terral Seed Inc.	Y	R	RR2	70	85	31	31	98.9	20,087	16.6	58.8	114.4
REV28HR20	Terral Seed Inc.	Y	R	HX1/LL/RR2	70	87	30	30	97.9	18,992	16.6	59.0	113.8
REV26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	67	80	29	29	97.1	18,680	17.0	59.8	113.7
REV28HR30	Terral Seed Inc.	Y	R	HX1/LL/RR2	70	86	33	33	93.8	18,914	16.3	57.9	112.3
V5373	DynaGro Seeds CPS	*	*	VT3/P	66	79	29	29	84.3	18,289	14.3	57.7	110.7
W477VT3	Warner Seeds Inc.	Y	*	VT3	65	79	30	30	100.0	18,914	15.5	56.9	109.9
8505 VT3/P	Croplan Genetics	Y	R	VT3/P	67	80	31	31	100.0	18,055	15.7	57.5	107.7
W4744VT3	Warner Seeds Inc.	Y	*	VT3	69	81	34	34	95.3	18,914	14.6	55.6	107.5
57V44	DynaGro Seeds CPS	*	*	VT3/P	65	82	29	29	63.0	18,680	13.4	56.7	105.9
DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	64	79	26	26	93.0	18,758	14.4	57.4	105.6
REV28R30	Terral Seed Inc.	Y	R	RR2	70	85	31	31	98.0	19,305	15.7	57.5	103.3
WX1435VT3	Warner Seeds Inc.	Y	*	VT3	65	81	23	23	92.4	18,445	14.4	55.8	103.1
REV25R29	Terral Seed Inc.	Y	R	RR2	65	85	30	30	95.8	19,071	14.5	58.0	101.3
D51VP40	DynaGro Seeds CPS	*	*	VTP10	65	79	25	25	92.5	19,071	13.3	56.4	99.5
REV25HR49	Terral Seed Inc.	Y	R	HX1/LL/RR2	68	80	27	27	98.3	18,524	14.9	57.9	99.3
REV25R19	Terral Seed Inc.	Y	R	RR2	68	83	30	30	98.1	20,243	15.1	59.0	98.6
WX1474VT3	Warner Seeds Inc.	Y	*	VT3	65	76	28	28	89.7	18,289	15.0	58.5	97.2
REV25HR39	Terral Seed Inc.	Y	R	HX1/LL/RR2	68	80	30	30	97.7	18,133	14.9	58.1	88.9
Mean					66.68	81.02	28.93	28.93	93.9	18,818	15.1	57.6	107.7
C.V.					1.64	3.77	9.04	9.04	7.22	6.46	2.21	0.70	10.4
L.S.D. .05					1.61	4.50	3.85	3.85	9.97	NS	0.49	0.60	16.5

Table 3A. 2010 Corpus Christi Dryland Corn Performance Test, Texas AgrilLife Research Center, Corpus Christi, Texas.

Hybrid	Company or Brand Name	Grain Color (1)	Cob Color (2)	Type GE (3)	Days to		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
					50% Silk	Plant Ht. In.							

Note 1: All data was analyzed using REMLTOOL. L.S.D.'s are given for traits that were significantly different at P<.05.

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas AgrilLife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 3: Hybrids with the same yield were ranked by computer.

(1) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.

(2) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

(3) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

For further information about this report, contact Mr. Dennis Pletsch, Crop Testing Director, Texas AgrilLife Research, College Station, TX (979) 845-8505, dpietsch@ag.tamu.edu  
Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>



Table 3B. Three Year Summary (2008-2010), Corn Performance Test, Corpus Christi, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
D56VP24	DynaGro Seeds CPS	1	125.2	--	--	--	--
DKC68-05 (GENVT3P)	DynaGro Seeds CPS	2	118.3	--	--	--	--
DKC69-40 (VT3)	Monsanto Company	3	117.0	--	--	2	58.0
851VT3/P	Croplan Genetics	4	116.1	--	--	--	--
REV28R10	Terral Seed Inc.	5	114.4	--	--	--	--
REV28HR20	Terral Seed Inc.	6	113.8	--	--	--	--
REV26HR50	Terral Seed Inc.	7	113.7	--	--	--	--
REV28HR30	Terral Seed Inc.	8	112.3	--	--	--	--
V5373	DynaGro Seeds CPS	9	110.7	--	--	--	--
W4777VT3	Warner Seeds Inc.	10	109.9	--	--	--	--
8505 VT3/P	Croplan Genetics	11	107.7	--	--	--	--
W4744VT3	Warner Seeds Inc.	12	107.5	--	--	--	--
57V44	DynaGro UAP	13	105.9	--	--	7	53.5
DKC66-96 (GENVT3P)	Monsanto Company	14	105.6	--	--	--	--
REV28R30	Terral Seed Inc.	15	103.3	--	--	--	--
WX1435VT3	Warner Seeds Inc.	16	103.1	--	--	--	--
REV25R29	Terral Seed Inc.	17	101.3	--	--	--	--
57V40	DynaGro Seeds CPS	18	99.5	--	--	--	--
REV25HR49	Terral Seed Inc.	19	99.3	--	--	--	--
REV25R19	Terral Seed Inc.	20	98.6	--	--	--	--
WX1474VT3	Warner Seeds Inc.	21	97.2	--	--	--	--
REV25HR39	Terral Seed Inc.	22	88.9	--	--	--	--
Number of Entries		22		--		14	
Test Mean Yield			107.7		--		50.4

Note: 2009 Test not planted due to drought

Table 4.

## AGRONOMIC AND TEST INFORMATION: TYNAN

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TEST:	2010 Irrigated Corn Performance Test
LOCATION:	Erich Schneider Farm, Tynan, Texas
COOPERATORS:	Erich Schneider and Duane Campion
SOIL TYPE:	Victoria clay loam
ROW WIDTH:	30"
PREVIOUS CROP:	Cotton
LAND PREPARATION:	Ripped, chiseled, disked, and field-cultivated
DATE PLANTED:	3-4-10, planted flat with cones mounted on an ALMACO planter using JD Max-Emerge II units
PLOT LENGTH:	2 rows 26'
FERTILIZER:	Fall '09: Applied 223 lb/A of 20-10-0 Applied 220 lb/A of 32+0+0 thru center pivot system during growing season
HERBICIDE:	Applied 1 qt/A of Roundup, pre-emerge Applied 1 lb a.i./A Atrazine + .3 oz/A of Peak, pre-emerge
INSECTICIDE:	None, seeds were requested to be treated with a seed insecticide
RAINFALL:	27.3" of rainfall was recorded from January thru mid-August.
IRRIGATIONS:	A total of 4.5" were applied through the center pivot irrigation system at a rate of 1.5" per application.
DATE HARVESTED:	8-2-10 with JD 3300 plot combine equipped with Grain Gauge
SIZE HARVESTED PLOT:	2 rows, 26'
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	32
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	27,588 plants/A
TEST MEAN:	188.8 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	6.1%

COMMENTS: This test, located near Tynan in Bee County, is representative of conditions in the Coastal Bend Area of Texas. Although most of the corn acreage in the Coastal Bend Area is produced under natural rainfall, there is some acreage produced under an irrigated scenario using center pivot systems. Irrigation in this area is basically designed to be used as a supplemental water source, if needed, instead of a primary water source when dry conditions persist. Over the past several years, it has been observed that timely applied irrigations in addition to well-distributed rainfall during the growing season have resulted in excellent yields in this area.

For 2010, outstanding yields were achieved at this test site due to a combination of timely rainfall, excellent plant stands, and good growing conditions. The season started with a full profile of moisture from abundant rainfall during the fall and winter months. The test was planted on March 4 which is approximately two weeks later than the optimum planting date for this area.

Good growing conditions throughout the growing season in addition to timely rains contributed to continuous plant growth and development. Due to the beneficial rains, only 4.5" of irrigation water were applied to the test block. Pre-plant fertilizer, in addition to nitrogen applied through the center pivot system, provided the necessary nutrients required by the crop.

Seeds for the test were packaged to obtain a final plant population between 28-29,000 plants per acre. This year, due to the abundant moisture and optimum growing conditions, it appears there was a direct correlation between plant density and yield. In most instances, lower densities did not produce as much grain as the higher densities did. This is reflected in the following table, as well as from reports by individuals in the surrounding area.

The test mean yield was 188.8 bu/A compared to the past three year average of 130.0 bu/A. Four hybrids produced over 200 bushels per acre. Excellent bushel weights were also attained from the test, with the test mean being 59.2 lb/bu. This was a very uniform test as reflected by the C.V. of 6.1%.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
Please visit the Crop Testing web page at <http://varietytesting.tamu.edu>

Table 4A. 2010 Tynan Corn Performance Test, Erich Schneider Farm, Tynan, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant			Mois- ture %	Test Wt. lb/bu	Yield bu/A
					50% Silk	Plant Ht. In.	Ear Ht. In.	% Erect Plants	Pop. Per Acre			
27V01	Golden Acres Genetics	Y	R	VT3 Pro	70	88	35	97.4	28,733	13.1	57.4	213.1
REV26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	70	80	29	100.0	27,979	14.6	61.2	205.7
V5373	DynaGro Seeds CPS	*	*	VT3/P	69	87	34	95.1	27,560	12.2	58.6	200.4
26V31	Golden Acres Genetics	Y	W	VT3 Pro	69	87	35	97.9	28,230	12.2	57.9	200.0
Integra EXP 942117	Wilbur-Ellis Company	Y	*	HXTRR2	69	87	37	94.1	32,000	12.2	58.0	199.9
28V71	Golden Acres Genetics	Y	R	VT3 Pro	69	91	39	99.7	28,901	14.4	58.4	199.5
851 VT3/P	Croplan Genetics	Y	R	VT3/P	70	86	33	96.6	28,555	12.3	57.1	199.5
DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	67	79	32	100.0	27,811	12.7	59.7	197.3
D51VP40	DynaGro Seeds CPS	*	*	VT3 Pro	69	83	33	99.1	28,482	11.9	58.5	196.3
DKC67-88 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	70	87	38	98.2	27,644	14.8	60.3	195.0
8505 VT3/P	Croplan Genetics	Y	R	VT3/P	69	84	37	100.0	26,890	13.1	59.2	194.4
Integra EXP 931114	Wilbur-Ellis Company	Y	*	VT3	69	80	29	100.0	28,398	12.7	58.3	193.5
Integra 9676	Wilbur-Ellis Company	Y	*	VT3PRO	69	83	37	100.0	27,225	13.5	59.1	193.3
REV28HR20	Terral Seed Inc.	Y	R	HX1/LL/RR2	72+	89	35	99.7	26,471	14.4	60.6	191.6
57V44	DynaGro Seeds CPS	*	*	VT3	69	87	35	98.1	27,141	12.0	58.5	191.2
REV28R30	Terral Seed Inc.	Y	R	RR2	72	91	36	100.0	28,063	14.3	60.1	189.0
W4744VT3	Warner Seeds, Inc.	Y	*	VT3	70	90	38	96.3	27,225	11.8	57.2	188.4
WX1435VT3	Warner Seeds, Inc.	Y	*	VT3	69	82	28	98.7	28,072	12.6	58.1	187.6
REV25HR39	Terral Seed Inc.	Y	R	HX1/LL/RR2	69	86	37	100.0	26,136	13.5	61.0	187.1
REV28R10	Terral Seed Inc.	Y	R	RR2	70	88	34	100.2	28,348	14.2	60.4	184.2
REV28HR30	Terral Seed Inc.	Y	R	HX1/LL/RR2	70	90	37	99.9	26,844	13.9	59.9	183.9
Fill	Texas AgriLife Research	Y	R	RR2	68	78	34	100.0	27,866	12.9	58.7	183.2
REV25R19	Terral Seed Inc.	Y	R	RR2	70	87	36	100.0	27,727	13.7	61.3	182.1
REV25HR49	Terral Seed Inc.	Y	R	HX1/LL/RR2	69	86	33	99.5	25,405	13.3	59.7	180.9
WX1474VT3	Warner Seeds, Inc.	Y	*	VT3	69	84	35	100.0	27,141	14.5	60.4	180.7
DKC68-05 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	67	78	34	100.0	26,052	13.3	59.1	178.9
Integra 9664	Wilbur-Ellis Company	Y	*	VT3PRO	66	81	31	100.0	27,393	13.3	60.3	177.1
W4777VT3	Warner Seeds, Inc.	Y	*	VT3	68	86	37	99.9	26,174	13.1	58.8	175.6
REV25R29	Terral Seed Inc.	Y	R	RR2	69	85	35	99.9	26,509	13.2	59.8	173.5
TRX01810	Triumph Seed Co., Inc.	Y	P	HXXT/RR	70	87	41	100.0	26,098	14.4	59.8	153.0

Table 4A. 2010 Tynan Corn Performance Test, Erich Schneider Farm, Tynan, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
					50% Silk	Plant Ht. In.						
Mean					68.94	84.69	34.73	99.1	27,588	13.2	59.2	188.8
C.V.					0.90	2.84	5.98	2.52	5.16	3.14	0.61	6.1
L.S.D. .05					1.04	3.47	2.99	NS	2,170	0.64	0.55	17.4

Note 1: All data was analyzed using REML TOOL. L.S.D.'s are given for traits that were significantly different at  $P < .05$ .

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas AgriLife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 3: Hybrids with the same yield were ranked by computer.

(1) Monsanto Company DKC68-05 was entered three times as a fill hybrid in the test at our discretion. Each entry was analyzed separately, but combined in the table as a single entry. It is intended to be used for comparison purposes only.

(2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.

(3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

(4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX (979) 845-8505, dpietsch@ag.tamu.edu

Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>

Table 4B. Three Year Summary (2008-2010), Corn Performance Test, Tynan, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
27V01	Golden Acres Genetics	1	213.1	--	--	--	--
REV™ 26HR50	Terral Seed Inc.	2	205.7	28	69.2	--	--
V5373	DynaGro Seeds CPS	3	200.4	6	112.6	--	--
26V31	Golden Acres Genetics	4	200.0	--	--	--	--
Integra EXP 942117	Wilbur-Ellis Company	5	199.9	--	--	--	--
28V71	Golden Acres Genetics	6	199.5	--	--	--	--
851 VT3/P	Croplan Genetics	7	199.5	--	--	--	--
DKC66-96 (GENVT3P)	Monsanto Company	8	197.3	--	--	--	--
57V40	DynaGro Seeds CPS	9	196.3	--	--	--	--
DKC67-88 (GENVT3P)	Monsanto Company	10	195.0	--	--	--	--
8505 VT3/P	Croplan Genetics	11	194.4	--	--	--	--
Integra EXP 931114	Wilbur-Ellis Company	12	193.5	--	--	--	--
Integra 9676	Wilbur-Ellis Company	13	193.3	--	--	--	--
REV™ 28HR20	Terral Seed Inc.	14	191.6	7	111.9	--	--
57V44	DynaGro UAP	15	191.2	--	--	14	106.9
REV™ 28R30	Terral Seed Inc.	16	189.0	16	104.7	--	--
W4744VT3	Warner Seeds, Inc.	17	188.4	--	--	--	--
WX1435VT3	Warner Seeds, Inc.	18	187.6	--	--	--	--
REV™ 25HR39	Terral Seed Inc.	19	187.1	15	104.8	--	--
REV™ 28R10	Terral Seed Inc.	20	184.2	--	--	--	--
REV™ 28HR30	Terral Seed Inc.	21	183.9	--	--	--	--
Fill (DKC68-05)	Texas AgrLife Research	22	183.2	--	--	--	--
REV™ 25R19	Terral Seed Inc.	23	182.1	--	--	--	--
REV™ 25HR49	Terral Seed Inc.	24	180.9	11	107.4	--	--
WX1474VT3	Warner Seeds, Inc.	25	180.7	--	--	--	--
DKC68-05 (GENVT3P)	Monsanto Company	26	178.9	--	--	--	--
Integra 9664	Wilbur-Ellis Company	27	177.1	--	--	--	--
W4777VT3	Warner Seeds, Inc.	28	175.6	--	--	--	--
REV™ 25R29	Terral Seed Inc.	29	173.5	--	--	--	--
TRX01810	Triumph Seed	30	153.0	--	--	--	--

Table 4B. Three Year Summary (2008-2010), Corn Performance Test, Tynan, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
Terral TV27TR79	Terral Seed Inc.	--	--	1	123.1	--	--
Terral TV25TR59	Terral Seed Inc.	--	--	2	122.9	--	--
Fill 1 (27Z07)	Texas Agrilife Research	--	--	3	120.2	--	--
Terral TV25TR29	Terral Seed Inc.	--	--	4	119.3	--	--
27Z07	Golden Acres Genetics	--	--	5	112.7	1	130.3
28Y97	Golden Acres Genetics	--	--	8	110.7	--	--
Fill 2 (27Z07)	Texas Agrilife Research	--	--	9	109.0	--	--
57V05	DynaGro UAP	--	--	10	108.7	10	113.8
7514X	Triumph Seed	--	--	12	106.9	--	--
Terral TV26TR41	Terral Seed Inc.	--	--	13	106.6	--	--
57T61	DynaGro Seeds CPS	--	--	14	106.6	--	--
N77P-3000GT	Syngenta Seeds	--	--	17	104.1	--	--
REV™ 26RH70	Terral Seed Inc.	--	--	18	102.8	--	--
DKC67-23	Monsanto Company	--	--	19	101.7	2	128.4
DKC67-87	Monsanto Company	--	--	20	99.8	6	122.8
REV™ 26R60	Terral Seed Inc.	--	--	21	97.3	--	--
N76D-3000GT	Syngenta Seeds	--	--	22	94.9	--	--
28V87	Golden Acres Genetics	--	--	23	92.7	--	--
7215H	Triumph Seed	--	--	24	88.4	--	--
DKC68-06	Monsanto Company	--	--	25	88.3	--	--
7505VT3	Croplan Genetics	--	--	26	81.5	--	--
N78N-3000GT	Syngenta Seeds	--	--	27	74.6	--	--
N78B-CB/LL	Syngenta Seeds	--	--	29	64.5	--	--
CXO 0916	DynaGro Seeds CPS	--	--	30	63.2	--	--
Number of Entries		30		30		15	
Test Mean Yield			188.8		100.4		119.3

Table 5.

## AGRONOMIC AND TEST INFORMATION: HONDO

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TEST:	2010 Irrigated Corn Performance Test
LOCATION:	Stinson and Stinson Inc., Dunlay, Texas
COOPERATORS:	Hilton Stinson, R.Q. Stinson, and Jason Ott
SOIL TYPE:	Montell clay
ROW WIDTH:	36"
PREVIOUS CROP:	Corn
LAND PREPARATION:	Deep chiseled, disked, and bedded
DATE PLANTED:	3-5-10 with cones mounted on an ALMACO planter using JD Max-Emerge II units
PLOT LENGTH:	26'
FERTILIZER:	Applied pre-plant 250 lb/A of liquid 7+21+7 +.5 lb/A of Mg + 1 lb/A of Zn Side-dress 450 lb/A of 32+0+0
HERBICIDE:	Applied Option + Status and 1.5 lb/A Atrazine at label rate for control of broadleaves and Texas Panicum Applied 1.5 lb/A Atrazine when corn was 18" tall
INSECTICIDE:	Applied 4oz/A of Oberon for mites
RAINFALL:	Rainfall was not recorded, however Mr. Stinson stated the test block received above average rainfall during the growing season
IRRIGATIONS:	4 furrow applications of 3.0" each during the growing season.
DATE HARVESTED:	8-24-10, with a JD 3300 plot combine equipped with Grain Gauge.
SIZE HARVESTED PLOT:	2 rows, 26' long
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	38
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	26,100 plants/A
TEST MEAN:	178.8 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	5.32%



COMMENTS: An optimum planting date, timely rainfall, and excellent agronomic practices resulted in outstanding yields at this test site. An excellent seedbed with ample moisture from fall and winter rains was available for the March 5 planting date. Seeds were packaged to obtain a final plants stand between 26-27,000 plants/acre. Excellent stands were attained with the test mean population being 26,100 plants per acre.

Above normal rainfall occurred throughout the growing season. Four irrigations were applied to the test block which insured continuous plant growth and development. A good fertilization program provided the necessary plant nutrients for plant development. One aerial application of an insecticide controlled spider mite populations. Since the test block was comprised of both conventional and genetically enhanced hybrids, a tank mix of approved herbicides were used for weed and grass control.

The test mean yield was 178.8 bu/A compared to the past 3-year average of 163 bu/A. Three hybrids produced over 200 bu/A. Excellent bushel weights were attained with the range being from 56.4 lb/bu to 61.1 lb/bu. This was a very uniform test as reflected by the C.V. of 5.32%.

Appreciation is expressed to Mr. Jason Ott for collecting flowering data and for his assistance in monitoring the test block during the growing season.

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(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
Please visit the Crop Testing web page at <http://varietytesting.tamu.edu>

Table 5A. 2010 Hondo Corn Performance Test, Stinson Farm, Dunlay, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk	Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
D56VP24	DynaGro Seeds CPS	*	*	VT3Pro	77	89	30	100.0	26,806	10.5	56.4	202.0
GA 28V81	Golden Acres Genetics	Y	R	VT3Pro	76	90	35	100.0	26,039	10.9	58.5	201.4
Integra EXP 942117	Wilbur-Ellis Company	Y	*	HXTRR2	76	94	33	100.0	27,155	10.7	57.5	200.1
58V72	DynaGro Seeds CPS	*	*	VT3	76	93	33	100.0	27,086	10.8	57.5	198.6
GA 27V01	Golden Acres Genetics	Y	R	VT3Pro	78	90	32	100.0	27,784	10.3	56.7	195.7
7514S	Triumph Seed Co., Inc.	Y	W	SSX	78	94	35	100.0	26,457	10.6	57.6	193.3
Belle 1655 PRO	Armor Corn	Y	*	RR2YGCBRW	76	93	33	100.0	26,317	10.9	58.7	192.8
58V50	DynaGro Seeds CPS	*	*	VT3	76	86	34	100.0	26,178	11.5	59.6	189.9
8505VT3/P	Croplan Genetics	Y	R	VT3/P	77	91	35	100.0	25,410	11.1	58.6	187.9
GA 28V71	Golden Acres Genetics	Y	R	VT3Pro	78	99	35	100.0	25,410	11.0	58.0	187.9
Integra EXP 931114	Wilbur-Ellis Company	Y	*	VT3	75	83	25	100.0	27,644	10.8	57.9	186.0
REV26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	77	92	28	100.0	26,038	11.6	61.0	185.0
Integra 9676	Wilbur-Ellis Company	Y	*	VT3 PRO	76	92	34	100.0	26,317	11.0	58.7	184.2
Fill	Texas AgrLife Research	Y	*	VT3	76	88	35	100.0	25,899	11.6	60.0	184.1
DKC67-88 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	78	95	39	99.7	25,759	11.2	59.3	182.5
N77P-3000GT Brand	Syngenta Seeds, Inc.	Y	P	GT/CB/LL/RW	76	88	30	100.0	26,457	11.0	57.9	182.4
DKC68-05 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	75	84	32	100.0	26,527	11.0	58.2	182.4
REV28HR30	Terral Seed Inc.	Y	R	HX1/LL/RR2	79	94	33	100.0	26,667	11.5	59.6	182.2
REV28R10	Terral Seed Inc.	Y	R	RR2	78	94	31	100.0	26,178	11.7	60.5	180.9
851VT3/P	Croplan Genetics	Y	R	VT3/P	77	91	33	100.0	25,759	10.7	57.3	180.6
REV28HR20	Terral Seed Inc.	Y	R	HX1/LL/RR2	78	97	32	100.0	25,968	12.1	60.8	178.6
DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	74	81	28	100.0	25,899	10.9	59.8	177.0
1420X	Triumph Seed Co., Inc.	Y	P	HXXT/RR	75	81	25	100.0	25,899	10.9	58.8	176.1
Belle 1545 PRO	Armor Corn	Y	*	RR2YGCBRW	76	89	29	100.0	24,782	11.5	59.0	175.8
Belle BXCO28VT3	Armor Corn	Y	*	RR2YGCBRW	74	82	29	100.0	25,620	11.5	60.1	174.3
N78B-CB/LL Brand	Syngenta Seeds, Inc.	Y	P	CB/LL	75	93	35	100.0	25,968	11.1	59.0	172.7

Table 5A. 2010 Hondo Corn Performance Test, Stinson Farm, Dunlay, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
					to 50% Silk	Plant Ht. In.							
REV25HR49	Terral Seed Inc.	Y	R	HX11/LL/RR2	76	91	30	100.0	26,527	11.1	58.9	172.5	
Belle 1161 PRO	Armor Corn	Y	*	RR2YGCBRW	75	87	28	100.0	27,155	11.2	58.3	168.6	
REV25R19	Terral Seed Inc.	Y	R	RR2	76	88	32	100.0	26,597	11.6	60.1	168.4	
REV25HR39	Terral Seed Inc.	Y	R	HX11/LL/RR2	77	95	33	100.0	24,642	11.6	60.3	168.3	
N78S-CB/LL Brand	Syngenta Seeds, Inc.	Y	P	CB/LL	76	83	29	100.0	26,457	11.1	58.2	168.1	
REV25R29	Terral Seed Inc.	Y	R	RR2	75	87	31	100.0	24,433	11.2	59.8	166.7	
Belle BXGO80GT	Armor Corn	Y	*	RR	75	89	33	100.0	27,085	11.7	59.6	165.6	
REV28R30	Terral Seed Inc.	Y	R	RR2	79	94	33	100.0	26,457	11.2	59.6	162.4	
Belle 1511C	Armor Corn	Y	*	None	77	92	35	100.0	23,874	11.5	61.1	161.0	
N78N-3000GT Brand	Syngenta Seeds, Inc.	Y	W	GT/CB/LL/RW	75	90	29	100.0	25,410	11.6	59.7	160.9	
Integra 9664	Wilbur-Ellis Company	Y	*	VT3 PRO	74	86	29	100.0	26,248	11.5	60.0	157.8	
Belle 1560 PRO	Armor Corn	Y	*	RR2YGCBRW	74	83	27	100.0	24,921	11.2	60.0	140.9	
Mean					76.10	89.60	31.50	99.9	26,100	11.2	59.0	178.8	
C.V.					0.90	2.97	6.90	0.09	4.97	2.96	0.72	5.32	
L.S.D. .05					1.00	3.82	3.11	NS	1,859	0.47	0.61	13.93	

Note 1: All data was analyzed using REML TOOL. L.S.D.'s are given for traits that were significantly different at  $P < .05$ .

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas Agrilife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 3: Hybrids with the same yield were ranked by computer.

(1) DynaGro CPS 58V50 was entered as a fill hybrid in the test at our discretion. It is intended to be used for comparison purposes only.

(2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.

(3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

Table 5A. 2010 Hondo Corn Performance Test, Stinson Farm, Dunlay, Texas.

Hybrid (1)	Company or Brand Name		Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A

(4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

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Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>

Table 5B. Three Year Summary (2008-2010), Corn Performance Test, Hondo, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
D56VP24	DynaGro Seeds CPS	1	202.0	--	--	--	--
GA 28V81	Golden Acres Genetics	2	201.4	--	--	--	--
Integra EXP 942117	Wilbur-Ellis Company	3	200.1	--	--	--	--
58V72	DynaGro Seeds CPS	4	198.6	8	185.1	--	--
GA 27V01	Golden Acres Genetics	5	195.7	--	--	--	--
7514S	Triumph Seed Co., Inc.	6	193.3	--	--	--	--
Belle 1655 PRO	Armor Corn	7	192.8	--	--	--	--
58V50	DynaGro Seeds CPS	8	189.9	11	182.3	--	--
8505VT3/P	Croplan Genetics	9	187.9	17	177.4	--	--
GA 28V71	Golden Acres Genetics	10	187.9	--	--	--	--
Integra EXP 931114	Wilbur-Ellis Company	11	186.0	--	--	--	--
REV™ 26HR50	Terral Seed Inc.	12	185.0	10	184.6	--	--
Integra 9676	Wilbur-Ellis Company	13	184.2	--	--	--	--
Fill (58V50)	Texas AgriLife Research	14	184.1	--	--	--	--
DKC67-68 (GENVT3P)	Monsanto Company	15	182.5	--	--	--	--
N77P-3000GT Brand	Syngenta Seeds, Inc.	16	182.4	22	168.4	5	153.7
DKC68-05 (GENVT3P)	Monsanto Company	17	182.4	--	--	--	--
REV28HR30	Terral Seed Inc.	18	182.2	--	--	--	--
REV28R10	Terral Seed Inc.	19	180.9	--	--	--	--
851VT3/P	Croplan Genetics	20	180.6	--	--	--	--
REV™ 28HR20	Terral Seed Inc.	21	178.6	6	185.6	--	--
DKC66-96 (GENVT3P)	Monsanto Company	22	177.0	--	--	--	--
1420X	Triumph Seed Co., Inc.	23	176.1	--	--	--	--
Belle 1545 PRO	Armor Corn	24	175.8	--	--	--	--
Belle BXCO28VT3	Armor Corn	25	174.3	--	--	--	--
N78B-CB/LL Brand	Syngenta Seeds	26	172.7	15	180.6	--	--
REV™ 25HR49	Terral Seed Inc.	27	172.5	21	170.6	--	--
Belle 1161 PRO	Armor Corn	28	168.6	--	--	--	--
REV25R19	Terral Seed Inc.	29	168.4	--	--	--	--
REV25HR39	Terral Seed Inc.	30	168.3	--	--	--	--

Table 5B. Three Year Summary (2008-2010), Corn Performance Test, Hondo, Texas.

Hybrid (1)	Company or Brand Name	2010 Rank	2010 Yield bu/A	2009 Rank	2009 Yield bu/A	2008 Rank	2008 Yield bu/A
N78S-CB/LL Brand	Syngenta Seeds, Inc.	31	168.1	--	--	--	--
REV25R29	Terral Seed Inc.	32	166.7	--	--	--	--
Belle BXGO80GT	Armor Corn	33	165.6	--	--	--	--
REV™ 28R30	Terral Seed Inc.	34	162.4	28	161.8	--	--
Belle 1511C	Armor Corn	35	161.0	--	--	--	--
N78N-3000GT Brand	Syngenta Seeds, Inc.	36	160.9	--	--	--	--
Integra 9664	Wilbur-Ellis Company	37	157.8	--	--	--	--
Belle 1560 PRO	Armor Corn	38	140.9	--	--	--	--
Fill 1 (27Z07)	Texas AgriLife Research	--	--	1	191.2	3	156.6
1802VT3	Triumph Seed Co. Inc.	--	--	2	189.3	--	--
N82V-3000GT	Syngenta Seeds	--	--	3	189.2	--	--
Terral TV25TR29	Terral Seed Inc.	--	--	4	186.7	--	--
W4705VT3	Warner Seeds Inc.	--	--	5	185.9	--	--
Fill 2 (27Z07)	Texas AgriLife Research	--	--	7	185.4	--	--
Terral TV27TR79	DynaGro Seeds CPS	--	--	9	184.7	--	--
58V24	DynaGro Seeds CPS	--	--	12	182.2	--	--
58P27	DynaGro UAP	--	--	13	181.4	2	158.3
Terral TV25TR59	Terral Seed Inc.	--	--	14	180.9	--	--
Terral TV26TR41	Terral Seed Inc.	--	--	16	180.3	--	--
DKC67-87 (YGCB/RR2)	Monsanto Company	--	--	18	177.3	9	150.2
DKC67-23 (YGCB/RR2)	Monsanto Company	--	--	19	175.6	6	151.9
2T804	Mycogen Seeds	--	--	20	172.1	--	--
REV™ 26HR70	Terral Seed Inc.	--	--	23	167.8	--	--
REV™ 26R60	Terral Seed Inc.	--	--	24	167.2	--	--
DKC68-06 (RR2/YGCB)	Monsanto Company	--	--	25	165.1	--	--
REV™ 25HR39	Terral Seed Inc.	--	--	26	164.2	--	--
7505VT3	Croplan Genetics	--	--	27	163.0	19	143.6
N78-3000GT	Syngenta Seeds	--	--	29	160.6	--	--
2G847	Mycogen Seeds	--	--	30	155.0	--	--
Number of Entries		38		30		26	
Test Mean Yield			178.8		176.7		146.6

Table 6.

## AGRONOMIC AND TEST INFORMATION: WHARTON

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TEST:	2010 Dryland Corn Performance Test
LOCATION:	Larry and Clint Kalina Farm, Wharton, Texas
COOPERATORS:	Larry Kalina, Clint Kalina, and Peter McGuill
SOIL TYPE:	Lake Charles clay loam
ROW WIDTH:	40"
PREVIOUS CROP:	Cotton
LAND PREPARATION:	Shred, bedded, hipped and fertilized and hipped, "drug-off" beds, and planted. Test was not cultivated.
DATE PLANTED:	3-15-10 with cones mounted on an ALMACO planter using JD Max-Emerge II units
PLOT LENGTH:	26'
FERTILIZER:	Applied 600 lb/A of 25+7+0+2, pre-plant
HERBICIDE:	Applied 1.5 qt/A of Guardsman Max, pre-emerge
INSECTICIDE:	None, seeds were requested to be treated with a seed insecticide
RAINFALL:	Appreciation is expressed to Julius and Pauline Kalina for recording rainfall data near the test site. January = 3.9"; February = 3.2"; March = 0.8"; April = 0.45"; May = 4.0"; June = 8.0"; July = 13.55"; August = 1.9" Total = 35.8"
DATE HARVESTED:	8-18-10: with a JD 3300 plot combine equipped with a Grain Gauge
SIZE HARVESTED PLOT:	2 rows, 26' long
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	48
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	22,545 plants/A
TEST MEAN:	140.4 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	12.99%

COMMENTS: A combination of problems probably reduced potential yields at this test site, in part related to soil texture. There are several different soil types that are predominant in Wharton County. Soils range from heavy clay soils to light alluvial soils across the county. We have been using both a heavy clay soil as well as an alluvial soil to conduct our performance tests in this county. This year, the test site selected was a clay soil (Lake Charles clay loam), which we rotate to every other year. Tillage operations prior to planting were delayed until early-March due to wet fields from abundant rainfall from October '09 thru February '10.

Due to the wet soil conditions and delayed tillage operations, the test block was not planted until March 15. This planting date is approximately three weeks later than the optimum planting date for this area. Consistent plant stands were attained and rapid plant growth followed. However, the test block received minimal rain for the remainder of March and only .45" in April. Thus, soil moisture was rapidly depleted as plants progressed from the vegetative stage to the reproductive stage.

During the silking stage, there appeared to be a problem within the test. Affected plants in certain rows showed symptoms of yellowing, appeared to be shorter, and bottom leaves were "firing". Upon closer examination, it was determined that there was a definite pattern across rows associated with the problem, not only in the test block, but also in the bulk field. On May 27, Dr. Dennis Coker, Extension Program Specialist--Soil Fertility, Department of Soil and Crop Sciences, Texas A&M University, College Station, Texas, assisted collection of ear-leaf samples from a representative eight-row planted pattern. Eight ear leaves from each of eight plants were selected from a single row as a composite sample. All samples were submitted to the Soil, Water, and Forage Testing Lab, Texas A&M University, College Station, Texas for total nitrogen content determination. Analysis from the Lab confirmed what we had suspected, that a compaction problem had developed prior to planting from tilling the clay soil at high moisture content. The outer rows, away from the tractor wheels, showed a higher total nitrogen content, while the rows closer to the tractor wheels, had less total nitrogen content. Due to the compaction problem, plants in the affected rows were not able to acquire nitrogen as readily as the plants in the unaffected rows, thus showing nitrogen deficiency symptoms. However, beyond the silk stage, it appeared plants in the affected rows had finally accessed more of the nitrogen available in the soil profile.

Harvest of the test block was delayed until August 18 due to excessive rainfall in July and early-August. Over 13.5" of rainfall were recorded in July. Most of the rainfall came from Hurricane Alex in early-July, and two tropical depressions in mid-July. The test mean yield was 140.4 bu/A. However, potential yields were probably reduced due to the aforementioned problem. Despite the excessive rainfall, lodging was not a problem in the test. Good bushel weights were attained.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [dpietsch@ag.tamu.edu](mailto:dpietsch@ag.tamu.edu)  
Please visit the Crop Testing web page at <http://varietytesting.tamu.edu>



Table 6A. 2010 Wharton Corn Performance Test, Larry and Clint Kalina Farm, Wharton, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk	Plant		Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
						Ht. In.	Acres						
851VT3/P	Croplan Genetics	Y	R	VT3/P	70	91	32	100.0	23,623	10.4	55.6	160.4	
DKC68-05 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	68	82	30	99.5	23,749	11.1	58.2	159.6	
D56VP24	DynaGro Seeds CPS	*	*	VTPro	70	88	30	100.0	23,309	10.3	55.8	156.3	
GA 28V71	Golden Acres Genetics	Y	R	VT3Pro	69	100	36	100.0	22,743	10.7	56.7	155.3	
W477VT3	Warner Seeds Inc.	Y	*	VT3	67	89	36	100.0	22,681	11.1	58.3	154.8	
Integra 9676	Wilbur-Ellis Company	Y	*	VT3 PRO	68	90	35	99.5	23,183	11.0	58.3	154.6	
Belle BXCO28VT3	Armor Corn	Y	*	RR2YGCBRW	66	82	28	98.3	22,367	11.7	59.4	153.2	
GA 26V31	Golden Acres Genetics	Y	W	VT3Pro	70	89	28	97.3	23,560	10.9	57.0	152.9	
Integra 9650	Wilbur-Ellis Company	Y	*	VT3	70	92	32	98.5	21,927	10.8	56.7	152.3	
GA 28V81	Golden Acres Genetics	Y	R	VT3Pro	68	95	37	100.0	22,869	11.0	58.2	151.4	
Integra 9640	Wilbur-Ellis Company	Y	*	VT3	67	82	31	100.0	22,178	10.9	56.9	150.9	
REV28HR20	Terral Seed Inc.	Y	R	HX1/LL/RR2	72	96	34	98.9	23,497	12.2	59.7	150.1	
Integra 9664	Wilbur-Ellis Company	Y	*	VT3 PRO	66	84	29	100.0	23,937	11.1	59.0	149.2	
Fill	Texas AgrLife Research	Y	R		67	78	28	98.7	22,503	11.0	57.8	148.7	
WX1474VT3	Warner Seeds Inc.	Y	*	VT3	68	87	33	100.0	22,869	11.4	58.4	148.1	
Belle 1161 PRO	Armor Corn	Y	*	RR2YGCBRW	69	84	25	99.7	23,560	10.6	57.1	147.1	
58V72	DynaGro Seeds CPS	*	*	VT3/P	70	93	30	97.2	22,450	10.5	56.2	146.1	
W4744VT3	Warner Seeds Inc.	Y	*	VT3	71	94	34	99.5	23,309	10.2	55.7	144.5	
GA 27V01	Golden Acres Genetics	Y	R	VT3Pro	71	90	33	99.7	23,937	10.2	55.4	144.5	
N78S-CB/LL Brand	Syngenta Seeds	Y	P	CB/LL	69	86	28	100.0	22,367	10.7	56.5	144.3	
DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	67	78	28	99.4	23,560	10.8	57.9	143.8	
8505VT3/P	Croplan Genetics	Y	R	VT3/P	69	85	31	99.7	24,063	10.9	57.6	142.7	
8315	Golden Acres Genetics	Y	R	NONE	70	88	31	99.5	23,937	12.0	59.8	142.2	
DKC69-40 (VT3)	Monsanto Company	Y	R	VT3	66	81	29	100.0	23,749	11.6	60.0	141.6	
Belle 1655 PRO	Armor Corn	Y	*	RR2YGCBRW	69	89	34	99.5	22,995	10.9	57.8	141.4	

Table 6A. 2010 Wharton Corn Performance Test, Larry and Clint Kalina Farm, Wharton, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant			Yield bu/A		
					to 50% Silk	Plant Ht. In.	Ear Ht. In.	% Erect Plants	Pop. Per Acre		Mois- ture %	Test Wt. lb/bu
D51VP40	DynaGro Seeds CPS	*	*	VTPro	68	85	28	98.6	22,555	10.6	56.5	141.2
REV28HR30	Terral Seed Inc.	Y	R	HX1/LL/RR2	71	95	34	100.0	22,366	11.3	57.6	141.0
REV28R10	Terral Seed Inc.	Y	R	RR2	71	89	29	98.4	23,183	11.7	59.5	140.0
REV26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	70	88	28	99.7	21,361	11.5	58.9	138.1
Belle 1545 PRO	Armor Corn	Y	*	RR2YGCBRW	69	91	29	97.1	19,979	11.0	58.4	136.6
REV28R30	Terral Seed Inc.	Y	R	RR2	71	90	34	99.7	23,058	11.0	57.2	134.4
V5373	DynaGro Seeds CPS	*	*	VT3/P	70	86	28	99.8	24,063	10.9	57.8	133.6
N77P-3000GT Brand	Syngenta Seeds	Y	P	CT/CB/LL/RW	69	85	30	99.7	22,743	10.8	56.7	133.5
REV25R29	Terral Seed Inc.	Y	R	RR2	68	90	31	97.2	20,859	11.3	58.5	132.6
REV25HR39	Terral Seed Inc.	Y	R	HX1/LL/RR2	70	89	30	99.4	22,681	11.1	58.6	130.8
7514S	Triumph Seed Co.	Y	W	SSX	70	91	31	100.0	22,429	10.6	56.9	128.8
N78B-CB/LL Brand	Syngenta Seeds	Y	P	CB/LL	68	86	32	98.7	22,367	10.9	57.3	128.3
Belle BXGO80GT	Armor Corn	Y	*	RR	69	84	30	99.7	22,241	11.2	58.2	127.2
GA 26V21	Golden Acres Genetics	Y	W	VT3Pro	70	85	28	97.7	21,298	10.8	57.6	127.0
WX1435VT3	Warner Seeds Inc.	Y	*	VT3	68	79	23	100.0	23,497	10.6	56.0	126.8
REV25HR49	Terral Seed Inc.	Y	R	HX1/LL/RR2	70	91	28	98.2	22,304	11.0	57.7	124.2
Belle 1511C	Armor Corn	Y	*	None	70	89	32	99.7	19,791	11.3	58.4	117.0
TRX01714	Triumph Seed Co.	Y	P	N/A	68	86	29	98.5	21,173	11.2	58.9	111.9
REV25R19	Terral Seed Inc.	Y	R	RR2	71	85	31	98.9	23,497	11.2	58.3	108.1
Belle 1560 PRO	Armor Corn	Y	*	RR2YGCBRW	67	80	25	97.7	19,351	10.7	57.3	97.4
Mean					68.75	86.33	30.24	99.2	22,545	11.0	57.7	140.4
C.V.					1.53	8.66	9.81	1.54	9.82	2.47	0.93	12.99
L.S.D. .05					1.50	10.64	4.22	NS	0.03	0.39	0.77	25.95

Note 1: All data was analyzed using REML TOOL. L.S.D.'s are given for traits that were significantly different at P<.05.

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas AgriLife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Table 6A. 2010 Wharton Corn Performance Test, Larry and Clint Kalina Farm, Wharton, Texas.

Hybrid (1)	Company or Brand Name		Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre		Mois- ture %	Test Wt. lb/bu	Yield bu/A
	(1)	(2)				(3)	(4)				(5)	(6)			
Note 3: Hybrids with the same yield were ranked by computer.															

- (1) Monsanto Company DKC68-05 was entered three times as a fill hybrid in the test at our discretion. The entries were analyzed separately, but combined as one entry in the test. The fill is intended to be used for comparison purposes only.
- (2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.
- (3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.
- (4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgrLife Research, College Station, TX (979) 845-8505, dpietsch@ag.tamu.edu  
 Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>

Table 6B. Three Year Summary (2008-2010), Corn Performance Test, Wharton, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
85VT3/P	Croplan Genetics	1	160.4	--	--	--	--
DKC68-05 (GENVT3P)	Monsanto Company	2	159.6	--	--	--	--
D56VP24	DynaGro Seeds CPS	3	156.3	--	--	--	--
GA 28V71	Golden Acres Genetics	4	155.3	--	--	--	--
W477VT3	Warner Seeds, Inc.	5	154.8	--	--	--	--
Integra 9676	Wilbur-Ellis Company	6	154.6	--	--	--	--
Belle BXCO28VT3	Armor Corn	7	153.2	--	--	--	--
GA 26V31	Golden Acres Genetics	8	152.9	--	--	--	--
Integra 9650	Wilbur-Ellis Company	9	152.3	--	--	--	--
GA 28V81	Golden Acres Genetics	10	151.4	--	--	--	--
Integra 9640	Wilbur-Ellis Company	11	150.9	--	--	--	--
REV™ 28HR20	Terral Seed Inc.	12	150.1	7	56.0	--	--
Integra 9664	Wilbur-Ellis Company	13	149.2	--	--	--	--
Fill (DKC68-05)	Texas AgriLife Research	14	148.7	--	--	--	--
WX1474VT3	Warner Seeds, Inc.	15	148.1	--	--	--	--
Belle 1161 Pro	Armor Corn	16	147.1	--	--	--	--
58V72	DynaGro Seeds CPS	17	146.1	22	50.5	--	--
W4744VT3	Warner Seeds, Inc.	18	144.5	--	--	--	--
GA 27V01	Golden Acres Genetics	19	144.5	--	--	--	--
N78S-CB/LL Brand	Syngenta Seeds	20	144.3	--	--	--	--
DKC66-96 (GENVT3P)	Monsanto Company	21	143.8	--	--	--	--
8505 VT3/P	Croplan Genetics	22	142.7	--	--	--	--
8315	Golden Acres Genetics	23	142.2	--	--	--	--
DKC69-40 (VT3)	Monsanto Company	24	141.6	--	--	--	--
Belle 1655 PRO	Armor Corn	25	141.4	--	--	--	--
57V40	DynaGro Seeds CPS	26	141.2	--	--	--	--
REV™ 28HR30	Terral Seed Inc.	27	141.0	--	--	--	--
REV™ 28R10	Terral Seed Inc.	28	140.0	--	--	--	--
REV™ 26HR50	Terral Seed Inc.	29	138.1	12	54.8	--	--
Belle 1545 PRO	Armor Corn	30	136.6	--	--	--	--

Table 6B. Three Year Summary (2008-2010), Corn Performance Test, Wharton, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
REV™ 28R30	Terral Seed Inc.	31	134.4	43	31.6	--	--
V5373	DynaGro Seeds CPS	32	133.6	2	58.1	--	--
N77P-3000GT Brand	Syngenta Seeds	33	133.5	--	--	--	--
REV™ 25R29	Terral Seed Inc.	34	132.6	--	--	--	--
REV™ 25HR39	Terral Seed Inc.	35	130.8	21	50.6	--	--
7514S	Triumph Seed Co., Inc.	36	128.8	25	48.3	--	--
N78B-CB/LL Brand	Syngenta Seeds	37	128.3	19	50.7	--	--
Belle BXGO80GT	Armor Corn	38	127.2	--	--	--	--
GA 26V21	Golden Acres Genetics	39	127.0	--	--	--	--
WX1435VT3	Warner Seeds, Inc.	40	126.8	--	--	--	--
REV™ 25HR49	Terral Seed Inc.	41	124.2	10	54.8	--	--
Belle 1511C	Armor Corn	42	117.0	--	--	--	--
TRX01714	Triumph Seed Co., Inc.	43	111.9	--	--	--	--
REV™ 25R19	Terral Seed Inc.	44	108.1	--	--	--	--
Belle 1560 PRO	Armor Corn	45	97.4	--	--	--	--
DKC68-06 (RR2/YGCB)	Monsanto Company	--	--	1	60.4	--	--
58V24	DynaGro Seeds CPS	--	--	3	57.7	--	--
Terral TV26TR41	Terral Seed Inc.	--	--	4	57.4	2	122.8
DKC67-23 (YGCB/RR2)	Monsanto Company	--	--	5	57.0	19	111.1
REV™ 26R60	Terral Seed Inc.	--	--	6	56.2	--	--
Terral TV25TR59	Terral Seed Inc.	--	--	8	55.9	--	--
Belle 1545VT3	Armor Corn	--	--	9	55.5	--	--
Belle 1655VT3	Armor Corn	--	--	11	54.8	--	--
58P27	DynaGro UAP	--	--	13	54.7	7	117.5
7505VT3	Croplan Genetics	--	--	14	53.7	38	98.9
26Y23	Golden Acres Genetics	--	--	15	52.3	--	--
Belle 1646VT3	Armor Corn	--	--	16	52.1	--	--
Fill 1 (N77P GT/CB/LL)	Texas AgriLife Research	--	--	17	51.8	--	--
8505VT3	Croplan Genetics	--	--	18	51.2	--	--
W4706VT3	Warner Seeds, Inc.	--	--	20	50.6	--	--

Table 6B. Three Year Summary (2008-2010), Corn Performance Test, Wharton, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
N76D-3000GT	Syngenta Seeds	--	--	23	50.5	--	--
28V87	Golden Acres Genetics	--	--	24	49.4	--	--
Garst 83E90-3000GT	Syngenta Seeds	--	--	26	48.0	30	104.6
W4705VT3	Warner Seeds, Inc.	--	--	27	47.9	--	--
27Z07	Golden Acres Genetics	--	--	28	47.5	6	117.6
Terral TV25TR29	Terral Seed Inc.	--	--	29	47.3	--	--
NK N77P-3000GT	Syngenta Seeds	--	--	30	47.3	11	113.6
7215H	Triumph Seed Co., Inc.	--	--	31	47.1	--	--
W4705R	Warner Seeds, Inc.	--	--	32	46.9	28	105.8
Fill 2 (N77P GT/CB/LL)	Texas AgriLife Research	--	--	33	45.1	--	--
TXY29002	Texas AgriLife Research (KM)	--	--	34	45.1	--	--
N78N-3000GT	Syngenta Seeds	--	--	35	44.1	--	--
REV™ 26HR70	Terral Seed Inc.	--	--	36	43.0	--	--
Belle BX992CV	Armor Corn	--	--	37	42.2	--	--
DKC67-87 (YGCB/RR2)	Monsanto Company	--	--	38	42.0	1	126.8
Belle BX990CV	Armor Corn	--	--	39	40.3	--	--
W4727VT3	Warner Seeds, Inc.	--	--	40	36.4	--	--
1802CbRR	Triumph Seed Co., Inc.	--	--	41	34.6	--	--
28Y97	Golden Acres Genetics	--	--	42	32.7	--	--
Terral TV27TR79	Terral Seed Inc.	--	--	44	30.0	--	--
TxY 29001	Texas AgriLife Research (KM)	--	--	45	27.8	--	--
Number of Entries		45	140.4	45	48.3	48	106.0
Test Mean Yield							

Table 7.

## AGRONOMIC AND TEST INFORMATION: COLLEGE STATION

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TEST:	2010 Irrigated Corn Performance Test
LOCATION:	Texas AgriLife Research and Texas AgriLife Extension Farm, College Station, Texas; Field 221
COOPERATORS:	James Wilborn, Seth Murray, and Kerry Mayfield
SOIL TYPE:	Ships clay loam
ROW WIDTH:	30"
PREVIOUS CROP:	Cotton
LAND PREPARATION:	disc, chisel, field cultivate, bed , run middles prior to planting
DATE PLANTED:	3-6-10 with cones mounted on an ALMACO planter using JD Max-Emerge II units
PLOT LENGTH:	2 rows 21'
FERTILIZER:	3-9-10: 220lb/A of 32-0-0 4-27-10: 240lb/A of 10-34-0+4Zn 5-5-10: 220lb/A of 32-0-0
HERBICIDE:	3-8-10: Applied 2.0 pt/A of Dual II Magnum + 2.0 pt/A of Atrazine. Spot spray roundup throughout season
INSECTICIDE:	None, seeds were requested to be treated with a seed insecticide
RAINFALL:	September '09 = 3.74"; October = 10.38"; November = 3.00"; December = 4.06"; January '10 = 3.18"; February = 3.66"; March = 2.30"; April = 1.00"; May = 3.00"; June = 5.89"; July = 2.49"; August = .33" Total = 43.03"
IRRIGATIONS:	3 Irrigations: 4-13-10, 4-27-10, and 6-14-10 of approx. 3" each
DATE HARVESTED:	8-17-10
SIZE HARVESTED PLOT:	2 rows, 21'
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	42
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	22,438 plants/A
TEST MEAN:	152.9 bu/A. Yields corrected to 15.5% moisture
TEST C.V.:	12.59%

COMMENTS: A combination of field preparation, planting and emergence factors resulted in below normal seedling emergence and plant populations, hence affecting final yields at this test site. The late harvest of the previous crop, cotton, combined with a wet fall and winter, resulted in the field site being too late to till. This problem exacerbated issues from a residual cotton herbicide not degrading. Furthermore, heavy early season rainfall after planting led to soil crusting issues, and further reduced seedling emergence.

Once plant populations were established, moisture was generally adequate throughout the season, but supplemental irrigations were provided which insured continuous plant growth and development, and in one instance irrigation was used to incorporate fertilizer. The temperature during pollination, grain fill and maturity was high but not abnormal with around 30 days over 98° F, 14 days over 102° F, and 1 day reached 104° F.

The test mean was 152.9 bu/A which was lower than the past 3-year average of 177 bu/A. This was primarily due to problems with stands as the mean population was 22,438 compared to the average of the previous three years means of 25,698. The causes of poor stands were explained previously. The test remained uniform throughout as evidenced by the reasonable C.V. which was similar to the average from previous three years.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
Please visit the Crop Testing web page at <http://varietytesting.tamu.edu>



Table 7A. 2010 College Station Corn Performance Test, Texas AgrilLife Research Farm, College Station, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant Ht. In.	Ear Ht. In.	Plant Pop. Per Acre	% Erect Plants	Mois- ture %	Test Wt. lb/bu	Yield bu/A
					to 50% Silk	In.							
26V31	Golden Acres Genetics	Y	W	VT3Pro	80	99	31	24,891	100	11.9	57.3	188.2	
58V72	DynaGro Seeds CPS	*	*	VTPro	81	99	31	26,088	100	12.0	57.3	182.8	
WX1474VT3	Warner Seeds Inc.	Y	*	VT3	80	95	33	24,891	100	12.7	59.9	180.8	
REV28R10	Terral Seed Inc.	Y	R	RR2	82	102	34	22,506	100	12.7	59.8	175.7	
27V01	Golden Acres Genetics	Y	R	VT3Pro	82	92	31	23,546	100	12.0	57.2	169.3	
W4744VT3	Warner Seeds Inc.	Y	*	VT3	83	100	35	21,365	100	11.8	57.0	167.2	
REV25R29	Terral Seed Inc.	Y	R	RR2	80	93	30	23,685	96	12.4	58.7	165.8	
REV28HR30	Terral Seed Inc.	Y	R	HX1/LL/RR2	82	105	36	19,809	100	12.8	58.5	165.6	
Belle 1655 PRO	Armor Corn	Y	*	RR2YGCBRW	82	95	31	23,806	100	12.2	58.4	165.0	
26V21	Golden Acres Genetics	Y	W	VT3Pro	80	92	31	23,543	100	12.2	58.7	163.1	
Belle 1161 PRO	Armor Corn	Y	*	RR2YGCBRW	78	86	28	22,817	100	12.0	57.8	162.5	
28V71	Golden Acres Genetics	Y	R	VT3Pro	81	105	35	23,685	100	12.3	57.8	162.2	
Integra 9676	Wilbur-Ellis Company	Y	*	VT3 PRO	80	92	32	23,546	100	12.3	58.7	161.4	
REV26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	81	94	28	20,743	100	12.9	60.2	160.8	
N82V-3000GT Brand	Syngenta Seeds Inc.	Y	P	GT/CB/LL/RW	79	96	30	21,610	100	12.5	58.8	159.7	
REV28HR20	Terral Seed Inc.	Y	R	HX1/LL/RR2	82	100	32	20,366	100	12.6	59.8	159.3	
REV28R30	Terral Seed Inc.	Y	R	RR2	82	105	35	22,769	100	12.8	58.5	158.9	
Belle BXCO28VT3	Armor Corn	Y	*	RR2YGCBRW	77	83	28	25,880	100	12.8	59.8	158.9	
W477VT3	Warner Seeds Inc.	Y	*	VT3	81	93	32	22,354	100	12.1	58.1	151.6	
DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	79	83	26	24,428	100	12.2	58.7	150.4	
REV25R19	Terral Seed Inc.	Y	R	RR2	80	95	32	20,950	99	12.3	59.4	150.4	
28V81	Golden Acres Genetics	Y	R	VT3Pro	81	94	33	21,939	100	12.3	58.4	149.7	
DKC67-88 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	82	97	35	25,466	100	14.5	59.1	148.5	
Belle 1545 PRO	Armor Corn	Y	*	RR2YGCBRW	80	93	28	22,046	100	12.3	58.7	147.7	
Fill	Texas AgrilLife Research	Y	R	RR2YGCBRW	80	85	30	23,553	100	12.1	58.4	147.6	
58V50	DynaGro Seeds CPS	*	*	VTPro	81	91	32	22,976	99	12.9	60.0	146.6	
WX1435VT3	Warner Seeds Inc.	Y	*	VT3	77	82	26	21,732	100	12.2	58.2	146.3	
N78S-CB/LL Brand	Syngenta Seeds Inc.	Y	P	CB/LL	79	90	30	24,791	99	12.3	57.7	146.0	
Integra 9613	Wilbur-Ellis Company	Y	*	VT3 PRO	78	86	28	22,025	100	12.1	57.5	143.5	

Table 7A. 2010 College Station Corn Performance Test, Texas Agrilife Research Farm, College Station, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant Ht. In.	Ear Ht. In.	Plant Pop. Per Acre	% Erect Plants	Mois- ture %	Test Wt. lb/bu	Yield bu/A
					50% Silk	to Silk							
Integra EXP 931114	Wilbur-Ellis Company	Y	*	VT3	79	81	28	21,226	100	12.1	58.0	143.0	
D56VP24	DynaGro Seeds GPS	*	*	VTPro	82	91	31	19,243	100	11.7	57.1	138.8	
N78B-CB/LL Brand	Syngenta Seeds Inc.	Y	P	CB/LL	81	86	30	22,769	100	13.0	59.5	138.3	
Belle BXGO80GT	Armor Corn	Y	*	RR	80	86	30	20,072	99	12.3	58.6	137.3	
REV25HR39	Terral Seed Inc.	Y	R	HX1/LL/RR2	80	97	30	18,828	100	12.4	59.1	136.4	
Belle 1511C	Armor Corn	Y	*	None	81	97	30	20,695	100	12.3	58.8	134.8	
Integra 9664	Wilbur-Ellis Company	Y	*	VT3 PRO	79	82	27	22,769	98	12.4	59.6	134.8	
REV25HR49	Terral Seed Inc.	Y	R	HX1/LL/RR2	81	93	30	20,396	100	12.3	58.5	131.9	
DKC68-05 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	80	81	27	16,802	100	12.4	58.7	129.6	
Belle 1560 PRO	Armor Corn	Y	*	RR2YGCBRW	78	83	26	21,110	99	12.3	58.6	116.8	
Mean					80.13	91.73	30.38	22,438	100	12.4	58.6	152.9	
C.V.					1.57	4.46	7.56	10.44	1.27	2.45	0.80	12.59	
L.S.D. .05					1.80	5.84	3.28	4,193	ns	0.44	0.68	32.03	

Note 1: All data was analyzed using REMLTOOL. L.S.D.'s are given for traits that were significantly different at P<.05.

Note 2: Please note, due to a combination of problems within the test block, (especially the lower 1/3 to 1/4 of the block), poor stands were observed thus affecting final yields. Those plots which had poor stands and poor yields were replaced with a dot (.) and statistical analysis calculated using REMLTOOL. No more than two replications were omitted from any hybrid. A few hybrids were not affected, thus all four replications were used for statistical analysis.

Note 3: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas Agrilife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 4: Hybrids with the same yield were ranked by computer.

(1) Monsanto Company DKC68-05 was entered four times as a fill hybrid in the test at our discretion. The entries were analyzed separately, but combined as one entry in the test. The fill is intended to be used for comparison purposes only.

(2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.

Table 7A. 2010 College Station Corn Performance Test, Texas Agrilife Research Farm, College Station, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant		Mois- ture %	Erect Plants %	Test Wt. lb/bu	Yield bu/A
					to 50% Silk	Plant Ht. In.	Ear Ht. In.	Plant Pop. Per Acre				

(3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

(4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas Agrilife Research, College Station, TX (979) 845-8505, dpietsch@ag.tamu.edu

Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>

Table 7B. Three Year Summary (2008-2010), Corn Performance Test, College Station, Texas.

Hybrid (1)	Company or Brand Name	2010 Rank	2010 Yield bu/A	2009 Rank	2009 Yield bu/A	2008 Rank	2008 Yield bu/A
26V31	Golden Acres Genetics	1	188.2	--	--	--	--
58V72	DynaGro Seeds CPS	2	182.8	14	173.1	--	--
WX1474VT3	Warner Seeds Inc.	3	180.8	--	--	--	--
REV28R10	Terral Seed Inc.	4	175.7	--	--	--	--
27V01	Golden Acres Genetics	5	169.3	--	--	--	--
W4744VT3	Warner Seeds Inc.	6	167.2	--	--	--	--
REV25R29	Terral Seed Inc.	7	165.8	--	--	--	--
REV28HR30	Terral Seed Inc.	8	165.6	--	--	--	--
Belle 1655 PRO	Armor Corn	9	165.0	3	180.7	--	--
26V21	Golden Acres Genetics	10	163.1	--	--	--	--
Belle 1161 PRO	Armor Corn	11	162.5	--	--	--	--
28V71	Golden Acres Genetics	12	162.2	--	--	--	--
Integra 9676	Wilbur-Ellis Company	13	161.4	--	--	--	--
REV™ 26HR50	Terral Seed Inc.	14	160.8	2	183.5	--	--
N82V-3000GT Brand	Syngenta Seeds Inc.	15	159.7	--	--	--	--
REV™ 28HR20	Terral Seed Inc.	16	159.3	1	187.6	--	--
REV™ 28R30	Terral Seed Inc.	17	158.9	8	175.6	--	--
Belle BXC028VT3	Armor Corn	18	158.9	--	--	--	--
W4777VT3	Warner Seeds Inc.	19	151.6	--	--	--	--
DKC66-96 (GENTV3P)	Monsanto Company	20	150.4	--	--	--	--
REV25R19	Terral Seed Inc.	21	150.4	--	--	--	--
28V81	Golden Acres Genetics	22	149.7	--	--	--	--
DKC67-88 (GENTV3P)	Monsanto Company	23	148.5	--	--	--	--
Belle 1545 PRO	Armor Corn	24	147.7	6	176.3	--	--
Fill (DKC68-05)	Texas AgrLife Research	25	147.6	--	--	--	--
58V50	DynaGro Seeds CPS	26	146.6	17	170.2	--	--
WX1435VT3	Warner Seeds Inc.	27	146.3	--	--	--	--
N78S-CB/LL Brand	Syngenta Seeds Inc.	28	146.0	--	--	--	--
Integra 9613	Wilbur-Ellis Company	29	143.5	--	--	--	--
Integra EXP 931114	Wilbur-Ellis Company	30	143.0	--	--	--	--

Table 7B. Three Year Summary (2008-2010), Corn Performance Test, College Station, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
D56VP24	DynaGro Seeds CPS	31	138.8	--	--	--	--
N78B-CB/LL Brand	Syngenta Seeds	32	138.3	40	142.2	--	--
Belle BXGO80GT	Armor Corn	33	137.3	--	--	--	--
REV™ 25HR39	Terral Seed Inc.	34	136.4	16	172.7	--	--
Belle 1511C	Armor Corn	35	134.8	--	--	--	--
Integra 9664	Wilbur-Ellis Company	36	134.8	--	--	--	--
REV™ 25HR49	Terral Seed Inc.	37	131.9	25	166.0	--	--
DKC68-05 (GENVT3P)	Monsanto Company	38	129.6	--	--	--	--
Belle 1560 PRO	Armor Corn	39	116.8	--	--	--	--
Terral TV26TR41	Terral Seed Inc.	--	--	4	179.1	--	--
27Z07	Golden Acres Genetics	--	--	5	179.1	1	199.6
26Y23	Golden Acres Genetics	--	--	7	176.1	--	--
W4705 VT3	Warner Seeds, Inc.	--	--	9	174.8	--	--
REV™ 26HR70	Terral Seed Inc.	--	--	10	174.7	--	--
INT9602VT3	Wilbur-Ellis Company	--	--	11	174.3	--	--
Belle BX992CV	Armor Corn	--	--	12	174.2	--	--
Belle 1646VT3	Armor Corn	--	--	13	173.1	--	--
DKC67-23 (YGCB/RR2)	Monsanto Company	--	--	15	173.0	26	171.2
58P27	DynaGro UAP	--	--	18	169.8	6	189.0
INT9674VT3	Wilbur-Ellis Company	--	--	19	167.7	--	--
28V87	Golden Acres Genetics	--	--	20	167.7	--	--
58V24	DynaGro Seeds CPS	--	--	21	167.0	--	--
Belle BX990CV	Armor Corn	--	--	22	167.0	--	--
DKC67-87 (YGCB/RR2)	Monsanto Company	--	--	23	166.5	17	181.9
INT9673VT3	Wilbur-Ellis Company	--	--	24	166.4	--	--
N78N-3000GT	Syngenta Seeds	--	--	26	165.5	--	--
DKC68-06 (RR2/YGCB)	Monsanto Company	--	--	27	165.1	--	--
28Y97	Golden Acres Genetics	--	--	28	164.2	--	--
Fill 1 (Syng N73N GT/CB/LL)	Texas AgrLife Research	--	--	29	163.9	--	--
REV™ 26R60	Terral Seed Inc.	--	--	30	163.6	--	--

Table 7B. Three Year Summary (2008-2010), Corn Performance Test, College Station, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
NK N77P-3000GT	Syngenta Seeds	--	--	31	162.8	24	173.0
Fill 2 (Syng N73N GT/CB/LL)	Texas AgriLife Research	--	--	32	161.9	--	--
W4727 VT3	Warner Seeds, Inc.	--	--	33	158.5	--	--
V6083	DynaGro Seeds CPS	--	--	34	158.1	--	--
Garst 83E90-3000GT	Syngenta Seeds	--	--	35	156.7	13	183.4
Terral TV25TR59	Terral Seed Inc.	--	--	36	156.6	--	--
W4706 VT3	Warner Seeds, Inc.	--	--	37	154.0	--	--
Terral TV27TR79	Terral Seed Inc.	--	--	38	151.7	--	--
Terral TV25TR29	Terral Seed Inc.	--	--	39	147.1	--	--
Number of Entries		39		40		35	
Test Mean Yield			152.9		167.7		176.9

Table 8.

## AGRONOMIC AND TEST INFORMATION: THRALL

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TEST:	2010 Dryland Corn Performance Test
LOCATION:	Stiles Farm Foundation, Thrall, Texas
COOPERATOR:	Archie Abrameit
SOIL TYPE:	Burleson clay
ROW WIDTH:	38"
PREVIOUS CROP:	Cotton
LAND PREPARATION:	None, due to wet soil conditions throughout the fall of 2009 and the spring of 2010, the same beds were used (stale beds)
DATE PLANTED:	3-23-10: planted flat with cones mounted on an ALMACO planter using JD Max-Emerge II units
PLOT LENGTH:	26'
FERTILIZER:	100+20+10, pre-plant
HERBICIDE:	Broadcast 1 lb/A of Atrazine + 22 oz/A of glyphosate on 10-25-09. Applied 3.2 pt/A of Guardsman Max + 1 pt/A of Roundup on 3-24-10.
INSECTICIDE:	None, seeds were required to be treated with a seed insecticide
RAINFALL:	September '09 = 5.5"; October = 4.94"; November = 1.52"; December = 1.41"; January = 3.10"; February = 1.80"; March = 2.15"; April = 1.5", May = 1.0"; June = 2.6"; July = 1.5"; August = 0.5" Total = 27.52"
DATE HARVESTED:	8-25-10 with a JD3300 plot combine equipped with Grain Gauge.
SIZE HARVESTED PLOT:	2 rows, 26' long
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	42
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	20,832 plants/A
TEST MEAN:	74.8 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	15.48

COMMENTS: This non-irrigated test site replaced the Granger site where we conducted performance tests for many years. Conditions at this site are still representative of the Central Texas Blacklands, Texas Crop Reporting District 4. District 4 is a major corn producing area in Texas. This year, farmers in this District harvested 570,000 acres of corn, or 27.8% of Texas' 2.05 million acres.

Conditions were not favorable for maximum corn production at this location. Due to wet soil conditions from fall and winter rainfall, no tillage operations were performed to the test block. Instead, the same beds (stale beds) were used this year as in 2009. Rainfall in early-March delayed the planting date until March 23, which is approximately four weeks later than the optimum planting date for this area.

Early plant growth resulted from ample soil moisture; however, extended periods of hot and dry conditions rapidly depleted available soil moisture. Between April 1 and May 31, the test block received only 2.5" of rainfall. The demand for moisture at the end of May was critical, as plants moved from the vegetative to the reproductive stage. Plant stress was observed during the tassel-silk stage. A total of 2.6" of rain was recorded in June, but was too late to enhance final yields.

The test mean yield was only 74.8 bu/A. This is the second consecutive year where drought conditions in this area have drastically affected final yields. In 2009, the Granger test was not harvested due to drought. Rapid "dry-down" of the test resulted in low grain moisture contents at harvest. Despite the drought conditions, bushel weights were considered good.

Entries submitted by Texas AgriLife Research were planted in the test block, but were deleted from the table since these were open pollinated populations.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
Please visit the Crop Testing web page at <http://varietytesting.tamu.edu>



Table 8A. 2010 Thrall Corn Performance Test, Stiles Farm Foundation, Thrall, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk	Plant		Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
						Ht. In.	% Erect Plants						
DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	70	75	21	100.0	21,295	10.5	57.3	94.9	
Integra 9602	Wilbur-Ellis Company	Y	*	VT3	71	85	23	100.0	21,229	10.7	56.5	92.9	
GA 27V01	Golden Acres Genetics	Y	R	VT3Pro	72	81	25	100.0	22,155	9.2	54.8	89.5	
57V44	DynaGro Seeds CPS	*	*	VT3	70	83	25	100.0	20,435	10.0	56.8	89.1	
Fill	Texas Agrilife Research	Y	R		69	76	25	100.0	22,023	10.3	56.7	88.4	
DKC69-40 (VT3)	Monsanto Company	Y	R	VT3	70	77	27	100.0	20,237	11.1	60.6	87.6	
DKC68-05 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	69	77	24	99.7	21,163	10.1	56.5	85.4	
WX1435VT3	Warner Seeds Inc.	Y	*	VT3	70	75	18	100.0	21,097	9.8	55.2	82.2	
V5373	DynaGro Seeds CPS	*	*	VT3	71	81	25	100.0	21,890	9.8	56.6	82.2	
REV25HR39	Terral Seed Inc.	Y	R	HX1/LL/RR2	72	89	27	100.0	21,295	11.0	58.3	78.9	
7514S	Triumph Seed Co., Inc.	Y	W	SSX	71	84	26	100.0	21,560	9.7	56.0	77.5	
N77P-3000GT Brand	Syngenta Seeds, Inc	Y	P	GT/CB/LL/RW	71	82	26	100.0	20,898	10.2	56.5	76.9	
57T61	DynaGro Seeds CPS	*	*	HX1RR	71	86	28	100.0	19,642	9.8	56.4	76.5	
GA 26V31	Golden Acres Genetics	Y	W	VT3Pro	72	81	21	100.0	21,692	9.8	55.4	76.5	
Belle 1511C	Armor Corn	Y	*	None	72	86	26	100.0	19,972	11.1	59.1	76.4	
57V40	DynaGro Seeds CPS	*	*	VTPRO	70	77	22	100.0	22,419	10.3	56.6	76.3	
REV26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	72	86	19	100.0	20,502	11.1	59.7	76.1	
Belle 1161 PRO	Armor Corn	Y	*	RR2YGCBRW	71	78	18	100.0	21,494	10.0	56.3	75.8	
W4777VT3	Warner Seeds Inc.	Y	*	VT3	69	80	27	100.0	20,964	10.4	57.4	75.1	
Belle BXC028VT3	Armor Corn	Y	*	RR2YGCBRW	69	71	18	100.0	20,105	10.9	59.3	74.3	
N78N-3000 GT Brand	Syngenta Seeds, Inc	Y	P	GT/CB/LL/RW	71	87	25	100.0	19,443	10.0	56.5	74.2	
REV28R10	Terral Seed Inc.	Y	R	RR2	73	85	25	100.0	21,427	11.1	58.0	74.1	
N78S-CB/LL Brand	Syngenta Seeds, Inc	Y	P	CB/LL	71	79	20	100.0	22,089	10.3	56.3	73.7	
Integra 9664	Wilbur-Ellis Company	Y	*	VT3PRO	68	81	22	100.0	20,370	10.7	58.5	73.5	
REV28HR20	Terral Seed Inc.	Y	R	HX1/LL/RR2	75	88	28	100.0	21,427	10.6	57.8	73.1	

Table 8A. 2010 Thrall Corn Performance Test, Stiles Farm Foundation, Thrall, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days to		Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
					50% Silk	Plant Ht. In.						
REV25HR49	Terral Seed Inc.	Y	R	HX1/LL/RR2	71	88	23	100.0	21,626	10.3	56.1	73.0
W4744VT3	Warner Seeds Inc.	Y	*	VT3	72	87	32	100.0	20,568	8.9	52.9	72.7
REV28R30	Terral Seed Inc.	Y	R	RR2	73	88	28	100.0	20,700	9.9	55.0	72.2
GA 26V21	Golden Acres Genetics	Y	W	VT3Pro	71	78	25	100.0	20,303	10.4	57.0	70.7
Integra 9613	Wilbur-Ellis Company	Y	*	VT3PRO	71	79	20	100.0	21,295	10.0	56.4	69.0
Belle 1655 PRO	Armor Corn	Y	*	RR2YGCBRW	71	82	26	100.0	20,634	9.7	55.8	68.9
REV25R29	Terral Seed Inc.	Y	R	RR2	71	82	22	100.0	19,311	10.5	56.8	67.1
Belle 1545 PRO	Armor Corn	Y	*	RR2YGCBRW	71	83	22	100.0	19,113	10.4	56.7	66.7
Belle BXGO80GT	Armor Corn	Y	*	RR	71	88	29	99.7	20,567	10.2	55.6	66.4
GA 28V81	Golden Acres Genetics	Y	R	VT3Pro	71	80	27	100.0	20,567	9.6	55.8	66.3
Belle 1560 PRO	Armor Corn	Y	*	RR2YGCBRW	69	77	19	100.0	19,046	10.8	57.9	65.6
GA 8315	Golden Acres Genetics	Y	R	None	72	85	25	100.0	22,023	11.2	58.6	65.4
WX1474VT3	Warner Seeds Inc.	Y	*	VT3	70	77	24	100.0	21,031	9.4	54.1	65.2
1420X	Triumph Seed Co., Inc.	Y	P	HXXT/RR	71	69	20	100.0	18,980	9.8	56.2	64.8
REV28HR30	Terral Seed Inc.	Y	R	HX1/LL/RR2	74	88	27	100.0	20,502	10.0	56.1	64.4
Integra 9676	Wilbur-Ellis Company	Y	*	VT3PRO	71	79	29	100.0	20,436	9.9	56.8	63.4
REV25R19	Terral Seed Inc.	Y	R	RR2	73	84	25	100.0	21,428	10.9	58.7	60.4
Mean					70.88	81.35	23.97	99.9	20,832	10.2	56.8	74.8
C.V.					1.28	5.05	12.49	920.23	6.49	4.61	1.49	15.48
L.S.D. .05					1.30	5.87	4.28	NS	1,930	0.68	1.21	17.14

Note 1: All data was analyzed using REMLTOOL. L.S.D.'s are given for traits that were significantly different at P<.05.

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas AgriLife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 3: Hybrids with the same yield were ranked by computer.

Table 8A. 2010 Thrall Corn Performance Test, Stiles Farm Foundation, Thrall, Texas.

Hybrid (1)	Company or Brand Name		Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
						Ht. In.	In.							

(1) Monsanto DKC 68-05 was entered as a fill hybrid in the test at our discretion. It is intended to be used for comparison purposes only.

(2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.

(3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

(4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgrLife Research, College Station, TX (979) 845-8505, dpietsch@ag.tamu.edu  
Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>

Table 8B. Three Year Summary (2008-2010), Corn Performance Test, Thrall, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
DKC66-96 (GENVT3P)	Monsanto Company	1	94.9	--	--	--	--
Integra 9602	Wilbur-Ellis Company	2	92.9	--	--	17	88.2
GA 27V01	Golden Acres Genetics	3	89.5	--	--	--	--
57V44	DynaGro Seeds CPS	4	89.1	--	--	16	88.8
Fill (DKC68-05)	Texas AgriLife Research	5	88.4	--	--	--	--
DKC69-40 (VT3)	Monsanto Company	6	87.6	--	--	26	83.2
DKC68-05 (GENVT3P)	Monsanto Company	7	85.4	--	--	--	--
WX1435VT3	Warner Seeds, Inc	8	82.2	--	--	--	--
V5373	DynaGro Seeds CPS	9	82.2	--	--	--	--
REV25HR39	Terral Seed Inc.	10	78.9	--	--	--	--
7514S	Triumph Seed Co., Inc.	11	77.5	--	--	--	--
N77P-3000GT Brand	Syngenta Seeds, Inc.	12	76.9	--	--	9	93.9
57T61	DynaGro Seeds CPS	13	76.5	--	--	--	--
GA 26V31	Golden Acres Genetics	14	76.5	--	--	--	--
Belle 1511C	Armor Corn	15	76.4	--	--	--	--
57V40	DynaGro Seeds CPS	16	76.3	--	--	--	--
REV26HR50	Terral Seed Inc.	17	76.1	--	--	--	--
Belle 1161 PRO	Armor Corn	18	75.8	--	--	--	--
W4777VT3	Warner Seeds, Inc	19	75.1	--	--	--	--
Belle BXC028VT3	Armor Corn	20	74.3	--	--	--	--
N78N-3000 GT Brand	Syngenta Seeds, Inc.	21	74.2	--	--	--	--
REV28R10	Terral Seed Inc.	22	74.1	--	--	--	--
N78S-CB/LL Brand	Syngenta Seeds, Inc.	23	73.7	--	--	--	--
Integra 9664	Wilbur-Ellis Company	24	73.5	--	--	--	--
REV28HR20	Terral Seed Inc.	25	73.1	--	--	--	--
REV25HR49	Terral Seed Inc.	26	73.0	--	--	--	--
W4744VT3	Warner Seeds, Inc	27	72.7	--	--	--	--
REV28R30	Terral Seed Inc.	28	72.2	--	--	--	--
GA 26V21	Golden Acres Genetics	29	70.7	--	--	--	--
Integra 9613	Wilbur-Ellis Company	30	69.0	--	--	--	--

Table 8B. Three Year Summary (2008-2010), Corn Performance Test, Thrall, Texas.

Belle 1655 PRO	Armor Corn	31	68.9	--	--	--	--
REV25R29	Terral Seed Inc.	32	67.1	--	--	--	--
Belle 1545 PRO	Armor Corn	33	66.7	--	2	100.7	--
Belle BXGO80GT	Armor Corn	34	66.4	--	--	--	--
GA 28V81	Golden Acres Genetics	35	66.3	--	--	--	--
Belle 1560 PRO	Armor Corn	36	65.6	--	--	--	--
GA 8315	Golden Acres Genetics	37	65.4	--	--	--	--
WX1474VT3	Warner Seeds, Inc	38	65.2	--	--	--	--
1420X	Triumph Seed Co., Inc.	39	64.8	--	--	--	--
REV28HR30	Terral Seed Inc.	40	64.4	--	--	--	--
Integra 9676	Wilbur-Ellis Company	41	63.4	--	--	--	--
REV25R19	Terral Seed Inc.	42	60.4	--	--	--	--
Number of Entries		42	--	--	36	--	--
Test Mean Yield			74.8	--		86.6	--

Note: 2009 Test not harvested due to drought

Table 9.

## AGRONOMIC AND TEST INFORMATION: BARDWELL

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TEST:	2010 Dryland Corn Performance Test
LOCATION:	Beakley Farms, Bardwell, Texas
COOPERATORS:	Bob Beakley and Steven Beakley
SOIL TYPE:	Houston black clay
ROW WIDTH:	30"
PREVIOUS CROP:	Cotton
LAND PREPARATION:	Shred, disked (2), and field cultivated
DATE PLANTED:	4-1-10: Planted flat with cones mounted on an ALMACO planter using JD Max-Emerge II units
PLOT LENGTH:	26'
FERTILIZER:	Applied in furrow at planting 7 gal/A of 9+18+9 Applied 200 lb/A of 32+0+0 pre-emerge + 1.5 lb/A of Atrazine Side-dressed 200 lb/A of 32+0+0 at 4 leaf stage
HERBICIDE:	Applied 1.5 lb/A of Atrazine with fertilizer
INSECTICIDE:	None, seeds were requested to be treated with a seed insecticide
RAINFALL:	February = 4.0"; March = 3.5"; April = 5.0"; May = 2.5"; June = 1.0"; July = 0.0"; Total = 16.0"
DATE HARVESTED:	9-1-10, with a JD3300 plot combine equipped with Grain Gauge
SIZE HARVESTED PLOT:	2 rows, 26' long
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	40
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	23,734 plants/A
TEST MEAN:	99.0 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	11.56%

COMMENTS: This test, located in Ellis County, is a major corn producing county in Texas Crop Reporting District 4, Texas Blacklands. It is estimated by the Texas Agricultural Statistics Service, that farmers in District 4 harvested 570,000 acres of Texas' 2.05 million acres of corn in 2010, or 27.8%.

For the third consecutive year, conditions were not favorable for maximum corn production at this test site. The season started with a full profile of moisture from fall and winter rains. Due to wet soil conditions, planting was delayed until April 1, which is approximately two weeks later than the optimum planting date. Seedling emergence was good, and rapid plant growth resulted from abundant soil moisture. Continuous plant growth and development resulted from a good fertilization program and timely rains in April and early-May.

During the tassel-silk stage, plants showed signs of early plant stress. No appreciable moisture was received during this critical stage, and only 1" of rainfall was recorded in June, thus probably reducing potential yields. The test block received only 8.5" of rainfall from planting until physiological maturity. Basically, the crop was produced from subsoil moisture in addition to early-season rainfall.

The test mean yield was 99.0 bu/A compared to the past 5-year average of 94.6 bu/A. It is interesting to note that over the past 5-year period, erratic weather conditions have been favorable only in 2007 when the test mean yield was 171.6 bu/A.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
Please visit the Crop Testing web page at <http://varietytesting.tamu.edu>

Table 9A. 2010 Bardwell Corn Performance Test, Bob and Steve Beakley Farm, Bardwell, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk	Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A											
													RR2YGCBRW	HX1/LL/RR2	HX1/LL/RR2	RR2YGCBRW	RR2	GENVT3P	HX1/LL/RR2	GT/CB/LL/RW	HX1/LL/RR2	VT3	CB/LL
Belle 1655 PRO	Armor Corn	Y	*	RR2YGCBRW	65	106	42	94.4	24,879	10.9	57.3	119.1											
REV26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	66	106	37	100.0	23,623	11.5	59.0	118.3											
REV28HR20	Terral Seed Inc.	Y	R	HX1/LL/RR2	69	110	42	98.0	24,377	11.3	58.0	117.1											
Belle BXCO28VT3	Armor Corn	Y	*	RR2YGCBRW	62	94	32	93.5	24,712	11.5	59.3	114.0											
REV28R10	Terral Seed Inc.	Y	R	RR2	68	113	39	100.0	23,791	11.2	57.6	113.2											
DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	64	96	37	96.7	24,210	10.8	57.1	112.3											
REV25HR49	Terral Seed Inc.	Y	R	HX1/LL/RR2	67	114	41	91.9	24,377	11.3	58.3	109.6											
N82V-3000 GT Brand	Syngenta Seeds, Inc	Y	P	GT/CB/LL/RW	63	112	37	90.1	23,204	11.2	57.7	109.5											
REV25HR39	Terral Seed Inc.	Y	R	HX1/LL/RR2	67	115	43	98.9	23,539	11.1	57.7	109.2											
Integra 9602	Wilbur-Ellis Company	Y	*	VT3	65	108	39	89.9	23,958	10.7	56.7	108.9											
N78S-CB/LL Brand	Syngenta Seeds, Inc	Y	P	CB/LL	65	104	41	91.4	23,539	10.7	56.5	108.7											
REV25R19	Terral Seed Inc.	Y	R	RR2	67	112	43	99.0	24,880	11.5	59.1	107.3											
GA 28V81	Golden Acres Genetics	Y	R	VT3Pro	65	109	41	93.1	23,958	11.0	57.2	107.2											
DKC68-05 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	64	98	36	98.2	23,790	10.7	57.5	106.3											
Belle 1161 PRO	Armor Corn	Y	*	RR2YGCBRW	65	107	36	97.4	23,958	10.8	56.7	105.7											
57V44	DynaGro Seeds CPS	*	*	VT3	64	105	41	89.7	23,204	10.6	56.0	104.7											
GA 8315	Golden Acres Genetics	Y	R	None	67	107	45	99.3	24,125	11.1	58.6	103.4											
Integra 9613	Wilbur-Ellis Company	Y	*	VT3PRO	66	102	36	95.7	24,963	10.9	56.1	101.0											
P1615HR	Pioneer Hi-Bred Int., Inc.	*	*	VT3Pro	68	111	43	92.8	24,628	11.4	58.7	100.2											
REV28R30	Terral Seed Inc.	Y	R	RR2	67	111	38	94.5	23,455	10.7	56.7	99.6											
GA 26V31	Golden Acres Genetics	Y	W	VT3Pro	67	108	33	87.7	24,293	10.5	56.1	98.7											
REV25R29	Terral Seed Inc.	Y	R	RR2	66	110	41	99.6	22,283	11.2	58.4	97.0											
Integra 9664	Wilbur-Ellis Company	Y	*	VT3PRO	63	107	35	80.0	22,953	11.2	58.6	95.8											
27V01	Golden Acres Genetics	Y	R	VT3Pro	67	109	37	70.8	23,120	10.3	55.4	94.5											
Belle 1511C	Armor Corn	Y	*	None	67	111	42	98.2	23,707	11.4	58.7	94.5											
Fill	Texas AgriLife Research																						
REV28HR30	Terral Seed Inc.	Y	R	HX1/LL/RR2	64	98	39	95.2	24,070	10.7	57.2	94.3											
D51VP40	DynaGro Seeds CPS	*	*	VTPRO	68	115	44	94.2	23,204	10.9	57.8	92.9											
GA 26V21	Golden Acres Genetics	Y	W	VT3Pro	66	103	34	97.9	24,293	10.8	56.7	92.5											
Integra 9676	Wilbur-Ellis Company	Y	*	VT3PRO	65	105	38	84.0	23,037	10.9	57.0	90.3											
		Y			65	103	45	95.4	24,042	10.7	57.4	89.1											



Table 9A. 2010 Bardwell Corn Performance Test, Bob and Steve Beakley Farm, Bardwell, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
					to 50% Silk	Plant Ht. In.							
N77P-3000GT	Syngenta Seeds, Inc	Y	P	GT/CB/LL/RW	66	107	42	92.0	23,036	10.7	55.8	88.5	
Belle BXGO80GT	Armor Corn	Y	*	RR	64	103	43	90.5	23,874	10.8	55.7	88.1	
V5373	DynaGro Seeds CPS	*	*	VT3	66	104	39	80.9	23,874	10.9	56.2	87.2	
Belle 1560 PRO	Armor Corn	Y	*	RR2YGCBRW	63	105	29	88.7	22,534	11.1	58.0	86.9	
7514S	Triumph Seed Co., Inc	Y	W	SSX	67	111	41	62.3	24,461	10.7	55.3	83.5	
TRX01714	Triumph Seed Co., Inc	Y	P	*	65	113	46	77.2	22,367	11.3	58.0	79.5	
57T61	DynaGro Seeds CPS	*	*	HX1RR	67	103	38	78.1	22,953	10.2	55.7	74.6	
Belle 1545 PRO	Armor Corn	Y	*	RR2YGCBRW	64	102	33	60.7	21,948	10.6	56.4	70.0	
Mean					65.36	106.16	39.01	90.7	23,734	10.9	57.3	99.0	
C.V.					1.71	5.51	10.00	7.93	4.85	3.35	1.17	11.56	
L.S.D. .05					1.60	8.37	5.58	10.29	1,647	0.53	0.99	16.86	

Note 1: All data was analyzed using REMLTOOL. L.S.D.'s are given for traits that were significantly different at P<.05.

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas AgriLife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 3: Hybrids with the same yield were ranked by computer.

(1) Monsanto DKC 68-05 was entered as a fill hybrid in the test three times at our discretion. The fill is intended to be used for comparison purposes only. The fills were analyzed separately, but combined as one entry in the table.

(2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.

(3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

(4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

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Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>

Table 9B. Three Year Summary (2008-2010), Corn Performance Test, Bardwell, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
Belle 1655 PRO	Armor Corn	1	119.1	--	--	--	--
REV26HR50	Terral Seed, Inc	2	118.3	--	--	--	--
REV28HR20	Terral Seed, Inc	3	117.1	--	--	--	--
Belle BXCO28VT3	Armor Corn	4	114.0	--	--	--	--
REV28R10	Terral Seed, Inc	5	113.2	--	--	--	--
DKC66-96 (GENVT3P)	Monsanto Company	6	112.3	--	--	--	--
REV25HR49	Terral Seed, Inc	7	109.6	--	--	--	--
N82V-3000 GT Brand	Syngenta Seeds	8	109.5	--	--	--	--
REV25HR39	Terral Seed, Inc	9	109.2	--	--	--	--
Integra 9602	Wilbur-Ellis Company	10	108.9	--	--	2	85.5
N78BS-CB/LL Brand	Syngenta Seeds	11	108.7	26	52.6	--	--
REV25R19	Terral Seed, Inc	12	107.3	--	--	--	--
GA 28V81	Golden Acres Genetics	13	107.2	--	--	--	--
DKC68-05 (GENVT3P)	Monsanto Company	14	106.3	--	--	--	--
Belle 1161 PRO	Armor Corn	15	105.7	--	--	--	--
57V44	DynaGro Seeds CPS	16	104.7	--	--	16	77.4
GA 8315	Golden Acres Genetics	17	103.4	--	--	--	--
Integra 9613	Wilbur-Ellis Company	18	101.0	--	--	--	--
P1615HR	Pioneer Hi-Bred Int., Inc.	19	100.2	--	--	--	--
REV28R30	Terral Seed, Inc	20	99.6	--	--	--	--
GA 26V31	Golden Acres Genetics	21	98.7	--	--	--	--
REV25R29	Terral Seed, Inc	22	97.0	--	--	--	--
Integra 9664	Wilbur-Ellis Company	23	95.8	--	--	--	--
27V01	Golden Acres Genetics	24	94.5	--	--	--	--
Belle 1511C	Armor Corn	25	94.5	--	--	--	--
Fill (DKC 68-05)	Texas AgriLife Research	26	94.3	--	--	--	--
REV28HR30	Terral Seed, Inc	27	92.9	--	--	--	--
57V40	DynaGro Seeds CPS	28	92.5	--	--	--	--
GA 26V21	Golden Acres Genetics	29	90.3	--	--	--	--
Integra 9676	Wilbur-Ellis Company	30	89.1	--	--	--	--

Table 9B. Three Year Summary (2008-2010), Corn Performance Test, Bardwell, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
N77P-3000GT Brand	Syngenta Seeds	31	88.5	7	62.5	--	--
Belle BXGO80GT	Armor Corn	32	88.1	--	--	--	--
V5373	DynaGro Seeds CPS	33	87.2	25	52.7	--	--
Belle 1560 PRO	Armor Corn	34	86.9	--	--	--	--
7514S	Triumph Seed Co., Inc	35	83.5	--	--	--	--
TRX01714	Triumph Seed Co., Inc	36	79.5	--	--	--	--
57T61	DynaGro Seeds CPS	37	74.6	17	55.8	--	--
Belle 1545 PRO	Armor Corn	38	70.0	--	--	--	--
INT9602VT3	Wilbur-Ellis Company	--	--	1	69.0	--	--
DKC63-14 (RR2/YGCB)	Monsanto Company	--	--	2	68.7	--	--
CXO 0916	DynaGro Seeds CPS	--	--	3	65.3	--	--
2G847	Mycogen Seeds	--	--	4	64.0	--	--
29010	Texas AgrLife Research	--	--	5	64.0	--	--
57V40	DynaGro Seeds CPS	--	--	6	62.8	--	--
Belle 1655VT3	Armor Corn	--	--	8	61.6	--	--
DKC68-06 (RR2/YGCB)	Monsanto Company	--	--	9	59.5	--	--
Belle 1545VT3	Armor Corn	--	--	10	58.8	--	--
Terral TV25TR29	Terral Seed, Inc	--	--	11	58.7	--	--
INT9674VT3	Wilbur-Ellis Company	--	--	12	58.5	--	--
Terral TV26TR41	Terral Seed, Inc	--	--	13	57.4	7	81.8
27Z07	Golden Acres Genetics	--	--	14	56.9	22	74.5
Terral TV25TR59	Terral Seed, Inc	--	--	15	56.1	--	--
INT9673VT3	Wilbur-Ellis Company	--	--	16	55.9	--	--
2V732	Mycogen Seeds	--	--	18	55.8	--	--
DKC67-23 (YGCB/RR2)	Monsanto Company	--	--	19	55.7	9	81.2
Garst 83E90-3000GT	Syngenta Seeds	--	--	20	55.4	29	67.6
57V05	DynaGro UAP	--	--	21	55.0	3	84.7
REV™ 26HR50	Terral Seed, Inc	--	--	22	53.5	--	--
26T23	Golden Acres Genetics	--	--	23	52.8	--	--
2T789	Mycogen Seeds	--	--	24	52.8	--	--

Table 9B. Three Year Summary (2008-2010), Corn Performance Test, Bardwell, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
REV™ 26HR70	Terral Seed, Inc	--	--	27	51.7	--	--
57W60	DynaGro Seeds CPS	--	--	28	51.6	--	--
REV™ 26R60	Terral Seed, Inc	--	--	29	51.3	--	--
2T804	Mycogen Seeds	--	--	30	49.3	36	61.9
Belle 1646VT3	Armor Corn	--	--	31	48.7	--	--
N78N-3000GT	Syngenta Seeds	--	--	32	48.7	--	--
Belle BX92CV	Armor Corn	--	--	33	46.9	--	--
REV™ 25HR49	Terral Seed, Inc	--	--	34	46.3	--	--
Belle BX90CV	Armor Corn	--	--	35	46.0	--	--
REV™ 28HR20	Terral Seed, Inc	--	--	36	45.2	--	--
REV™ 25HR39	Terral Seed, Inc	--	--	37	42.2	--	--
Terral TV27TR79	Terral Seed, Inc	--	--	38	42.0	--	--
REV™ 28R30	Terral Seed, Inc	--	--	39	40.8	--	--
26Y37	Golden Acres Genetics	--	--	40	37.5	--	--
Number of Entries		38		40		46	
Test Mean Yield		99.0		54.2		69.4	

Table 10.

## AGRONOMIC AND TEST INFORMATION: DUMAS

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TEST:	2010 Irrigated Corn Performance Test
LOCATION:	Lone Star Family Farms, Sunray, Texas
COOPERATORS:	Justin Crownover (Farmer) and Marcel Fischbacher (Moore Co. CEA)
SOIL TYPE:	Sherman silty clay loam
ROW WIDTH:	30"
PREVIOUS CROP:	Grain Sorghum
LAND PREPARATION:	Strip-till behind grain sorghum
DATE PLANTED:	4-28-10: Planted with cones mounted on an ALMACO planter using JD Max-Emerge II units
PLOT LENGTH:	26'
FERTILIZER:	255+0+0: Applied 125 lb/A of N as Anhydrous Ammonia when field was strip-tilled Applied 130 lb/A of N as 32-0-0 by fertigation during growing season
HERBICIDE:	Applied 1 lb/A of Atrazine + 3 oz/A of Balance Flex, pre-emerge Applied 14 oz/A of Basis Gold + 4 oz/A of Banvel as a post treatment
INSECTICIDE:	None, seeds were required to be treated with a seed insecticide
FUNGICIDE:	Applied 6 oz/A of Headline + 2 pts/A of Comite during the tassel-silk stage
RAINFALL:	15.00" during the growing season
IRRIGATIONS:	20.0" were applied through a center pivot system during the growing season
DATE HARVESTED:	9-28-10, with a JD 3300 plot combine equipped with Grain Gauge system
SIZE HARVESTED PLOT:	2 rows, 26' long
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	23
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	32,031 plants/A
TEST MEAN:	265.5 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	5.23%

COMMENTS: A combination of timely rains, good agronomic practices, and excellent plant stands resulted in outstanding yields at this Northern High Plains test site. The test block was planted on April 28 which is an optimum planting date for this location. Immediately after planting, the test block was irrigated which insured germination and activated a tank mix of herbicides which were applied prior to planting. Excellent plant stands were attained as reflected in the following table.

Excellent growing conditions persisted throughout the growing season. Moisture demands were met by applying irrigation water through the center pivot system, or by timely rainfall. A total of 15" of rainfall was recorded during the growing season which is considered above average for this area.

An excellent fertilization program provided the nutrients necessary for continuous plant growth and development. Anhydrous ammonia was applied during the strip-till operation and several applications of 32-0-0 were applied through the center pivot system during selected irrigations. Phosphorus and potassium were not applied to the test block due to acceptable residual levels of each nutrient.

Additional herbicides were applied later in the growing season that resulted in excellent weed and grass control. Also, an application of Comite and Headline were applied to the test block at the appropriate stage of growth.

The test mean yield was 265.5 bu/A compared to the past 3-year average of 240.1 bu/A. Ten hybrids produced between 270.4 bu/A and 288.7 bu/A. Test weights ranged from 54.2 lb/bu to 59.3 lb/bu with the test mean being 56.2 lb/bu. The incidence of lodging was minimal.

Appreciation is expressed to Mr. Marcel Fischbacher, Texas AgriLife Extension Agent, Moore County, for assisting in collecting notes and maintaining the test site.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
Please visit the Crop Testing web page at <http://varietytesting.tamu.edu>

Table 10A. 2010 Dumas Corn Performance Test, Justin Crownover Farm, Sunray, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant		Mois- ture %	Test Wt. lb/bu	Yield bu/A
					to 50% Silk	Ear Ht. In.	Plant Ht. In.	Pop. Per Acre			
Integra 9676	Wilbur-Ellis Company	Y	*	VT3 PRO	73	47	33,089	99.8	16.5	57.2	288.7
GA27V01	Golden Acres Genetics	Y	R	VT3 PRO	74	44	33,424	99.7	16.9	55.0	281.7
REV™ 26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	74	42	32,503	99.7	17.3	58.4	280.3
DeKalb DKC62-97 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	69	41	33,592	99.7	15.4	57.9	279.0
GA26V31	Golden Acres Genetics	Y	W	VT3 PRO	73	42	32,167	99.5	15.8	56.6	278.0
7514S	Triumph Seed Co. Inc.	Y	W	SmartStax	72	47	33,424	100.0	17.1	55.6	277.7
Integra 9613	Wilbur-Ellis Company	Y	*	VT3 PRO	71	40	32,419	100.0	15.2	56.8	276.5
Integra 9640	Wilbur-Ellis Company	Y	*	VT3	71	106	33,424	100.0	14.6	56.7	275.3
Fill	Texas AgriLife Research	Y	R	VT3	73	44	31,573	99.8	17.0	54.2	273.3
DeKalb DKC63-84 (GENVT3P)	Monsanto Company	Y	R	VT3	70	107	32,251	100.0	14.5	55.8	270.4
GA28V81	Golden Acres Genetics	Y	R	VT3 PRO	74	48	32,670	99.7	16.7	57.7	269.6
REV™ 21HR21	Terral Seed Inc.	Y	R	HX1/LL/RR2	74	43	31,916	99.5	15.6	59.3	268.4
1217Cb	Triumph Seed Co. Inc.	Y	*	YGCb	70	40	32,587	99.7	14.3	55.4	265.8
Integra 9651	Wilbur-Ellis Company	Y	*	VT3	71	106	32,084	100.0	17.1	56.0	262.7
REV™ 28HR29	Terral Seed Inc.	Y	R	HX1/LL/RR2	76	45	30,827	99.1	19.2	56.9	260.9
Integra 9650	Wilbur-Ellis Company	Y	*	VT3 PRO	72	41	30,241	100.0	15.9	56.6	256.8
DeKalb DKC64-83 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	70	39	32,670	99.5	16.2	58.9	254.9
REV™ 24HR51	Terral Seed Inc.	Y	R	HX1/LL/RR2	73	47	32,168	100.0	16.1	59.3	248.8
1420X	Triumph Seed Co. Inc.	Y	R	HXXT/RR	70	41	33,257	99.7	16.5	56.8	242.1
1326X	Triumph Seed Co. Inc.	Y	*	HXXT/RR	69	39	33,592	100.0	16.8	56.4	238.8
REV™ 26R60	Terral Seed Inc.	Y	R	RR2	75	43	31,078	94.0	16.7	57.4	231.1
1601X	Triumph Seed Co. Inc.	Y	*	HXXT/RR	70	46	30,743	99.7	16.9	55.3	227.7
REV™ 23HR41	Terral Seed Inc.	Y	R	HX1/LL/RR2	72	40	29,152	99.7	15.6	58.9	227.5
Mean					72.01	108.47	43.09	99.6	16.5	56.2	265.5
C.V.					1.57	2.79	5.52	0.91	2.01	0.91	5.23
L.S.D. .05					1.63	4.36	3.43	1.31	0.48	0.74	20.02

Note 1: All data was analyzed using REML TOOL. L.S.D.'s are given for traits that were significantly different at P<.05.

Table 10A. 2010 Dumas Corn Performance Test, Justin Crownover Farm, Sunray, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days		Plant		Mois- ture %	Erect Plants %	Test Wt. lb/bu	Yield bu/A
					to 50% Silk	Plant Ht. In.	Ear Ht. In.	Pop. Per Acre				

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas AgriLife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 3: Hybrids with the same yield were ranked by computer.

Note 4: Appreciation is expressed to Mr. Marcel Fischbacher, Texas AgriLife Extension Agent for Moore County for providing assistance at this test site.

(1) Golden Acres 27Z07 was entered six times as a fill hybrid in the test at our discretion. The entries were analyzed separately, but combined as one entry in the test. The fill is intended to be used for comparison purposes only.

(2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.

(3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

(4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

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Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu>



Table 10B. Three Year Summary (2008-2010), Corn Performance Test, Dumas, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
Integra 9676	Wilbur-Ellis Company	1	288.7	--	--	--	--
GA 27V01	Golden Acres Genetics	2	281.7	15	235.2	--	--
REV26HR50	Terral Seed Inc.	3	280.3	--	--	--	--
DeKalb DKC62-97 (GENTV3P)	Monsanto Company	4	279.0	--	--	--	--
GA 26V31	Golden Acres Genetics	5	278.0	--	--	--	--
7514S	Triumph Seed Co., Inc.	6	277.7	16	234.2	--	--
Integra 9613	Wilbur-Ellis Company	7	276.5	--	--	--	--
Integra 9640	Wilbur-Ellis Company	8	275.3	2	260.5	--	--
Fill 1 (27Z07)	Texas AgriLife Research	9	273.3	4	257.0	--	--
DeKalb DKC63-84 (GENTV3P)	Monsanto Company	10	270.4	--	--	--	--
GA 28V81	Golden Acres Genetics	11	269.6	--	--	--	--
REV21HR21	Terral Seed Inc.	12	268.4	--	--	--	--
1217Cb	Triumph Seed Co., Inc.	13	265.8	--	--	--	--
Integra 9651	Wilbur-Ellis Company	14	262.7	3	257.5	--	--
REV28HR29	Terral Seed Inc.	15	260.9	--	--	--	--
Integra 9650	Wilbur-Ellis Company	16	256.8	--	--	--	--
DeKalb DKC64-83 (GENTV3P)	Monsanto Company	17	254.9	--	--	--	--
REV24HR51	Terral Seed Inc.	18	248.8	--	--	--	--
1420X	Triumph Seed Co., Inc.	19	242.1	5	255.1	--	--
1326X	Triumph Seed Co., Inc.	20	238.8	--	--	--	--
REV26R60	Terral Seed Inc.	21	231.1	--	--	--	--
1601X	Triumph Seed Co., Inc.	22	227.7	--	--	--	--
REV23HR41	Terral Seed Inc.	23	227.5	--	--	--	--
24Y67	Golden Acres Genetics	--	--	1	265.4	--	--
27Z07	Golden Acres Genetics	--	--	6	254.8	--	--
Fill 2 (27Z07)	Texas AgriLife Research	--	--	7	254.0	--	--
57V40	Dyna-Gro Seeds CPS	--	--	8	247.3	--	--
DKC64-79 (VT3)	Monsanto Company	--	--	9	246.6	13	224.7
26Y23	Golden Acres Genetics	--	--	10	244.7	--	--
Fill 3 (27Z07)	Texas AgriLife Research	--	--	11	243.6	--	--

Table 10B. Three Year Summary (2008-2010), Corn Performance Test, Dumas, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
DKC61-69 (VT3)	Monsanto Company	--	--	12	240.2	26	197.4
DKC65-44 (VT3)	Monsanto Company	--	--	13	238.3	--	--
27V31	Golden Acres Genetics	--	--	14	236.8	--	--
26Y37	Golden Acres Genetics	--	--	17	228.6	--	--
1305X	Triumph Seed Co., Inc.	--	--	18	226.3	--	--
9674VT3	Wilbur-Ellis Company	--	--	19	223.1	--	--
57T61	Dyna-Gro Seeds CPS	--	--	20	222.7	--	--
Number of Entries		23		20		30	

Test Mean Yield bu/A

265.5

243.6

218.2

Table 11.

## AGRONOMIC AND TEST INFORMATION: DALHART

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TEST:	2010 Irrigated Corn Performance Test
LOCATION:	3G Farms, Dalhart, Texas
COOPERATORS:	Robert Gordon, Jared Gordon, and Mike Bragg
SOIL TYPE:	Dallam sandy loam
ROW WIDTH:	30"
PREVIOUS CROP:	Wheat
LAND PREPARATION:	Strip till
DATE PLANTED:	4-24-10 with cones mounted on an ALMACO planter using JD Max-Emerge II units
PLOT LENGTH:	25'
FERTILIZER:	n/a.
HERBICIDE:	n/a
FUNGICIDE:	n/a
MITICIDE:	n/a
INSECTICIDE:	n/a
RAINFALL:	n/a
IRRIGATIONS:	n/a
DATE HARVESTED:	10-5&6-10, with a JD 3300 plot combine equipped with Harvestmaster Grain Gauge System
SIZE HARVESTED PLOT:	2 rows, 25' long
TEST DESIGN:	Randomized complete block
NUMBER ENTRIES:	32
NUMBER REPLICATIONS:	4
NUMBER ROWS/PLOT:	2
MEAN PLANT POP:	31,899
TEST MEAN:	273.6 bu/A; yields corrected to 15.5% moisture
TEST C.V.:	6.33%

COMMENTS: Excellent growing conditions throughout the growing season resulted in outstanding yields at this test site. The test mean yield was 273.6 bu/A compared to the past 3-year average of 275.3 bu/A. Two hybrids produced over 300 bu/A. The incidence of lodging was very low. Good bushel weights were secured with the average mean being 57.8 lb/bu. This was a very uniform test as reflected by the C.V. of 6.33%.

Appreciation is expressed to Mr. Mike Bragg, Mr. David Graf, and Mr. Marcel Fischbacher, Texas AgriLife Extension Agents at Dallam, Sherman, and Moore County respectively, for assisting in collecting notes and maintaining the test site.

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For further information about this report, contact Mr. Dennis Pietsch, Crop Testing Director, Texas AgriLife Research, College Station, TX  
(979) 845-8505, [croptest@neo.tamu.edu](mailto:croptest@neo.tamu.edu)  
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Table 11A. 2010 Dalhart Corn Performance Test, Robert Gordon Farm, Dalhart, Texas.

Hybrid (1)	Company or Brand Name	Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk	Plant Ht. In.	Ear Ht. In.	% Erect Plants	Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A
DeKalb DKC64-69 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	78	108	50	99.6	32,670	16.5	59.8	310.3
Integra 9676	Wilbur-Ellis Company	Y	*	VT3 PRO	79	115	48	99.5	33,628	18.2	58.5	301.8
REV™ 26HR50	Terral Seed Inc.	Y	R	HX1/LL/RR2	78	117	45	99.7	32,496	18.5	59.5	296.2
GA26V31	Golden Acres Genetics	Y	W	VT3 PRO	78	116	46	100.0	33,541	15.7	57.5	294.0
N78W-GT/CB/LL	Syngenta Seeds Inc.	Y	P	CB/LL/GT	78	117	46	100.0	34,412	18.8	54.2	285.3
N78N-3000GT Brand	Syngenta Seeds Inc.	Y	W	CB/LL/RW/GT	78	115	44	99.7	31,450	19.6	57.1	284.1
Fill	Texas Agrilife Research				78	115	46	99.2	31,368	16.4	56.2	281.8
GA27V01	Golden Acres Genetics	Y	R	VT3 PRO	79	113	45	99.5	32,322	15.6	56.7	279.3
Integra 9640	Wilbur-Ellis Company	Y	*	VT3	77	105	39	99.5	32,844	15.5	57.2	278.9
GA28V81	Golden Acres Genetics	Y	R	VT3 PRO	77	115	52	99.7	31,363	18.2	58.3	278.8
REV™ 26R60	Terral Seed Inc.	Y	R	RR2	78	119	47	99.7	29,621	17.5	58.6	277.9
Integra 9613	Wilbur-Ellis Company	Y	*	VT3 PRO	78	106	39	100.0	33,715	14.5	58.8	275.4
GA26V21	Golden Acres Genetics	Y	W	VT3 PRO	77	109	44	97.6	33,106	16.1	59.2	273.1
Integra 9651	Wilbur-Ellis Company	Y	*	VT3	78	107	45	100.0	31,363	18.8	56.1	272.5
7514S	Triumph Seed Co. Inc.	Y	W	SmartStax	77	113	47	99.0	33,280	15.8	57.8	272.0
1420X	Triumph Seed Co. Inc.	Y	R	HXXT/RR	78	104	40	100.0	31,712	16.4	58.1	270.1
1217Cb	Triumph Seed Co. Inc.	Y	*	YGCb	77	106	44	99.7	26,833	16.4	56.3	266.7
DeKalb DKC66-96 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	78	112	44	100.0	32,931	17.7	57.9	265.1
REV™ 23HR41	Terral Seed Inc.	Y	R	HX1/LL/RR2	77	112	43	100.0	31,189	16.4	60.1	265.0
REV™ 21HR21	Terral Seed Inc.	Y	R	HX1/LL/RR2	79	118	45	100.0	32,583	16.6	60.3	264.6
REV™ 24HR51	Terral Seed Inc.	Y	R	HX1/LL/RR2	78	117	48	100.0	32,757	16.2	60.8	263.6
DeKalb DKC64-83 (GENVT3P)	Monsanto Company	Y	R	GENVT3P	79	108	40	99.7	33,280	15.5	60.3	259.5
N72K-GT/CB/LL Brand	Syngenta Seeds Inc.	Y	P	CB/LL/GT	78	112	47	99.7	33,485	15.0	57.8	255.8
Integra 9650	Wilbur-Ellis Company	Y	*	VT3 PRO	77	115	46	99.7	31,276	15.5	57.8	254.3
1326X	Triumph Seed Co. Inc.	Y	*	HXXT/RR	78	99	40	100.0	32,409	18.3	57.4	253.8
REV™ 28HR29	Terral Seed Inc.	Y	R	HX1/LL/RR2	79	116	47	98.7	31,102	20.3	58.2	251.2
1601X	Triumph Seed Co. Inc.	Y	*	HXXT/RR	78	106	45	100.0	27,181	15.7	58.3	213.2
Mean					77.85	112.00	44.99	100	31,899	16.8	57.8	273.6
C.V.					1.59	2.90	6.56	0.80	4.34	4.57	0.93	6.33
L.S.D. .05					NS	4.71	4.28	1.17	2,017	1.12	0.79	25.39

Table 11A. 2010 Dalhart Corn Performance Test, Robert Gordon Farm, Dalhart, Texas.

Hybrid (1)	Company or Brand Name		Grain Color (2)	Cob Color (3)	Type GE (4)	Days to 50% Silk		Plant Ht. In.	Ear Ht. In.	% Erect Plants	Plant Pop. Per Acre	Mois- ture %	Test Wt. lb/bu	Yield bu/A

Note 1: All data was analyzed using REML TOOL. L.S.D.'s are given for traits that were significantly different at P<.05.

Note 2: Hybrid names starting or ending with an "X" denotes a commercial experimental. Those hybrids entered by Texas AgriLife Research are either in the experimental stage or being tested as experimental check hybrids. Please contact respective seed companies for the availability of planting seed for the upcoming crop year.

Note 3: Hybrids with the same yield were ranked by computer.

Note 4: Appreciation is expressed to Mike Bragg and Marcel Fischbacher, Texas AgriLife Extension Agents for Dallam and Moore County respectively for providing assistance at this test site.

(1) Golden Acres 27Z07 was entered six times as a fill hybrid in the test at our discretion. The entries were analyzed separately, but combined as one entry in the test. The fill is intended to be used for comparison purposes only.

(2) Grain color designated by respective seed companies: Y=Yellow, W=White. An asterisk (\*) indicates company did not submit grain color.

(3) Cob color designated by respective seed companies: R=Red, W=White, P=Pink. An asterisk (\*) indicates company did not submit cob color.

(4) Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringiensis, YG= YieldGuard, CRW= Corn Root Worm, HX= Herculex, LL= Liberty Link, RR= Roundup Ready, CL= Clearfield, CB= Corn Borer. Please check with respective seed companies for details on a GE hybrid.

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Table 11B. Three Year Summary (2008-2010), Corn Performance Test, Dalhart, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2009.0		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Yield bu/A	Rank	Yield bu/A	Rank
DeKalb DKC64-69	Monsanto Company	1	310.3	--	--	--	--	--	--
Integra 9676	Wilbur-Ellis Company	2	301.8	--	--	--	--	--	--
REV26HR50	Terral Seed Inc.	3	296.2	--	--	--	--	--	--
GA 26V31	Golden Acres Genetics	4	294.0	18	250.4	--	--	--	--
N78W-GT/CB/LL	Syngenta Seeds Inc.	5	285.3	--	--	--	--	--	--
N78N-3000GT Brand	Syngenta Seeds Inc.	6	284.1	--	--	--	--	--	--
Fill (27Z07)	Texas AgriLife Research	7	281.8	--	--	--	--	--	--
GA 27V01	Golden Acres Genetics	8	279.3	6	271.3	--	--	--	--
Integra 9640	Wilbur-Ellis Company	9	278.9	1	286.9	--	--	--	--
GA 28V81	Golden Acres Genetics	10	278.8	--	--	--	--	--	--
REV26R60	Terral Seed Inc.	11	277.9	--	--	--	--	--	--
Integra 9613	Wilbur-Ellis Company	12	275.4	--	--	--	--	--	--
GA 26V21	Golden Acres Genetics	13	273.1	--	--	--	--	--	--
Integra 9651	Wilbur-Ellis Company	14	272.5	14	256.9	--	--	--	--
7514S	Triumph Seed Co., Inc.	15	272.0	5	271.4	--	--	8	293.7
1420X	Triumph Seed Co., Inc.	16	270.1	--	--	--	--	--	--
1217Cb	Triumph Seed Co., Inc.	17	266.7	--	--	--	--	--	--
DeKalb DKC66-96 (GENVT3P)	Monsanto Company	18	265.1	--	--	--	--	--	--
REV23HR41	Terral Seed Inc.	19	265.0	--	--	--	--	--	--
REV21HR21	Terral Seed Inc.	20	264.6	--	--	--	--	--	--
REV24HR51	Terral Seed Inc.	21	263.6	--	--	--	--	--	--
DeKalb DKC64-83 (GENVT3P)	Monsanto Company	22	259.5	--	--	--	--	--	--
N72K-GT/CB/LL Brand	Syngenta Seeds Inc.	23	255.8	--	--	--	--	--	--
Integra 9650	Wilbur-Ellis Company	24	254.3	--	--	--	--	--	--
1326X	Triumph Seed Co., Inc.	25	253.8	--	--	--	--	--	--
REV28HR29	Terral Seed Inc.	26	251.2	--	--	--	--	--	--
1601X	Triumph Seed Co., Inc.	27	213.2	--	--	--	--	--	--
Fill 1	Texas AgriLife Research	--	--	2	281.0	--	--	--	--
GA 26Y23	Golden Acres Genetics	--	--	3	279.8	--	--	--	--
Fill 2	Texas AgriLife Research	--	--	4	279.3	--	--	--	--

Table 11B. Three Year Summary (2008-2010), Corn Performance Test, Dalhart, Texas.

Hybrid (1)	Company or Brand Name	2010		2009		2009.0		2008	
		Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A	Rank	Yield bu/A
GA 24Y67	Golden Acres Genetics	--	--	7	268.6	--	--	--	--
Fill 3	Texas AgriLife Research	--	--	8	268.2	--	--	--	--
GA 27Z07	Golden Acres Genetics	--	--	9	264.0	--	--	--	--
9674VT3	Wilbur-Ellis Company	--	--	10	262.5	--	--	--	--
DKC64-79 (VT3)	Monsanto Company	--	--	11	262.5	15	285.2	--	--
Fill 4	Texas AgriLife Research	--	--	12	260.1	--	--	--	--
1536H	Triumph Seed Co., Inc.	--	--	13	259.3	--	--	--	--
7215H	Triumph Seed Co., Inc.	--	--	15	256.7	--	--	--	--
DKC65-44 (VT3)	Monsanto Company	--	--	16	253.8	--	--	--	--
GA 26Y37	Golden Acres Genetics	--	--	17	251.3	--	--	--	--
DKC61-69 (VT3)	Monsanto Company	--	--	19	244.0	--	--	--	--
1305X	Triumph Seed Co., Inc.	--	--	20	230.2	--	--	--	--
Number of Entries		27		20		30			
Test Mean Yield bu/A		273.6		262.9		282.4			



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## **LITERATURE CITED**

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