

# Gulf Coast Corn Hybrid Performance Trials



**2008**

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 **AgriLIFE EXTENSION**  
Texas A&M System

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**2008**  
**Gulf Coast Corn Hybrid Performance Trials**

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Variety selection is the most important decision made during the year. Unlike herbicide or insecticide decisions that can be changed during the season to address specific conditions and pests, variety selection is made only once and that selection will dictate the management of that entire field for the entire season. Select corn hybrids on proven performance records, not solely on the recommendation of your local seed dealer. A hybrid with demonstrated superior yielding ability across multiple locations and/or years is likely the one that will perform consistently on your farm.

To assist producers with variety selection, trials are conducted annually in counties located throughout the Gulf Coast region. Testing hybrids across many locations and/or years exposes them to a diversity of growing environments such as may occur on your farm over many years. We believe this approach provides a good foundation of information that can be utilized to begin the decision making process for the upcoming season. If possible, do not rely on results from a single location in a single year. There is no guarantee that conditions will be similar in future years or at other locations. Unfortunately, the rate of hybrid turnover on the market and in performance tests has accelerated in recent years, reducing the availability of multi-year test results. This rapid turnover underscores the need for annual examination of hybrid performance at several locations. Each year review as many public and private tests within your region as possible before making a decision.

In 2008, twelve trials were conducted throughout the region. Trials were located in Nueces, San Patricio, Dewitt, Calhoun, Victoria, Matagorda, Wharton, Colorado, Fort Bend, Jackson, Brazoria, and Wilson counties. All locations were given a core set of varieties (pages 2 and 3) to maintain some uniformity, however, at the discretion of the producer some locations added varieties from companies that did not choose to participate at the beginning of the season. Also included in this report are two current year summaries (pages 6 and 7) that combine the yield results for counties located in the lower and upper coast. Counties that were missing one or more of the core set of varieties entered were not included in the two combined summary reports.

Four of the trials (Nueces, Wharton, Matagorda, and Brazoria) were replicated trials which enables the data to be analyzed statistically which gives one greater confidence in knowing if there are truly any statistically differences in hybrids. The statistical analysis at the bottom of the table presents a general overview of the uniformity of the test conditions (soil type, cultural practices, insect damage, etc.). Trial locations with large LSD's (more than 10 bushels/acre) generally offer little useful information due to non-uniform conditions (higher degree of variability).

Hybrids that are statistically different from one another will not have the same letter next to the corresponding number value in a column. For example, the top yielding variety in the Matagorda trial is significantly higher when compared to all other varieties.

Tables 1-2, 3, and 4 in the following pages list participating seed companies and hybrids entered by county, participating Extension agents and producers, and pertinent trial information for each location, respectively.

Also included on the last three pages are results of the Corpus Christi and Wharton Corn Performance Tests conducted by Dennis R. Pietsch, Research Associate, Texas AgriLife Research, College Station, Texas.

**Table 1. Participating seed companies and hybrids entered by county.**

<b>Company</b>	<b>Hybrid</b>	<b>Traits</b>	<b>Nueces</b>	<b>San Patricio</b>	<b>Dewitt</b>	<b>Wilson</b>
Asgrow	RX940	RR2	X	X	X	X
BH Genetics	9078RRPLUS	RR2/YGPL	X	X	X	X
Croplan Genetics	8950RB	RR2/YGCB	X	X	X	X
DeKalb	DKC69-71	RR2/YGCB	X	X	X	X
Garst	8478	GT/CB/LL	X	X	X	X
Golden Acres	27Z07	VT3	X	X	X	X
Hyttest	7891	VT3	X	X	X	X
Integra	9662VT3	VT3	X	X	X	X
NC+ Hybrids	6361	RR2/YGCB	X	X	X	X
Northrup King	N70-C7	GT/CB/LL	X	X	X	X
Triumph	1802CbRR	RR2/YGCB	X	X	X	X

X = entered in trial.

**Table 2. Participating seed companies and hybrids entered by county.**

<b>Company</b>	<b>Hybrid</b>	<b>Traits</b>	<b>Calhoun</b>	<b>Victoria</b>	<b>Matagorda</b>	<b>Wharton</b>	<b>Colorado</b>	<b>Ft. Bend</b>	<b>Jackson</b>	<b>Brazoria</b>
BH Genetics	9078RRPLUS	RR2/YGPL	X	X	X	X	X	X	X	X
Croplan Genetics	8950RB	RR2/YGCB	X	X	X	X	X	X	X	X
DeKalb	69-71	RR2/YGCB	X	X	X	X	X		X	X
Dynagro	58P59	RR2/YGCB	X	X	X	X	X	X	X	X
Garst	83E90-3000GT	GT/CB/LL/RW	X	X	X	X	X	X	X	X
Hytest	HT7891	VT3	X	X	X	X	X	X	X	X
Integra	9662VT3	VT3	X	X	X	X	X	X	X	X
NC+	6361	RR2/CB	X	X	X	X	X	X	X	X
Northrup King	N77P5	GT/CB/LL	X	X	X	X	X	X	X	X
Triumph	1802CbRR	RR2/YGCB	X	X	X	X	X	X	X	X
Warner	4705BR	RR2/YGCB	X		X	X	X			

x = entered in trial.

**Table 3. Participating Extension agents and producers.**

<b>County</b>	<b>Town</b>	<b>Extension Agent</b>	<b>Producer</b>
Nueces	Robstown	Jeff Stapper	TAMU Meany Annex Farm
San Patricio	Sinton	Duane Campion	Robert Rieder
Dewitt	Cuero	Anthony Netardus	Fred and Chad Hahn
Wilson	Floresville	Charles Pfluger	Sixtus and Edward Laskowski
Calhoun	Port Lavaca	Phoenix Rogers	Shannon Farms, Dennis Klump
Victoria	Victoria	Joe Janak	Kenneth and Keith Johnson
Matagorda	Bay City	Brent Batchelor	E&H Farms
Wharton	Wharton	Peter McGuill	Wharton County Fairgrounds
Colorado	Columbus	Dale Rankin	Fritz Leopold
Fort Bend	Rosenberg	Joe Mask	Stasney Farms
Jackson	Edna	Mike Hiller	Jerome Rozsypal
Brazoria	Angleton	Corrie Bowen	TDC Darrington Farm Prison Unit

**Table 4. 2008, county, planting date, harvest date, row spacing, plot dimensions, area harvested, and harvest method.**

<b>County</b>	<b>Planting Date</b>	<b>Harvest Date</b>	<b>Row Spacing</b>	<b>Plot Dimensions</b>	<b>Area harvested/plot</b>	<b>Harvest Method</b>	<b>Replicated</b>
Nueces	February 19	June 25	38 inches	4 rows by 35 ft	1000 <sup>th</sup> /acre	hand	Yes-4x
San Patricio	February 19	July 21	38 inches	8 rows by 3700 ft	8 rows by 750 ft	machine	no
Dewitt	February 27	July 14	30 inches	6 rows by 1170 ft	6 rows by 1170 ft	machine	no
Wilson	February 26	July 17	38 inches	8 rows by 1400 ft	8 rows by 700 ft	machine	no
Calhoun	February 28	July 15	38 inches	6 rows by 1026 ft	6 rows by 513 ft	machine	no
Victoria	February 29	July 22	38 inches	6 rows by 1122 ft	6 rows by 1122 ft	machine	no
Matagorda	February 27	July 31	38 inches	8 rows by 583 ft	8 rows by 583 ft	machine	Yes-3x
Wharton	March 5	July 21	40 inches	12 rows by 700 ft	12 rows by 700 ft	machine	Yes-3x
Colorado	February 19	July 28	40 inches	4 rows by 1910 ft	4 rows by 1870 ft	machine	no
Fort Bend	March 6	August 1	36 inches	6 rows by 1512 ft	6 rows by 1512 ft	machine	no
Jackson	Feb 25	July 15	38 inches	8 rows by 2235 ft	4 rows by 2235 ft	machine	no
Brazoria	March 18	August 26	38 inches	6 rows by 530 ft	6 rows by 530 ft	machine	yes-3x

**San Patricio, Dewitt, Nueces, and Wilson Counties Uniform Corn Hybrid Trials 2008-Combined Locations**

**Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist**

<b>Hybrid</b>	<b>Trait</b>	<b>San Patricio</b>	<b>Dewitt</b>	<b>Nueces</b>	<b>Wilson</b>	<b>Average<sup>1</sup></b>
NK N70-C7	GT/CB/LL	135.0	85.5	67.0	71.7	89.8
NC+ 6361	RR2/YGCB	126.0	76.8	75.7	77.5	89.0
Garst 8478	GT/CB/LL	117.0	83.2	58.4	75.4	83.5
Golden Acres 27Z07	VT3	124.0	78.7	49.7	76.1	82.1
Triumph 1802CbRR	RR2/YGCB	130.0	76.7	58.0	59.6	81.1
BH Gen. 9078RRPLUS	RR2/YGPL	129.0	73.0	57.6	64.5	81.0
Hyttest HT 7891	VT3	129.0	72.9	48.6	71.0	80.4
Croplan Gen. 8950RB	RR2/YG/CB	115.0	84.3	47.5	69.4	79.1
Integra 9662VT3	VT3	128.0	77.0	44.2	65.4	78.7
Asgrow RX940	RR2	126.0	77.5	44.8	59.1	76.9
DeKalb DKC69-71	RR2/YG/CB	101.0	74.5	48.1	63.1	71.7
Mean	----	123.6	78.2	54.5	68.4	81.2

<sup>1</sup>Adjusted to 15%

**Wharton, Colorado, Calhoun, and Matagorda Counties Uniform Corn Hybrid Trials 2008-Combined Locations**

**Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist**

<b>Hybrid</b>	<b>Trait</b>	<b>Wharton</b>	<b>Colorado</b>	<b>Calhoun</b>	<b>Matagorda</b>	<b>Average<sup>1</sup></b>
Dynagro 58P59	RR2/YGCB	78.2	115.9	127.6	76.7	99.6
Integra 9662VT3	VT3	75.0	113.3	126.1	71.7	96.5
NK N77P5	GT/CB/LL	76.0	107.0	127.2	67.3	94.4
NC+ 6361	RR2/YGCB	72.9	106.0	123.6	74.0	94.1
Hytest HT7891	VT3	74.7	111.4	122.0	64.7	93.2
Garst 83E90-3000GT	GT/CB/LL/RW	71.3	108.0	121.5	68.3	92.3
Warner 4705BR	RR2/YGCB	76.8	106.2	122.9	60.3	91.6
Triumph 1802CbRR	RR2/YGCB	67.5	103.9	116.9	68.0	89.1
BH Gen. 9078RRPLUS	RR2/YGPL	67.5	109.2	112.5	65.0	88.6
DeKalb 69-71	RR2/YGCB	62.7	104.5	107.2	67.0	85.4
Croplan 8950RB	RR2/YGCB	59.4	85.9	116.5	68.3	82.5
Mean	----	71.1	106.5	120.4	68.3	91.6

<sup>1</sup>Adjusted to 15%

**Nueces County Corn Hybrid Trial, 2008**

Cooperator: Texas AgriLife Research and Extension Center Meany Annex  
 Jeff Stapper, County Extension Agent-Agriculture and Natural Resources, Nueces County  
 Dr. Dan Fromme, Assistant Professor and Extension Agronomist

<b>Hybrid</b>	<b>Value- Added Trait</b>	<b>Plant Pop. (1000)</b>	<b>Moisture (%)</b>	<b>Bu. Wt. (lbs.)</b>	<b>Bu./ Acre<sup>1</sup></b>
NC+ 6361	RR2/CB	19.65 a	14.70 bc	51.75 efg	75.65 a
NK N70-C7	GT/CB/LL	19.50 a	13.25 de	54.00 bcd	67.00 a
BH Gen. 9014VT3	VT3	19.20 a	15.08 b	56.63 a	59.95 a
Garst 8478	GT/CB/LL	19.50 a	12.98 e	53.38 b-e	58.35 a
Triumph 1802CbRR	RR2/YGCB	20.55 a	17.48 a	52.00 def	58.03 a
BH Gen. 9078RRPLUS	RR2/YGPL	19.70 a	17.73 a	53.63 b-e	57.58 a
Golden Acres 27Z07	VT3	19.75 a	14.28 b-e	50.67 fg	49.70 a
Hyttest HT7891	VT3	19.20 a	14.15 b-e	49.75 g	48.58 a
DeKalb DKC69-71	RR2/YGCB	20.65 a	14.40 bcd	54.50 abc	48.05 a
Croplan 8950RB	RR2/YGCB	18.65 a	13.85 b-e	53.50 b-e	47.48 a
Asgrow RX940	RR2	19.45 a	13.53 cde	55.25 ab	44.83 a
Integra 9662VT3	VT3	19.85 a	13.40 cde	53.00 cde	44.18 a
Mean	----	19.64	14.57	53.17	54.95
P>F	----	0.5295	0.0001	0.0001	0.4469
LSD (P=0.05)	----	NS	1.381	2.236	NS
Standard Dev.	----	1.148	0.957	1.541	18.988
CV%	----	5.85	6.57	2.9	34.56

Means in a column followed by the same letter are not significantly different by ANOVA.

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 2/19/08

Harvest date: 6/25/08

Row spacing: 38 inches

Each variety was replicated four times in a RCB design.

### San Patricio County Corn Hybrid Trial, 2008

Cooperator: Robert Rieder

Duane Campion, County Extension Agent-Agriculture and Natural Resources, San Patricio  
County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Hybrid	Value-Added Trait	Moisture (%)	Bu. Wt. (lbs.)	Bu./Acre <sup>1</sup>
Northrup King N70-C7	GT/CB/LL	12.9	58.2	135
Triumph 1802CbRR	RR2/YGCB	13.2	58.1	130
BH Genetics 9078RRPLUS	RR2/YGPL	13.2	56.0	129
HyTest HT7891	VT3	12.9	56.5	129
Integra 9662VT3	VT3	12.5	57.5	128
NC+ 6361	RR2/CB	13.2	56.4	126
Asgrow RX940	RR2	13.3	60.8	126
Golden Acres 27Z07	VT3	13.0	56.3	124
Garst 8478	GT/CB/LL	12.8	58.9	117
Croplan Genetics 8950RB	RR2/YGCB	13.9	58.7	115
DeKalb DKC69-71	RR2/YGCB	13.4	60.0	101
Mean	----	13.1	57.9	123.6

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 2/19/08

Harvest date: 7/21/08

Row spacing: 38 inches

### Dewitt County Corn Hybrid Trial, 2008

Cooperator: Fred and Chad Hahn

Anthony Netardus, County Extension Agent-Agriculture and Natural Resources, Dewitt County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Hybrid	Value-Added Trait	Moisture (%)	Bu. Wt. (lbs.)	Bu./Acre <sup>1</sup>
Fielder Choice 7880	RR2/YGCB	10.5	54.0	89.0
Pioneer 31G71	RR2/LL/HX1	10.9	56.0	86.5
Northrup King N70-C7	GT/CB/LL	10.0	54.0	85.5
Croplan Genetics 8950RB	RR2/YGCB	12.1	55.0	84.3
Garst 8478	GT/CB/LL	10.0	55.0	83.2
Golden Acres 27Z07	VT3	10.1	51.0	78.7
Asgrow RX940	RR2	11.2	56.5	77.5
Integra 9662VT3	VT3	10.0	53.0	77.0
NC+ 6361	RR2/CB	10.3	52.0	76.8
Triumph 1802CbRR	RR2/YGCB	11.8	55.0	76.7
DeKalb DKC69-71	RR2/YGCB	12.4	54.0	74.5
BH Genetics 9078RRPLUS	RR2/YGPL	11.2	54.5	73.0
Hyttest HT7891	VT3	10.0	49.0	72.9
Mean	----	10.8	53.8	79.7

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 2/27/08

Harvest date: 7/14/08

Row spacing: 30 inches

### Wilson County Corn Hybrid Trial, 2008

Cooperator: Sixtus and Edward Laskowski

Charlie Pfluger, County Extension Agent-Agriculture and Natural Resources, Wilson County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Hybrid	Value-Added Trait	Moisture (%)	Bu. Wt. (lbs.)	Bu./Acre <sup>1</sup>
NC+ 6361	RR2/CB	9.2	49.5	77.5
Golden Acres 27Z07	VT3	8.8	48.5	76.1
Garst 8478	GT/CB/LL	9.6	51.5	75.4
Northrup King N70-C7	GT/CB/LL	10.6	51.0	71.7
HyTest HT7891	VT3	9.5	48.5	71.0
Croplan Genetics 8950RB	RR2/YGCB	12.3	51.5	69.4
Integra 9662VT3	VT3	10.5	50.5	65.4
BH Gentic 9078RRPLUS	RR2/YGPL	12.6	55.0	64.5
DeKalb DKC69-71	RR2/YGCB	12.6	55.0	63.1
Triumph 1802CbRR	RR2/YGCB	12.5	53.0	59.6
Asgrow RX940	RR2	12.3	54.0	59.1
Mean	----	51.6	10.9	68.4

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 2/26/08

Harvest date: 7/17/08

Row spacing: 38 inches

**Calhoun County Corn Hybrid Trial, 2008**

Cooperator: Shannon Farms, Dennis Klump

Phoenix Rogers, County Extension Agent-Agriculture and Natural Resources, Calhoun County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

<b>Hybrid</b>	<b>Value-Added Trait</b>	<b>Moisture (%)</b>	<b>Bu. Wt. (lbs.)</b>	<b>Bu./Acre<sup>1</sup></b>
DynaGro 58P59	RR2/YGCB	11.7	54.8	127.6
Northrup King N77P5	GT/CB/LL	11.0	56.8	127.2
Integra 9662VT3	VT3	11.0	57.0	126.1
NC+ 6361	RR2/CB	11.6	54.8	123.6
Warner 4705BR	RR2/YGCB	11.0	54.0	122.9
Hyttest HT7891	VT3	11.6	54.0	122.0
Garst 83E90-3000GT	GT/CB/LL/RW	10.9	57.5	121.5
Triumph 1802CbRR	RR2/YGCB	11.4	58.3	116.9
Croplan Genetics 8950RB	RR2/YGCB	11.4	58.8	116.5
BH Genetics 9078RRPLUS	RR2/YGPL	12.2	59.0	112.5
DeKalb DKC69-71	RR2/YGCB	11.9	59.3	107.2
Mean	----	11.4	56.8	120.4

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 2/28/08

Harvest date: 7/15/08

Row spacing: 38 inches

### Victoria County Corn Hybrid Trial, 2008

Cooperator: Kenneth and Keith Johnson

Joe Janak, County Extension Agent-Agriculture and Natural Resources, Victoria County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Hybrid	Value-Added Trait	Moisture (%)	Bu. Wt. (lbs.)	Bu./Acre <sup>1</sup>
DynaGro 58P59	RR2/YGCB	9.0	55	112
Croplan Genetics 8950RB	RR2/YGCB	13.0	59	108
Integra 9662VT3	VT3	9.0	56	107
Northrup King N77P5	GT/CB/LL	9.0	57	106
Hytest HT7891	VT3	9.0	55	101
Pioneer 31G65	RR2	10.0	55	97
Triumph 1802CbRR	RR2/YGCB	11.0	59	97
Garst 83E90-3000GT	GT/CB/LL/RW	10.0	56	96
NC+ 6361	RR2/CB	9.0	56	91
BH Genetics 9078RRPLUS	RR2/YGPL	13.0	54	90
DeKalb DKC69-71	RR2/YGCB	12.0	58	89
Mean	----	10.4	56.4	100.5

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 2/29/08

Harvest date: 7/22/08

Row spacing: 38 inches

**Matagorda County Corn Hybrid Trial, 2008**

Cooperator: E&H Farms

Brent Batchelor, County Extension Agent-Agriculture and Natural Resources, Matagorda County  
Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

<b>Hybrid</b>	<b>Value-Added Trait</b>	<b>Moisture (%)</b>	<b>Bu. Wt. (lbs.)</b>	<b>Bu./ Acre<sup>1</sup></b>
DynaGro 58P59	RR2/YGCB	13.50 a	58.23 a	76.7 a
NC+ 6361	RR2/CB	13.37 a	58.77 a	74.0 b
Integra 9662VT3	VT3	13.47 a	59.13 a	71.7 b
Croplan 8950RB	RR2/YGCB	13.30 a	59.13 a	68.3 c
Garst 83E90-3000GT	GT/CB/LL/RW	13.43 a	59.07 a	68.3 c
Triumph 1802CbRR	RR2/YGCB	13.20 a	58.60 a	68.0 c
Northrup King N77P5	GT/CB/LL	13.10 a	58.77 a	67.3 cd
DeKalb DKC69-71	RR2/YGCB	13.63 a	59.23 a	67.0 cde
BH Genetics 9078RRPLUS	RR2/YGPL	12.90 a	59.40 a	65.0 de
Hyttest HT7891	VT3	13.60 a	58.83 a	64.7 e
Warner 4705BR	RR2/YGCB	13.40 a	59.30 a	60.3 f
Mean	----	13.35	58.95	68.3
P>F	----	0.6521	0.4543	0.0001
LSD (P=0.05)	----	NS	NS	2.39
Standard Deviation	----	0.431	0.592	1.41
CV%	----	3.23	1.0	2.06

Means in a column followed by the same letter are not significantly different by ANOVA.

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 2/27/08

Harvest date: 7/31/08

Row spacing: 38 inches

Each variety was replicated three times in a RCB design.

### Wharton County Corn Hybrid Trial, 2008

Cooperator: Wharton County Fairgrounds

Peter McGuill, County Extension Agent-Agriculture and Natural Resources, Wharton County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Hybrid	Value-Added Trait	Moisture (%)	Bu. Wt. (lbs.)	Bu./Acre <sup>1</sup>
DynaGro 58P59	RR2/YGCB	11.63 e	54.03 cd	78.17 a
Warner 4705BR	RR2/YGCB	11.63 e	53.60 cd	76.83 ab
Northrup King N77P5	GT/CB/LL	11.97 bcd	55.27 b	76.03 ab
Integra 9662VT3	VT3	11.77 de	55.63 b	74.97 ab
Hyttest HT7891	VT3	11.80 cde	54.13 c	74.70 ab
NC+ 6361	RR2/CB	11.70 e	53.27 d	72.93 abc
Garst 83E90-3000GT	GT/CB/LL/RW	12.03 bc	55.40 b	71.30 bc
Triumph 1802CbRR	RR2/YGCB	12.13 b	55.47 b	67.50 cd
BH Genetics 9078RRPLUS	RR2/YGPL	12.20 b	57.53 a	67.47 cd
DeKalb DKC69-71	RR2/YGCB	12.13 b	57.17 a	62.70 de
Croplan Genetics 8950RB	RR2/YGCB	12.50 a	55.90 b	59.37 e
Mean	----	11.95	55.22	71.1
P>F	----	0.0001	0.0001	0.0001
LSD (P=0.05)	----	0.254	0.818	6.013
Standard Deviation	----	0.149	0.480	3.531
CV%	----	1.25	0.87	4.97

Means in a column followed by the same letter are not significantly different by ANOVA.

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 3/5/08

Harvest date: 7/21/08

Row spacing: 40 inches

Each variety was replicated three times in a RCB design.

**Colorado County Corn Hybrid Trial, 2008**

Cooperator: Fritz Leopold

Dale Rankin, County Extension Agent-Agriculture and Natural Resources, Colorado County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

<b>Hybrid</b>	<b>Value-Added Trait</b>	<b>Moisture (%)</b>	<b>Bu. Wt. (lbs.)</b>	<b>Bu./ Acre<sup>1</sup></b>
Golden Acres 27Z07	VT3	18.9	52.0	120.0
DynaGro 58P59	RR2/YGCB	16.9	53.5	115.9
Integra 9662VT3	VT3	18.3	54.5	113.3
Hyttest HT7891	VT3	18.6	53.0	111.4
BH Genetics 9078RRPLUS	RR2/YGPL	18.8	56.5	109.2
Garst 83E90-3000GT	GT/CB/LL/RW	19.6	55.5	108.0
Northrup King N77P5	GT/CB/LL	17.7	54.5	107.0
Warner 4705BR	RR2/YGCB	17.7	52.5	106.2
NC+ 6361	RR2/CB	18.3	53.0	106.0
DeKalb DKC69-71	RR2/YGCB	18.4	57.0	104.5
Triumph 1802CbRR	RR2/YGCB	18.4	56.0	103.9
Croplan Genetics 8950RB	RR2/YGCB	19.2	56.5	85.9
Mean	----	18.4	54.5	107.6

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 3/19/08

Harvest date: 7/28/08

Row spacing: 40 inches

### Fort Bend County Corn Hybrid Trial, 2008

Cooperator: Stasney Farms

Joe Mask, County Extension Agent-Agriculture and Natural Resources, Fort Bend County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Hybrid	Value-Added Trait	Moisture (%)	Bu. Wt. (lbs.)	Bu./Acre <sup>1</sup>
Northrup King N77P5	GT/CB/LL	12.4	53.7	68
NC+ 6361	RR2/CB	12.2	53.2	65
DynaGro 58P59	RR2/YGCB	12.3	53.4	63
Triumph 1802CbRR	RR2/YGCB	13.3	56.7	63
BH Genetics 9078RRPLUS	RR2/YGPL	13.0	57.3	59
Integra 9662VT3	VT3	12.0	54.6	56
Hyttest HT7891	VT3	12.2	51.9	55
Garst 83E90-3000GT	GT/CB/LL/RW	12.4	54.7	48
Croplan Genetics 8950RB	RR2/YGCB	12.4	53.6	42
Mean	----	12.5	54.3	57.7

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 3/6/08

Harvest date: 8/1/08

Row spacing: 36 inches

### Jackson County Corn Hybrid Trial, 2008

Cooperator: Jerome Rozsypal

Mike Hiller, County Extension Agent-Agriculture and Natural Resources, Jackson County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Hybrid	Value-Added Trait	Moisture (%)	Bu. Wt. (lbs.)	Bu./Acre <sup>1</sup>
DynaGro 58P59	RR2/YGCB	12.0	52.0	80.6
Garst 83E90-3000GT	GT/CB/LL/RW	12.5	55.0	80.6
Integra 9662VT3	VT3	12.1	55.0	79.5
NC+ 6361RB	RR2/YGCB	12.0	51.5	79.3
Hyttest HT7891	VT3	11.9	52.0	73.8
Croplan 8950RB	RR2/YGCB	12.9	55.5	69.4
Northrup King N77P5	GT/CB/LL	12.0	53.0	69.2
BHGenetics 9078RRPLUS	RR2/YGPL	13.0	56.0	67.9
Triumph 1802CbRR	RR2/YGCB	12.9	54.0	64.0
DeKalb DKC69-71	RR2/YGCB	12.6	56.0	61.6
Mean		12.4	54.0	72.6

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 2/25/08

Harvest date: 7/15/08

Row spacing: 38 inches

### Brazoria County Corn Hybrid Trial, 2008

Cooperator: Texas Department of Corrections Darrington Farm Prison Unit  
 Corrie Bowen, County Extension Agent-Agriculture and Natural Resources, Brazoria County  
 Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Hybrid	Value-Added Trait	Moisture (%)	Bu. Wt. (lbs.)	Bu./ Acre <sup>1</sup>
Triumph 1802CbRR	RR2/YGCB	11.80 a	59.67 b	150.0 a
Garst 83E90-3000GT	GT/CB/LL/RW	11.63 a	58.17 c	149.7 ab
DeKalb DKC69-71	RR2/YGCB	12.27 a	61.00 a	149.0 ab
NC+ 6361	RR2/CB	11.33 a	57.33 cd	148.7 ab
BH Genetics 9078RRPLUS	RR2/YGPL	12.17 a	61.00 a	141.0 abc
Dynagro 58P59	RR2/YGCB	11.27 a	56.00 e	140.3 abc
Hytest 7891	VT3	11.30 a	56.50 de	135.7 abc
Croplan 8950RB	RR2/YGCB	12.47 a	59.83 ab	135.7 abc
Integra 9662VT3	VT3	11.57 a	56.00 e	134.7 bc
Northrup King N77P5	GT/CB/LL	11.67 a	57.31 cd	127.0 c
Mean	----	11.75	58.28	141.2
P>F	----	0.0985	0.0001	0.0479
LSD (P=0.05)	----	NS	1.275	15.03
Standard Deviation	----	0.515	0.740	8.76
CV%	----	4.38	1.27	6.21

Means in a column followed by the same letter are not significantly different by ANOVA.

<sup>1</sup>Adjusted to 15% moisture.

Planting date: 3/18/08

Harvest date: 8/26/08

Row spacing: 38 inches

Each variety was replicated three times in a RCB design.

**2008 Corpus Christi Corn Performance Test, Texas AgriLife Research and Extension Center, Corpus Christi, Texas  
Dennis R. Pietsch, Research Associate, Texas AgriLife Research, College Station, Texas**

<b>Hybrid (1)</b>	<b>Company</b>	<b>Grain Color (2)</b>	<b>Cob Color (3)</b>	<b>Type GE (4)</b>	<b>Days to 50% Silk</b>	<b>Plant Ht. In.</b>	<b>Ear Ht. In.</b>	<b>% Erect Plants</b>	<b>Plant Pop. Per Acre</b>	<b>Moisture %</b>	<b>Test Wt. lb/bu</b>	<b>Yield bu/A</b>
Integra 9673	Integra	Y	P	VT3	68	69	25	99.5	20,009	10.3	53.4	58.3
DKC 69-40	DeKalb	Y	R	VT3	66	62	22	100.0	19,384	13.4	56.8	58.0
Integra 9674	Integra	Y	P	VT3	70	72	24	98.3	18,680	10.6	53.0	57.9
57K33	DynaGro UAP	Y	R	RR/YG/CB	69	68	24	98.5	18,915	10.7	54.4	56.5
57P12	DynaGro UAP	Y	R	RR/YG/CB	69	69	21	99.5	19,931	10.4	53.8	54.3
57V05	DynaGro UAP	Y	R	RR/YG/CB	71	67	22	100.0	19,306	10.2	53.5	54.0
57V44	DynaGro UAP	Y	R	RR/YG/CB	68	68	24	98.3	17,743	9.7	52.8	53.5
DKC 67-23	DeKalb	Y	R	YGCB/RR2	69	66	26	97.8	19,306	13.4	56.0	52.7
Integra 9662	Integra	Y	P	VT3	68	67	21	99.3	19,384	10.2	53.5	49.6
Fill	Texas AgriLife	Y	R	GT/CB/LL/RW	69	67	22	99.8	18,569	10.1	53.0	49.2
Integra 9683RB	Integra	Y	P	RR2/CB	71	69	22	100.0	20,087	11.1	54.6	47.8
DKC 67-87	DeKalb	Y	R	YGCB/RR2	71	67	29	99.0	19,384	13.2	55.0	46.1
DKC 69-71	DeKalb	Y	R	YGCB/RR2	72	71	28	99.0	20,009	10.9	54.6	37.8
Integra 9691VT3	Integra	Y	P	VT3	72	69	29	97.0	18,367	14.2	54.4	37.7
Mean					69.25	67.63	23.39	99	19,024	10.9	53.8	50.4
C.V.					1.44	6.12	7.73	1.63	5.55	7.10	1.47	21.90
L.S.D. .05					1.48	NS	2.68	NS	1,564	1.38	1.40	19.64

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 n "X" denotes a commercial experimental. Those hybrids entered by the Texas Agricultural Experiment Station 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 same yield were ranked by computer.

Garst 83E90 was used as a fill hybrid. Plots were averaged and presented in the table. The hybrid is intended to be used for companion purposes only.

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

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

Genetically enhanced hybrid submitted by respective seed companies. B.t.=Bacillus thuringensis, 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.

**2008 Wharton Corn Performance Test, Larry Kalina Farm, Wharton, Texas**

Dennis R. Pietsch, Research Associate, Texas AgriLife Research, College Station, 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	Moisture %	Test Wt. lb/bu	Yield bu/A
DKC67-87 (YGCB/RR2)	DeKalb	Y	R	YGCB/RR2	62	93	36	100.0	22,366	15.9	56.9	126.8
Terral TV26TR41	Terral Seed Inc,	Y	R	VT3	62	93	33	99.5	23,497	13.8	55.9	122.8
Terral TV26BR61	Terral Seed Inc,	Y	R	RR/YGCB	62	90	36	100.0	23,560	14.7	57.6	118.9
W4706PR	Warner Seeds, Inc.	Y	P	Bt/RR/CW	61	93	27	99.5	21,738	12.9	55.7	118.1
Terral TV25BR71	Terral Seed Inc,	Y	R	RR/YGCB	62	88	30	100.0	22,555	16.7	56.2	118.0
27Z07	Golden Acres Genetics	Y	R	RR/Bt	64	94	34	100.0	23,937	13.6	54.7	117.6
58P27	DynaGro UAP	Y	R	RRYGCB	62	84	31	100.0	24,565	14.9	56.5	117.5
Terral TV25R31	Terral Seed Inc,	Y	R	RR	63	89	32	100.0	22,618	16.0	56.4	117.0
Integra 9673	Integra	Y	P	VT3	62	98	31	99.8	22,052	12.2	55.2	114.5
58P59	DynaGro UAP	Y	R	RRYGCB	64	94	34	100.0	23,183	12.9	54.8	113.7
NK N77P-3000GT	Syngenta Seeds	Y	P	GT/CB/LL/RW	62	91	31	99.8	23,183	11.5	55.1	113.6
2821RLH	Golden Acres Genetics	Y	W	RR/LL/Bt	62	93	31	99.8	24,377	11.2	55.7	113.4
W4705BR	Warner Seeds, Inc.	Y	P	Bt/RR	63	95	34	100.0	23,434	12.3	54.3	113.3
DKC69-40 (VT3)	DeKalb	Y	R	VT3	60	83	28	100.0	23,372	14.8	59.3	113.0
Integra 9602	Integra	Y	P	VT3	62	93	32	99.0	22,932	10.8	55.1	112.4
Belle 1545 RY	Belle Southern Hybrids	Y	*	RR2/YGCB	63	95	30	100.0	23,309	13.1	55.5	112.3
8778HxRR	Hoegemeyer	Y	W	HX1LLRR	62	91	31	99.8	23,874	11.7	56.7	112.2
58P60	DynaGro UAP	Y	R	RRYGCB	63	88	36	100.0	23,434	15.5	57.4	111.5
DKC67-23 (YGCB/RR2)	DeKalb	Y	R	YGCB/RR2	62	91	34	100.0	21,864	13.3	56.5	111.1
Terral TV26BR41	Terral Seed Inc,	Y	R	RR/YGCB	62	96	33	99.8	23,434	14.3	55.5	111.0
MC 590	KOZMO-Masters Choice	Y	P	VT3	62	98	32	100.0	22,681	13.2	54.6	110.8
Terral TVX27BR84	Terral Seed Inc,	Y	R	RR/YGCB	65	89	33	100.0	23,372	14.7	57.4	110.5
NG6891	Fielder's Choice Direct	Y	R	YGCB/RR	64	94	37	100.0	22,178	13.0	54.5	109.6
6203VTRR	Hoegemeyer	Y	P	RRBtCRW	62	97	29	99.8	21,864	13.4	55.5	108.9
Terral TVX28R92	Terral Seed Inc,	Y	R	RR	64	89	32	100.0	21,927	13.8	57.1	107.0
Terral TV25BR23	Terral Seed Inc,	Y	R	RR/YGCB	62	85	29	100.0	22,932	12.5	56.6	106.7
Integra 9662	Integra	Y	P	VT3	62	93	28	100.0	22,618	11.2	55.1	105.9
W4705R	Warner Seeds, Inc.	Y	P	RR	63	93	33	100.0	23,937	13.4	54.9	105.8
2989RRB	Golden Acres Genetics	Y	R	RR/Bt	65	88	34	100.0	22,806	14.3	57.3	105.7
Garst 83E90-3000GT	Syngenta Seeds	Y	P	GT/CB/LL/RW	62	91	29	100.0	23,120	13.9	56.2	104.6
Integra 9674	Integra	Y	P	VT3	64	98	31	100.0	22,366	13.4	55.0	104.6
Terral TV24R83	Terral Seed Inc,	Y	R	RR	63	93	33	100.0	24,063	13.4	55.2	103.3
Belle 1646 RY	Belle Southern Hybrids	Y	*	RR2/YGCB	64	94	33	100.0	22,366	12.6	54.2	102.6
MC 573	KOZMO-Masters Choice	Y	P	VT3	62	92	31	99.8	21,738	11.3	56.7	102.5
Integra IX07651	Integra	Y	P	VT3	62	87	26	100.0	24,000	13.4	56.4	102.0

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	Moisture %	Test Wt. lb/bu	Yield bu/A
9896Hx	Hoegemeyer	Y	P	HX1LL	62	91	34	99.5	22,052	13.2	55.4	100.6
Garst 82R45-GT	Syngenta Seeds	Y	P	GT	63	96	30	100.0	21,424	11.8	55.9	99.6
7505VT3	Croplan Genetics	Y	R	VT3	60	86	28	100.0	23,874	13.5	57.1	98.9
6831TS	Croplan Genetics	Y	W	Bt/CRW/RR2	61	95	31	90.0	21,361	11.3	55.9	98.2
Fill(DKC69-71)	Tx. AgriLife Research	Y	R	YGCB/RR2	65	91	31	99.8	23,309	14.1	58.0	98.1
Belle 1844 RY	Belle Southern Hybrids	Y	*	RR2/YGCB	66	88	31	100.0	22,492	14.3	57.4	95.2
Terral TV26R73	Terral Seed Inc,	Y	R	VT3	66	87	31	99.5	23,497	13.4	57.4	94.3
NG6834	Fielder's Choice Direct	Y	R	VT3	61	89	30	100.0	22,995	11.5	56.0	92.8
DKC69-71 (YGCB/RR2)	DeKalb	Y	R	YGCB/RR2	64	93	35	100.0	24,063	14.3	58.0	92.6
NK N78N-GT/CB/LL	Syngenta Seeds	Y	W	GT/CB/LL	63	94	30	100.0	22,241	13.1	55.9	86.5
TxY28003	Tx. AgriLife Research (KM)	Y	P	NONE	64	91	37	100.0	21,738	15.3	59.8	85.9
TxY28004	Tx. AgriLife Research (KM)	Y	P	NONE	64	85	36	99.0	21,110	13.3	59.8	81.1
TxY28005	Tx. AgriLife Research (KM)	Y	P	NONE	65	83	31	100.0	23,246	14.1	56.4	63.0
Mean					62.71	91.17	31.75	99.67	22,889	13.4	56.3	106.0
C.V.					1.25	3.52	8.53	1.68	6.19	6.11	1.01	8.37
L.S.D. .05					1.12	4.57	3.85	2.38	2,016	1.24	0.87	13.73

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 the Texas Agricultural Experiment Station 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) DeKalb DKC69-71(YGCB/RR2) was entered as a check hybrid 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 or details on a GE hybrid.