

Performance of Corn Hybrids in Louisiana 2013



**LAES Research
Summary No. 199
November 2013**

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This publication and the research reported herein were supported in part by checkoff funds from the
LOUISIANA SOYBEAN AND GRAIN RESEARCH AND PROMOTION BOARD.
This support is greatly appreciated.



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Performance of Corn Hybrids in Louisiana, 2013

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Clayton Hollier, David Kerns, Josh Lofton, Boyd Padgett and Bill Waltman**

Performance of corn hybrids is annually evaluated by Louisiana Agricultural Experiment Station (LAES) researchers in Official Variety Trials (OVT's). The purpose of these trials is to provide to Louisiana growers, seedsmen, county agents of the Louisiana Cooperative Extension Service (LCES), and other interested individuals and organizations with unbiased performance data for commercial corn hybrids submitted for evaluation by private agencies. The cooperating LAES units in 2013 were: Dean Lee Research Station, Alexandria; Red River Research Station, Bossier City; Northeast Research Station, St. Joseph; and Macon Ridge Research Station, Winnsboro.

The LCES also conducted On-Farm Demonstrations and Core Blocks in 2013 evaluating hybrids on farms around the state. The results from core block and OVT's trials provide information to the growers, helping in hybrid selection for their farms.

Procedures

Official Variety Trials: In 2013, 65 corn hybrids were entered in the LAES yield trials. Soil type, cultural practices, location summaries, and weather graphs are listed prior to data tables for each location. In weather graphs, maximum and minimum temperatures are weekly averages and rainfall weekly totals. At St. Joseph, trials were conducted both on Commerce silt loam and Sharkey clay Mississippi River alluvial soils. The Bossier City and Winnsboro trials were furrow irrigated.

The experimental design at each location was a randomized complete block design with four or five replications. Traits measured and rating scales are listed in Table 1. Analysis of variance and least significant differences (LSD) were computed using SAS (Statistical Analysis System). We used the protected F-test, which means LSD's were calculated only if differences among hybrids existed at the 90% confidence level. If differences were significant, a LSD at the 10% probability level was calculated. If the LSD (0.10) for yield in a trial is 10 bu/acre, there is a 10% chance that two hybrids with a reported yield difference of 10 bu/acre are genetically equal and a 90% probability they have differences in genetic potential in that particular environment. LSD values are influenced by how well soil fertility, stand establishment, plot length, harvest efficiency, and other variables are controlled and by number of replications for each hybrid. The letters NS are used in the text and tables to indicate lack of significance (not significantly

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different) at the 10% probability level. The coefficient of variation (CV) reflects the magnitude of experimental error (random variation not accounted for by hybrids and replications) in relation to the trial mean. A high CV means that relative differences among hybrids were not consistent among replications, which reduces the precision of a test.

Table 1. Traits and rating scales for LAES official variety trials.		
Trait	Abbreviation	Description
Yield	Yield	Grain yield @ 15.5% harvest grain moisture, bu/a (2013)
2-year yield average	2- yr avg	Average grain yield for 2012 and 2013, bu/a
Grain moisture	Gr Mo	Grain moisture at harvest, %
Test weight	Test wt	Volume weight of grain, lb/bu
Plant population	Stand	Number of plants at harvest, plt/a
Mid-silking date	Mid-silk	Date of silk emergence in 50% of plants in plots, days after planting (DAP)
Plant height	Plt ht	Height from ground to flag leaf, inches
Ear height	Ear ht	Height from ground to where primary ear attaches to the plant, inches
Husk cover	HC	Measure of how well the kernels are covered by the husk, with ratings of 1-3; 1- closed and 3- open husk
Kernel weight	Ker wt	Grams/100 kernels
Kernels per ear (ear size)	KPE	Number of kernels/ear

On-Farm Demonstrations and Core Blocks:

The on-farm core block trials were placed with active corn producers and subjected to the standard production practices for that producer. Several trials suffered from adverse growing conditions. Separate core block trials were conducted for ‘stacked’ varieties – containing both glyphosate tolerance and insect resistance – and ‘non-stacked’ varieties that had glyphosate tolerance only. The data are presented to provide yield results by trial, as well as some trend comparisons from compiled data. As opposed to the Official Variety Trial research, core block trials are sometimes not replicated in the field, and rigorous statistical analyses are often not possible. However, sufficient trials were conducted across a variety of locations that meaningful and relevant observations can be made that will be useful to Louisiana producers as they make seed-buying decisions.

Results

Official Variety Trials: Summary of yield performance across locations is presented in Table 2. Yield data for 2013 and two-year averages (2012 and 2013) and other agronomic data for each location are presented in Tables 4-8. To be considered for a two-year average, hybrids must have the same seed traits each year (refer to Table 8). Yields for the hybrids in the highest-yielding group for 2013 (yields falling within one LSD value) are in bold print. Hybrids in bold print with a single asterisk are in the highest-yielding group for both years, 2012 and 2013. Seed traits and hybrid maturities are listed in Table 9, and participating seed companies are listed in Table 10. Ratings for corn earworm damage were taken; however, not reported due to minimal corn earworm pressure in 2013. Disease ratings were taken but not reported due to low disease pressure in 2013. Temperatures for the Macon Ridge location were also used for the Northeast Research Station. There were eleven seed companies that participated in the 2013 corn hybrid performance trials.

For additional information on corn trials, please contact Dr. Rick Mascagni, Northeast Research Station, P.O. Box 438, St. Joseph, LA 71366 (Ph: 318-766-3769; Fax: 318-766-4278; e-mail: hmascagni@agcenter.lsu.edu); or the coordinator at a specific location, Ronnie Levy, Dean Lee Research Station, Alexandria, LA 71302 (Ph: 318-473-6524, Fax: 318-473-6535, e-mail: rlevy@agcenter.lsu.edu); Blair Buckley, Red River Research Station, Bossier City, LA 71113 (Ph: 318-741-7430, Fax 318-741-7433, e-mail: bbuckley@agcenter.lsu.edu).

Table 2. Summary of yield performance of corn hybrids at five locations in the 2013 LAES official variety trials.

Brand/Hybrid	Alex	BC	St. Joseph		WN	Avg
			Com sil	Shar cl		
			bu/a			
Armor 1133PRO2	186.3	224.2	192.1	139.6	190.9	186.6
Armor 1262PRO2	177.1	188.6	183.6	144.7	168.9	172.6
Armor 1550PRO2	190.6	198.1	201.5	142.7	172.1	181.0
Armor 1555SS	208.7	205.2	197.8	119.6	179.1	182.1
Armor 1880PRO2	208.5	215.5	207.7	151.6	183.0	193.3
BH Genetics 8550VT2P	190.5	172.7	195.0	143.5	181.4	176.6
BH Genetics 8700SS	215.8	206.3	212.2	126.1	188.8	189.8
BH Genetics 8732VTTP	197.3	213.1	204.4	141.1	186.8	188.5
BH Genetics 8735VTTP	217.7	182.2	213.0	150.2	195.6	191.7
BH Genetics 8830VTTP	201.0	225.1	196.2	139.4	194.4	191.2
BH Genetics 8900GT3	215.1	198.1	203.6	144.8	191.1	190.5
BH Genetics 8928VTTP	202.5	202.0	198.5	140.6	169.1	182.5
Croplan Genetics CG6640VT3P	224.7	209.9	212.0	140.3	200.7	197.5
Croplan Genetics CG6926RR	188.9	170.8	186.2	134.8	169.4	170.0
Croplan Genetics CG6960VT3P	205.5	196.7	221.6	144.1	181.6	189.9
Croplan Genetics CG8410VT3P	200.7	173.8	191.9	132.6	183.3	176.5
Croplan Genetics CG8621VT2P	190.7	184.3	192.8	140.4	191.8	180.0
Dekalb DKC61-78	179.8	190.4	205.2	135.3	171.9	176.5
Dekalb DKC61-88	199.2	147.7	209.9	130.3	173.1	172.0
Dekalb DKC62-08	207.8	212.6	201.2	135.2	198.1	191.0
Dekalb DKC64-69	213.7	201.9	190.0	138.9	186.6	186.2
Dekalb DKC66-40	199.1	183.6	199.3	153.2	196.4	186.3
Dekalb DKC66-87	197.4	190.8	229.4	153.6	202.3	194.7
Dekalb DKC66-97	195.2	214.6	209.6	144.9	187.2	190.3
Dekalb DKC67-57	197.8	196.4	183.0	145.1	192.8	183.0
Dekalb DKC69-29	211.0	207.7	207.9	147.7	206.2	196.1
Delta Grow DG1660	182.0	167.4	175.4	127.6	169.4	164.4
Delta Grow DG2788GTCBLL	192.4	193.5	190.1	138.8	172.3	177.4
Delta Grow DG2888GTCBLL	193.7	175.9	189.0	134.6	162.2	171.1
Delta Grow DG3660VIP	218.2	231.3	213.3	145.4	191.2	199.9
Delta Grow DG3788GTCBLL	205.5	154.1	173.2	137.0	181.3	170.2
Delta Grow DG6160VIPGTCBLL	204.3	198.8	201.5	138.0	183.7	185.3
Dyna-Gro D52VC91	207.7	205.8	194.2	139.6	181.5	185.8
Dyna-Gro D53VC13	190.0	193.5	180.4	136.6	185.7	177.2
Dyna-Gro D54VP81	196.5	194.4	197.4	151.4	173.8	182.7
Dyna-Gro D55VP77	217.0	207.3	197.2	129.5	179.8	186.2
Dyna-Gro D56VC46	218.3	234.5	213.1	138.0	186.0	198.0
Dyna-Gro D57VP51	211.1	232.9	213.7	145.0	169.2	194.4
Golden Acres 26V21	214.5	180.2	203.1	140.9	176.7	183.1
Golden Acres G6611	214.6	207.5	208.7	146.4	196.3	194.7

Brand/Hybrid	Alex	BC	St. Joseph		WN	Avg
			Com sil	Shar cl		
			bu/a			
Golden Acres G7601	205.5	199.0	199.8	149.0	192.2	189.1
Mycogen 2A787	206.4	167.2	209.9	122.7	163.7	174.0
Mycogen 2C786	202.9	200.9	197.0	149.8	188.6	187.8
Mycogen 2J794	208.5	205.2	191.2	142.7	190.4	187.6
Mycogen 2P886	207.0	191.3	174.4	117.7	172.0	172.5
Mycogen 2V707	221.2	183.5	191.1	139.6	183.7	183.8
Mycogen 2V714	207.4	204.1	192.4	135.7	188.8	185.7
Mycogen 2Y811	201.5	205.0	192.3	148.5	177.4	184.9
Mycogen 2Y816	200.8	206.0	190.9	143.1	171.4	182.4
Pioneer P1105YHR	178.7	193.8	203.5	137.0	179.2	178.4
Pioneer P1685YHR	228.1	219.5	220.2	132.5	156.6	191.4
REV® 17HR73™	188.9	186.2	191.1	151.6	179.4	179.4
REV® 18BHR84™	208.6	210.4	207.6	136.7	182.0	189.1
REV® 22BHR21™	199.1	212.5	204.0	147.5	174.5	187.5
REV® 22BHR43™	203.3	216.2	209.1	160.1	196.1	197.0
REV® 22BHR54™	181.7	156.8	189.6	144.0	173.7	169.2
REV® 24BHR93™	211.1	200.7	219.0	153.3	199.3	196.7
REV® 25BHR44™	207.2	222.6	209.4	131.2	204.8	195.0
REV® 26BHR50™	228.7	206.7	224.5	143.8	192.1	199.2
REV® 27HR83™	195.5	191.0	218.7	144.2	190.7	188.0
REV® 28HR20™	238.3	177.9	217.2	137.6	186.8	191.6
REV® 28R10™	215.0	196.2	213.7	154.0	201.1	196.0
Triumph TR1725H	208.0	225.9	192.1	128.5	185.8	188.1
Triumph TRX11832X	190.8	189.8	185.8	124.1	171.4	172.4
Triumph TRX21366S	188.6	201.6	189.2	141.8	176.9	179.6
Average	202.8	196.9	200.0	140.3	183.3	

On - Farm Corn Demonstration Core Blocks:

Table 3: Summary of corn hybrid demonstrations at twenty locations identified by parish.

Yield expressed in dry bushels per acre (15.5% Moisture)

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Corn Hybrid Performance Trial at the Dean Lee Research Station – Alexandria

Location Summary

Rainfall was about normal in April, May, and June, with below normal rainfall in July in this dryland trial. Yields ranged from 177.1 to 238.3 bu/acre, with a trial average of 202.8 bu/acre (Table 2). Forty of the sixty-five hybrids had yields greater than 200 bu/acre. Nineteen hybrids had two-year averages. Four hybrids fell within the highest-yielding group in 2013. Test weights were excellent averaging 59.4 lb/bu.

Soil type	Coushatta silt loam
Tillage	Subsoiled and hipped in fall,, with no spring cultivation.
Row spacing	38 inches
Seeding rate	32,000 seed/acre
Previous crop	Soybeans
Planting date	March 14
Fertilization	<i>Fall:</i> 175 lb 0-18-36/acre <i>Sidedress:</i> 200 lb N/acre (30-0-0-2) and 2 qts of Trafix Zn/acre applied foliarly, 4/22 and 5/9.
Pesticides	<i>Preemerge:</i> 16 oz/acre of Charger Max, 40 oz/acre of Atrazine, and 4 oz/acre of Grizzly Z.
Harvest date	August 26

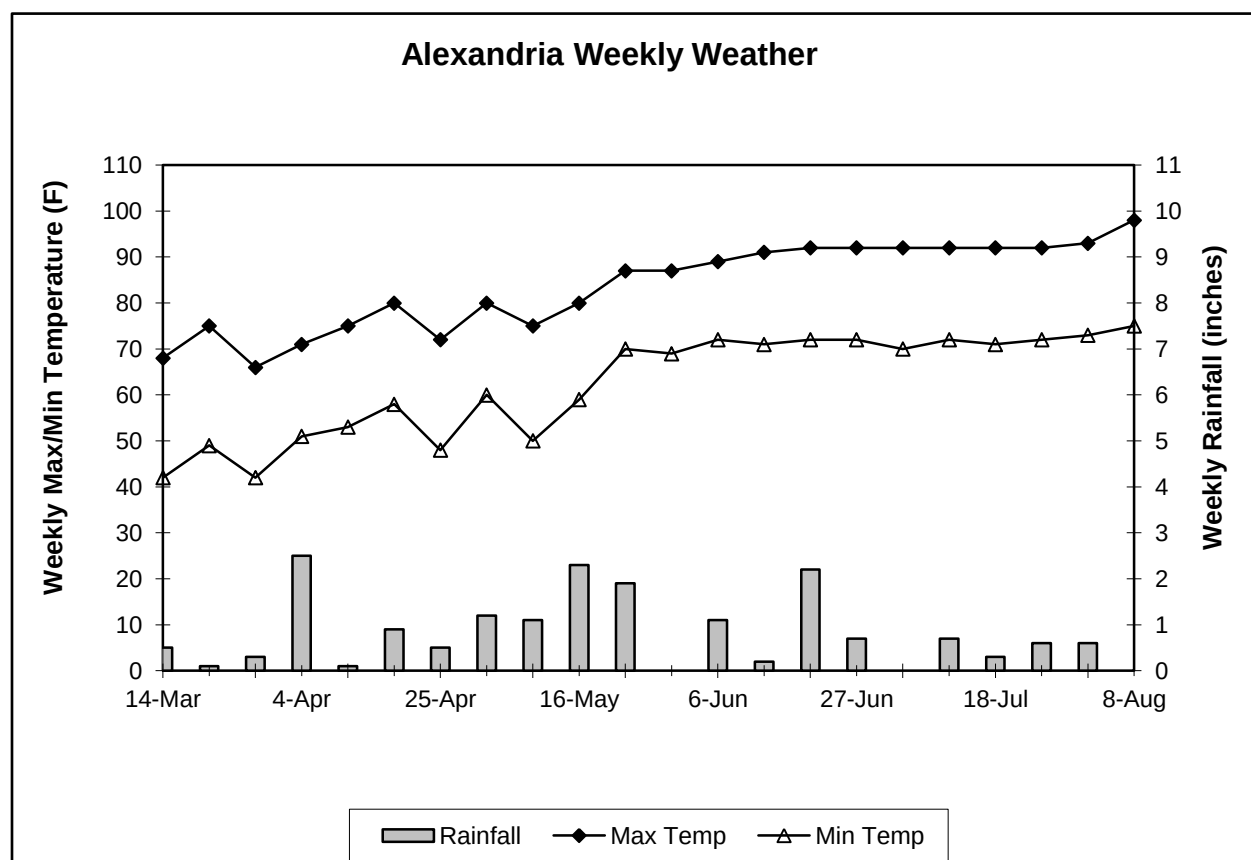


Table 4. Performance of corn hybrids at Alexandria, 2013.

Brand/hybrid	2013 Yield¹	2-yr avg²	Gr mo	Test wt	Stand	Plt ht	Ear ht	HC
	bu/a	bu/a	%	lb/bu	plt/a	in	in	1-3
REV®28HR20™	238.3	197.6	17.0	61.6	29,580	107	51	2
REV®26BHR50™	228.7	-	17.1	60.7	27,520	93	45	1
Pioneer P1685YHR	228.1	-	16.5	58.6	29,580	99	49	2
Croplan Genetics CG6640VT3P	224.7	-	16.1	59.3	29,070	89	41	2
Mycogen 2V707	221.2	-	15.9	54.7	27,860	87	42	2
Dyna-Gro D56VC46	218.3	-	17.0	59.7	24,080	85	45	2
Delta Grow DG3660VIP	218.2	-	16.8	58.8	21,160	101	43	1
BH Genetics 8735VTTP	217.7	-	15.8	65.3	24,420	103	46	2
Dyna-Gro D55VP77	217.0	188.2	15.6	62.6	29,930	91	41	3
BH Genetics 8700SS	215.8	-	16.4	59.0	28,900	93	44	2
BH Genetics 8900GT3	215.3	-	16.4	61.4	25,290	98	50	1
REV®28R10™	215.0	184.3	16.7	60.0	27,180	93	41	2
Golden Acres G6611	214.6	-	16.3	58.0	28,040	104	46	1
Golden Acres 26V21	214.5	187.1	17.1	59.2	28,380	82	42	2
Dekalb DKC64-69	213.7	190.6	16.0	59.9	30,440	92	45	1
Dyna-Gro D57VP51	211.1	197.5	15.9	60.0	21,160	78	34	3
REV®24BHR93™	211.1	-	15.7	58.6	26,140	102	51	3
Dekalb DKC69-29	211.0	180.6	16.5	59.0	26,490	77	42	3
Armor 1555SS	208.7	-	16.6	57.0	28,720	94	41	3
REV® 18BHR84™	208.6	-	15.4	56.5	28,550	85	39	3
Mycogen 2J794	208.5	-	16.9	52.8	31,650	105	57	1
Armor 1880PR02	208.5	-	16.1	58.3	23,560	83	40	2
Triumph TR1725H	208.0	-	16.9	57.1	25,280	103	54	2
Dekalb DKC62-08	207.8	-	15.2	58.3	29,240	87	43	1
Dyna-Gro D52VC91	207.7	-	15.6	59.0	26,490	99	50	2
Mycogen 2V714	207.4	-	15.5	57.7	29,240	90	45	2
REV®25BHR44™	207.2	-	16.3	58.4	30,620	106	47	2
Mycogen 2P886	207.0	-	19.1	60.0	25,800	83	44	1
Mycogen 2A787	206.4	-	16.1	55.0	30,960	83	47	3
Delta Grow DG3788GTCBLL	205.5	181.8	17.2	59.4	29,580	100	49	2
Golden Acres G7601	205.5	-	16.4	57.7	30,270	87	43	1
Croplan Genetics CG6960VT3P	205.5	175.3	16.1	57.6	25,800	95	42	3
Delta Grow DG6160VIPGTCBLL	204.3	-	15.9	58.5	29,410	94	44	3
REV®22BHR43™	203.3	175.5	15.9	60.4	24,770	90	45	3
Mycogen 2C786	202.9	-	15.6	57.6	26,320	87	49	1
BH Genetics 8928VTTP	202.5	187.8	16.4	59.8	28,040	88	43	3
Mycogen 2Y811	201.5	-	17.1	58.6	29,410	88	40	3
BH Genetics 8830VTTP	201.0	-	16.2	82.7	23,220	98	52	2
Mycogen 2Y816	200.8	-	17.0	57.3	27,350	95	49	1
Croplan Genetics CG8410VT3P	200.7	178.9	15.6	66.8	25,110	85	35	3
Dekalb DKC61-88	199.2	173.0	15.2	56.3	28,380	83	44	1

Brand/hybrid	2013 Yield¹	2-yr avg²	Gr mo	Test wt	Stand	Plt ht	Ear ht	HC
	bu/a	bu/a	%	lb/bu	plt/a	in	in	1-3
REV® 22BHR21™	199.1	-	15.9	57.1	29,410	101	43	1
Dekalb DKC66-40	199.1	-	15.7	56.9	21,840	92	43	3
Dekalb DKC67-57	197.8	181.4	15.9	60.2	25,630	80	41	1
Dekalb DKC66-87	197.4	-	15.5	56.8	23,910	88	44	3
BH Genetics 8732VTP	197.3	-	16.5	60.1	27,860	92	43	2
Dyna-Gro D54VP81	196.5	178.3	16.5	56.4	23,050	90	43	3
REV®27HR83™	195.5	173.7	15.7	60.1	25,110	101	52	2
Dekalb DKC66-97	195.2	170.4	15.6	58.8	27,350	89	38	3
Delta Grow DG2888GTCBLL	193.7	175.7	16.3	60.0	24,940	90	43	2
Delta Grow DG2788GTCBLL	192.4	-	16.3	69.6	19,780	88	43	2
Triumph TRX11832X	190.8	-	17.1	57.4	25,460	92	50	1
Croplan Genetics CG8621VT2P	190.7	-	16.0	55.9	26,830	87	43	1
Armor 1550PRO2	190.6	-	16.5	55.4	25,800	85	43	2
BH Genetics 8550VT2P	190.5	-	15.0	67.1	25,630	89	47	3
Dyna-Gro D53VC13	190.0	-	15.7	58.6	28,720	85	42	3
REV® 17HR73™	188.9	-	16.0	59.4	28,720	94	44	2
Croplan Genetics CG6926RR	188.9	-	15.7	63.2	23,220	79	38	2
Triumph TRX21366S	188.6	-	15.9	57.0	27,690	83	44	1
Armor 1133PRO2	186.3	-	15.2	60.4	27,000	102	49	2
Delta Grow DG1660	182.0	-	15.0	60.2	25,280	105	47	2
REV®22BHR54™	181.7	-	15.9	56.2	26,660	92	47	2
Dekalb DKC61-78	179.8	-	15.4	57.1	26,490	92	41	2
Pioneer P1105YHR	178.7	-	16.1	57.1	22,020	94	43	3
Armor 1262PRO2	177.1	159.4	15.8	60.2	25,630	83	42	2
Average	202.8	-	16.1	59.4	26,670	91	44	2
CV,%	6	-	3	13	12	7	7	36
LSD (0.10)	15	-	0.5	NS³	NS	10	5	1

¹Yields in bold denote hybrids that are in the highest-yielding group in 2013.

²There were no hybrids in the highest-yielding group in both years, 2012 and 2013.

³NS = Non-significant at the 0.10 probability level

Corn Hybrid Performance Trial at the Red River Research Station – Bossier City

Location Summary

Rainfall was low in May and July (see below). This trial was furrow irrigated four times. Yields ranged from 147.7 to 234.5 bu/acre, with a trial average of 196.9 bu/acre (Table 3). There was only one-year of yield data, since data from this location was not reported in 2012. Thirty-four of the sixty-five hybrids had yields greater than 200 bu/acre. Twenty hybrids fell within the highest-yielding group in 2013. Other agronomic data is presented in Table 3.

Soil type	Moreland silty clay loam
Tillage	Conventional, with no spring tillage.
Row spacing	38 inches
Seeding rate	32,000 seed/acre
Previous crop	Soybeans
Planting date	March 18
Fertilization	Sidedress: 200 lb N/acre (30-0-0-2)
Pesticides	<i>Preemergence:</i> 1 qt/a of Atrazine, 1.3 pt/a of Dual, and 2 oz/a of Karate Z. <i>Postemergence:</i> 1.5 oz/acre of Steadfast plus surfactant; 1 oz/acre of Aim plus surfactant (post direct); 18 oz/acre of Gramoxone (post direct)
Harvest date	August 27/28

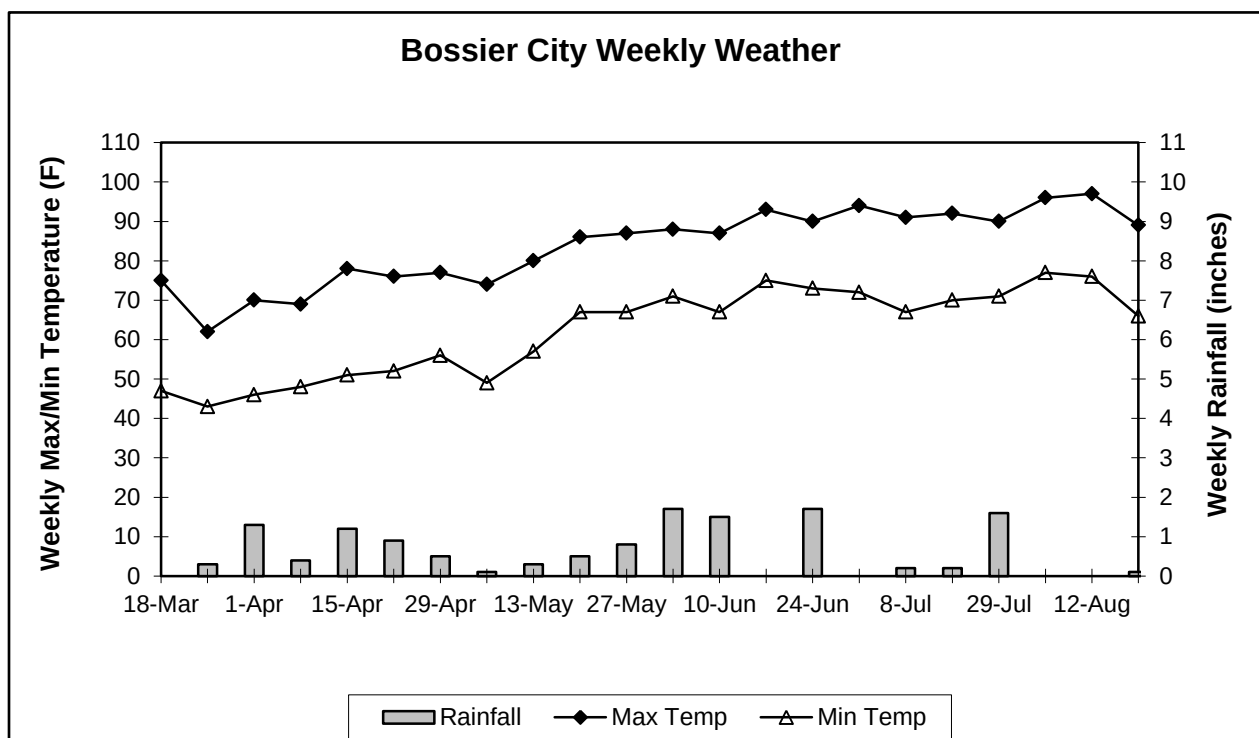


Table 5. Performance of corn hybrids at Bossier City, 2013.

Brand/hybrid	2013 Yield¹	Gr mo	Test wt	Stand	Mid- silk	Plt ht	Ear ht	HC
	bu/a	%	lb/bu	plt/a	DAP	in	in	1-3
Dyna-Gro D56VC46	234.5	13.5	61.3	21,330	78	88	31	1
Dyna-Gro D57VP51	232.9	12.6	59.4	22,330	77	86	36	1
Delta Grow DG3660VIP	231.3	13.3	59.9	23,670	79	99	40	1
Triumph TR1725H	225.9	13.9	65.7	22,000	82	107	49	1
BH Genetics 8830VTTP	225.1	13.4	58.1	25,000	79	100	43	2
Armor 1133PRO2	224.2	12.6	58.6	22,500	81	102	44	2
REV®25BHR44™	222.6	13.6	61.3	21,000	85	106	44	2
Pioneer P1685YHR	219.5	13.3	60.0	26,000	84	106	46	2
REV®22BHR43™	216.2	12.8	59.7	23,670	77	103	38	1
Armor 1880PRO2	215.5	12.3	57.9	20,330	79	85	37	2
Dekalb DKC66-97	214.6	12.5	60.9	27,000	78	88	38	2
BH Genetics 8732VTTP	213.1	13.6	60.1	21,000	82	83	29	1
Dekalb DKC62-08	212.6	12.5	59.4	25,000	75	88	40	1
REV® 22BHR21™	212.5	12.7	61.0	24,000	80	100	42	1
REV® 18BHR84™	210.4	12.4	69.5	23,000	78	92	37	2
Croplan Genetics CG6640VT3P	209.9	13.3	59.6	23,000	75	85	38	2
Dekalb DKC69-29	207.7	13.0	60.3	23,330	77	90	36	1
Golden Acres G6611	207.5	12.4	58.1	23,000	80	100	40	1
Dyna-Gro D55VP77	207.3	13.9	61.5	22,000	76	85	40	1
REV®26BHR50™	206.7	13.2	64.6	25,670	85	102	38	1
BH Genetics 8700SS	206.3	12.3	59.5	24,330	77	95	38	2
Mycogen 2Y816	206.0	14.0	58.4	23,670	84	101	43	1
Dyna-Gro D52VC91	205.8	12.7	59.8	25,330	82	98	45	2
Mycogen 2J794	205.2	13.8	59.0	22,330	81	106	48	1
Armor 1555SS	205.2	13.2	61.3	24,330	76	90	33	1
Mycogen 2Y811	205.0	12.7	58.9	25,330	80	87	32	2
Mycogen 2V714	204.1	12.3	57.7	22,330	81	93	40	1
BH Genetics 8928VTTP	202.0	12.5	59.0	25,330	79	96	40	1
Dekalb DKC64-69	201.9	13.0	65.5	22,670	76	84	35	2
Triumph TRX21366S	201.6	12.5	58.2	26,000	79	88	42	2
Mycogen 2C786	200.9	13.7	57.6	24,670	79	91	45	1
REV®24BHR93™	200.7	12.9	59.8	23,000	84	99	43	2
Golden Acres G7601	199.0	12.8	59.2	24,670	78	90	38	1
Delta Grow DG6160VIPGTCBLL	198.8	13.5	60.2	22,670	78	99	37	1
BH Genetics 8900GT3	198.1	12.7	58.1	32,500	82	100	45	1
Armor 1550PRO2	198.1	12.8	58.5	26,000	77	91	37	2
Croplan Genetics CG6960VT3P	196.7	13.6	61.8	21,330	75	89	33	1
Dekalb DKC67-57	196.4	12.6	60.4	24,330	75	82	35	1
REV®28R10™	196.2	13.3	60.3	25,000	86	106	45	2
Dyna-Gro D54VP81	194.4	12.7	58.9	25,000	78	91	38	2
Pioneer P1105YHR	193.8	12.5	59.5	24,000	77	101	44	2

Brand/hybrid	2013 Yield¹	Gr mo	Test wt	Stand	Mid- silk	Plt ht	Ear ht	HC
	bu/a	%	lb/bu	plt/a	DAP	in	in	1-3
Delta Grow DG2788GTCBLL	193.5	13.2	60.2	21,000	82	93	40	1
Dyna-Gro D53VC13	193.5	12.7	60.9	23,000	75	86	32	1
Mycogen 2P886	191.3	12.4	58.0	23,330	80	91	41	2
REV®27HR83™	191.0	12.5	60.4	23,670	83	102	42	2
Dekalb DKC66-87	190.8	12.9	58.4	25,330	77	89	37	1
Dekalb DKC61-78	190.4	12.4	59.7	23,330	75	89	35	1
Triumph TRX11832X	189.8	14.4	59.7	24,330	84	111	46	3
Armor 1262PRO2	188.6	12.3	58.8	27,670	75	89	35	2
REV® 17HR73™	186.2	12.4	58.0	25,670	76	90	37	2
Croplan Genetics CG8621VT2P	184.3	12.3	57.9	21,670	83	95	41	2
Dekalb DKC66-40	183.6	12.3	61.0	25,670	82	92	38	3
Mycogen 2V707	183.5	12.3	56.4	22,330	78	91	39	1
BH Genetics 8735VTTP	182.2	13.2	60.1	23,000	81	102	43	1
Golden Acres 26V21	180.2	12.7	59.3	26,670	77	88	37	1
REV®28HR20™	177.9	13.1	61.2	23,670	86	107	49	2
Delta Grow DG2888GTCBLL	175.9	12.9	60.5	23,670	76	85	35	1
Croplan Genetics CG8410VT3P	173.8	12.4	59.4	24,000	83	86	33	1
BH Genetics 8550VT2P	172.7	15.7	58.6	23,330	85	111	48	3
Croplan Genetics CG6926RR	170.8	12.7	61.1	24,000	73	87	36	2
Delta Grow DG1660	167.4	14.3	61.4	23,000	83	104	43	1
Mycogen 2A787	167.2	12.2	56.6	24,670	81	90	42	2
REV®22BHR54™	156.8	12.9	57.9	25,000	84	92	39	2
Delta Grow DG3788GTCBLL	154.1	13.1	60.7	22,330	80	94	41	2
Dekalb DKC61-88	147.7	12.2	58.5	27,330	79	86	34	2
Average	196.9	13.0	59.9	23,890	80	94	39	2
CV,%	11	3	5	11	3	5	10	27
LSD (0.10)	27.9	0.6	4.3	3,570	3	6	5	1

¹Yields in bold denote hybrids that are in the highest-yielding group in 2013.

Note: Data from the 2012 trial was not reported, so there is no two-year yield average.

Corn Hybrid Performance Trial on Commerce Silt Loam at the Northeast Research Station – St. Joseph

Location Summary

Rainfall was timely in April and early May and sporadic in June and July in this dryland trial (see below). Yields ranged from 173.2 to 229.4 bu/acre, with a trial average of 200.0 bu/acre (Table 4). Thirty two of the sixty-five hybrids had yields greater than 200 bu/acre. Seven hybrids fell within the highest-yielding group in 2013 and two hybrids, REV®27HR83™ and REV®28HR20™, were in the highest yielding group in both years, 2012 and 2013. Kernel weight ranged from 28.2 to 4.7 grams/100 kernels, with a trial average of 39.5 grams/100 kernels. Ear size ranged from 367 to 546 kernels/ear (KPE), with a trial average of 434 kernels/ear.

Soil type	Commerce silt loam
Tillage	Conventional prior to planting, with no spring cultivation.
Row spacing	40 inches
Seeding rate	32,000 seed/acre
Previous crop	Cotton
Planting date	March 15
Fertilization	<i>At planting:</i> 5 gal 10-34-0/acre (7 gal total volume/acre) plus 0.6 lb/acre of Zn (EDTA) – In furrow starter; <i>Sidedress:</i> 200 lb N/acre (30-0-0-2)
Pesticides	<i>Preemergence:</i> 1.5 qt/acre of Atrazine, 1 pt/acre of Dual, and 1 oz/acre of Discipline; <i>Postemergence:</i> 1.5 oz/acre of Steadfast, 1 qt/acre of Atrazine, and 1% crop oil
Harvest date	August 19-20

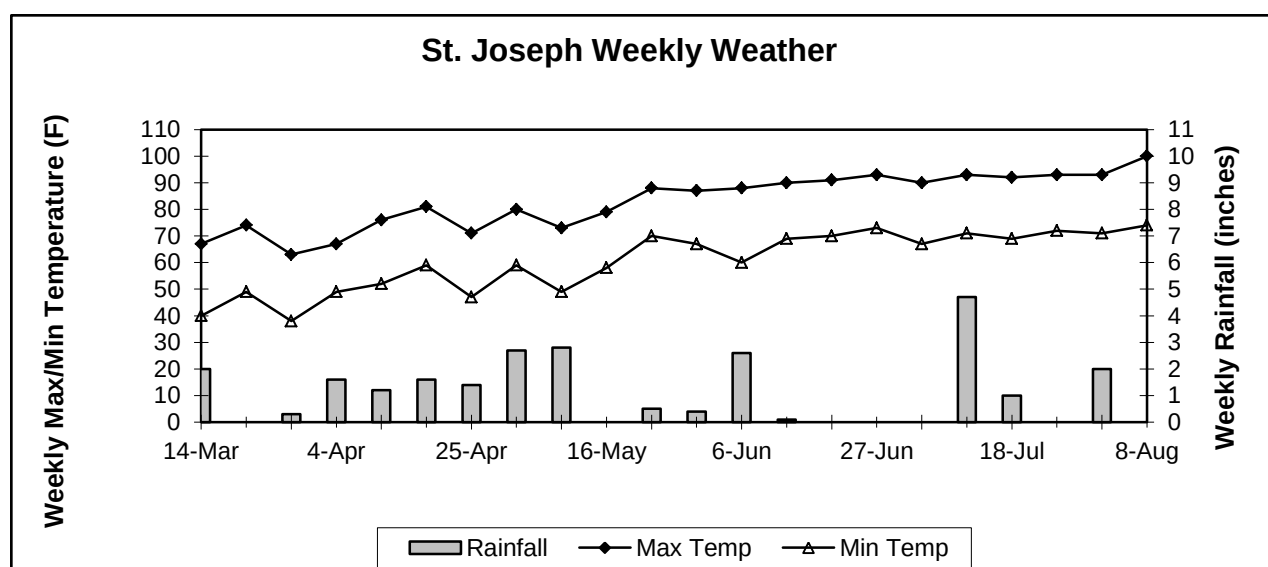


Table 6. Performance of corn hybrids on Commerce silt loam at St. Joseph, 2013.

Brand/hybrid	2013 Yield¹	2-yr avg²	Gr mo	Test wt	Stand	Mid- silk	Plt ht	Ear ht	HC	Ker wt³	KPE⁴
	bu/a	bu/a	%	lb/bu	plt/a	DAP	in	in	1-3		
Dekalb DKC66-87	229.4	-	15.7	59.7	31,730	75	73	32	1	42.3	407
REV@26BHR50™	224.5	-	16.9	62.9	30,670	79	82	37	1	44.2	423
Croplan Genetics CG6960VT3P	221.6	200.0	16.9	61.0	30,640	73	76	30	2	40.7	443
Pioneer P1685YHR	220.2	-	16.7	59.0	34,990	81	81	41	1	40.3	412
REV@24BHR93™	219.0	-	16.6	59.9	29,930	77	77	35	1	42.1	440
REV@27HR83™ *	218.7	212.8	15.8	60.5	29,360	76	83	38	2	42.7	432
REV@28HR20™ *	217.2	212.9	17.2	61.2	27,880	81	84	39	1	41.5	443
Dyna-Gro D57VP51	213.7	191.5	16.1	59.5	30,670	75	70	31	2	42.3	436
REV@28R10™	213.7	203.6	16.8	61.3	27,470	79	80	38	2	42.7	481
Delta Grow DG3660VIP	213.3	-	16.6	59.9	29,270	76	75	35	1	40.1	429
Dyna-Gro D56VC46	213.1	-	17.0	60.1	29,270	74	70	31	1	38.8	471
BH Genetics 8735VTTP	213.0	-	16.3	60.8	32,700	79	77	36	2	40.0	419
BH Genetics 8700SS	212.2	-	17.0	60.4	29,930	78	67	29	2	43.2	399
Croplan Genetics CG6640VT3P	212.0	-	15.8	60.1	30,280	76	62	30	1	36.8	503
Mycogen 2A787	209.9	-	16.1	58.6	30,670	75	72	31	3	39.9	449
Dekalb DKC61-88	209.9	197.6	15.3	58.2	29,360	73	75	32	3	40.7	438
Dekalb DKC66-97	209.6	200.4	15.6	61.5	29,930	74	73	30	1	41.3	427
REV@25BHR44™	209.4	-	16.3	61.4	31,820	79	81	39	2	36.7	426
REV@22BHR43™	209.1	200.3	15.4	62.3	31,730	76	78	37	2	38.4	436
Golden Acres G6611	208.7	-	16.6	58.8	28,540	76	69	32	2	38.8	453
Dekalb DKC69-29	207.9	201.8	17.1	61.4	28,780	76	70	30	1	40.4	435
Armor 1880PRO2	207.7	-	16.0	58.8	26,490	77	76	39	2	41.8	446
REV® 18BHR84™	207.6	-	15.1	58.5	32,140	75	75	29	2	37.6	445
Dekalb DKC61-78	205.2	-	15.7	58.5	33,950	72	72	32	3	40.5	394
BH Genetics 8732VTTP	204.4	-	16.5	60.0	28,040	78	77	36	1	44.0	419
REV@ 22BHR21™	204.0	-	15.5	61.5	31,980	78	84	37	1	38.7	432
BH Genetics 8900GT3	203.6	-	17.2	58.5	29,850	75	79	37	1	38.9	437
Pioneer P1105YHR	203.5	-	15.7	60.1	28,290	75	78	36	2	35.4	488
Golden Acres 26V21	203.1	187.0	17.7	56.8	27,140	75	77	34	1	38.4	501
Delta Grow DG6160VIPGTCBLL	201.5	-	16.9	60.5	28,290	75	76	38	1	44.4	406
Armor 1550PRO2	201.5	-	16.6	60.1	26,650	74	73	31	2	40.5	453
Dekalb DKC62-08	201.2	-	16.1	59.7	31,320	74	70	36	2	41.4	385
Golden Acres G7601	199.8	-	16.6	58.3	28,540	76	75	38	1	41.9	416
Dekalb DKC66-40	199.3	-	16.0	59.7	29,190	76	76	36	3	41.3	427
BH Genetics 8928VTTP	198.5	201.8	16.0	59.3	32,390	78	80	44	1	39.2	391
Armor 1555SS	197.8	-	17.7	60.6	28,210	74	68	29	1	41.9	427
Dyna-Gro D54VP81	197.4	188.6	16.8	60.5	31,820	74	70	28	1	42.1	404
Dyna-Gro D55VP77	197.2	194.4	16.7	60.4	29,770	74	70	29	2	38.6	421
Mycogen 2C786	197.0	-	14.9	58.0	31,650	79	74	40	1	41.3	393
BH Genetics 8830VTTP	196.2	-	15.5	60.2	28,860	76	75	38	1	43.0	409
BH Genetics 8550VT2P	195.0	-	15.5	59.5	29,770	72	72	31	3	38.7	406
Dyna-Gro D52VC91	194.2	-	16.0	61.0	26,900	77	69	30	2	38.5	472
Croplan Genetics CG8621VT2P	192.8	-	16.0	57.6	27,310	75	74	35	3	40.2	448
Mycogen 2V714	192.4	-	15.1	56.8	32,620	81	74	41	2	35.0	429
Mycogen 2Y811	192.3	-	17.4	59.2	28,410	80	79	37	1	37.6	431
Armor 1133PRO2	192.1	-	15.0	50.6	30,010	74	75	32	3	36.6	483
Triumph TR1725H	192.1	-	17.3	56.4	30,560	77	79	41	1	38.0	380

Brand/hybrid	2013 Yield¹	2-yr avg²	Gr mo	Test wt	Stand	Mid- silk	Plt ht	Ear ht	HC	Ker wt³	KPE⁴
	bu/a	bu/a	%	lb/bu	plt/a	DAP	in	in	1-3		
Croplan Genetics CG8410VT3P	191.9	181.1	15.8	62.4	30,500	77	68	31	1	43.9	396
Mycogen 2J794	191.2	-	18.8	57.4	29,270	80	73	37	1	35.5	466
Mycogen 2V707	191.1	-	15.7	58.9	28,370	75	74	35	2	38.9	461
REV® 17HR73™	191.1	-	16.0	58.3	31,820	79	74	31	2	35.6	443
Mycogen 2Y816	190.9	-	17.2	57.7	30,780	79	83	40	2	38.6	390
Delta Grow DG2788GTCBLL	190.1	-	16.5	59.9	31,000	77	73	33	1	40.1	400
Dekalb DKC64-69	190.0	191.8	17.2	60.0	27,390	75	69	32	3	44.7	400
REV®22BHR54™	189.6	-	16.5	58.4	28,540	78	75	37	2	36.6	437
Triumph TRX21366S	189.2	-	15.0	57.9	28,620	79	72	36	1	39.8	417
Delta Grow DG2888GTCBLL	189.0	171.0	16.5	60.2	29,030	76	76	36	1	37.7	433
Croplan Genetics CG6926RR	186.2	-	15.8	62.7	27,390	72	71	31	1	42.0	408
Triumph TRX11832X	185.8	-	17.8	59.2	28,370	80	86	45	3	32.5	523
Armor 1262PRO2	183.6	172.8	17.0	59.4	27,470	71	76	30	3	37.6	482
Dekalb DKC67-57	183.0	188.7	16.3	60.1	29,770	75	65	31	1	41.9	367
Dyna-Gro D53VC13	180.4	-	17.3	57.6	27,390	73	73	33	2	37.3	465
Delta Grow DG1660	175.4	-	15.5	56.8	31,490	75	70	34	1	32.1	414
Mycogen 2P886	174.4	-	19.6	55.9	27,060	79	85	42	2	28.2	546
Delta Grow DG3788GTCBLL	173.2	165.0	18.3	59.0	29,110	77	77	38	1	35.6	429
Average	200.0		16.4	59.5	29,610	76	74	34	2	39.5	434
CV, %	7		2	2	8	2	4	7	30	4	8
LSD (0.10)	15.2		0.3	1.7	NS⁵	3	5	4	1	2.5	54

¹Yields in bold denote hybrids that were in the highest-yielding group in 2013.

²Hybrids in bold with an asterisk (*) were in the highest-yielding group in both 2012 and 2013.

³Ker wt = kernel weight, grams/100 kernels

⁴KPE = number of kernels/ear

⁵NS = non-significant at the 0.10 probability level

Corn Hybrid Performance Trial on Sharkey Clay at the Northeast Research Station – St. Joseph

Location Summary

Rainfall was timely in April and early May and sporadic in June and July in this dryland trial (see below). Yields were relatively low, ranging from 117.7 to 160.1 bu/acre with a trial average of 140.3 bu/acre (Table 5). Fourteen hybrids fell within the highest-yielding group in 2013. Kernel weights ranged from 26.4 to 42.3 grams/100 kernels, with a trial average of 34.1 grams/100 kernels. Ear size ranged from 309 to 494 kernels/ear, with a trial average of 409 kernels/ear.

Soil type	Sharkey clay
Tillage	Stale seedbed, with no spring cultivation.
Row spacing	40 inches
Seeding rate	32,000 seed/acre
Previous crop	Cotton
Planting date	March 18
Fertilization	<i>Sidedress</i> : 230 lb N/acre (30-0-0-2)
Pesticides	<i>Preemergence</i> : 1.5 qt/acre of Atrazine, 1.5 pt/acre of Dual, and 1 oz/acre of Discipline; <i>Postemergence</i> : 1.5 oz/acre of Steadfast, 1 qt/acre of Atrazine, 0.75 oz/acre of Permit Plus, and 1% crop oil.
Harvest date	August 21-22

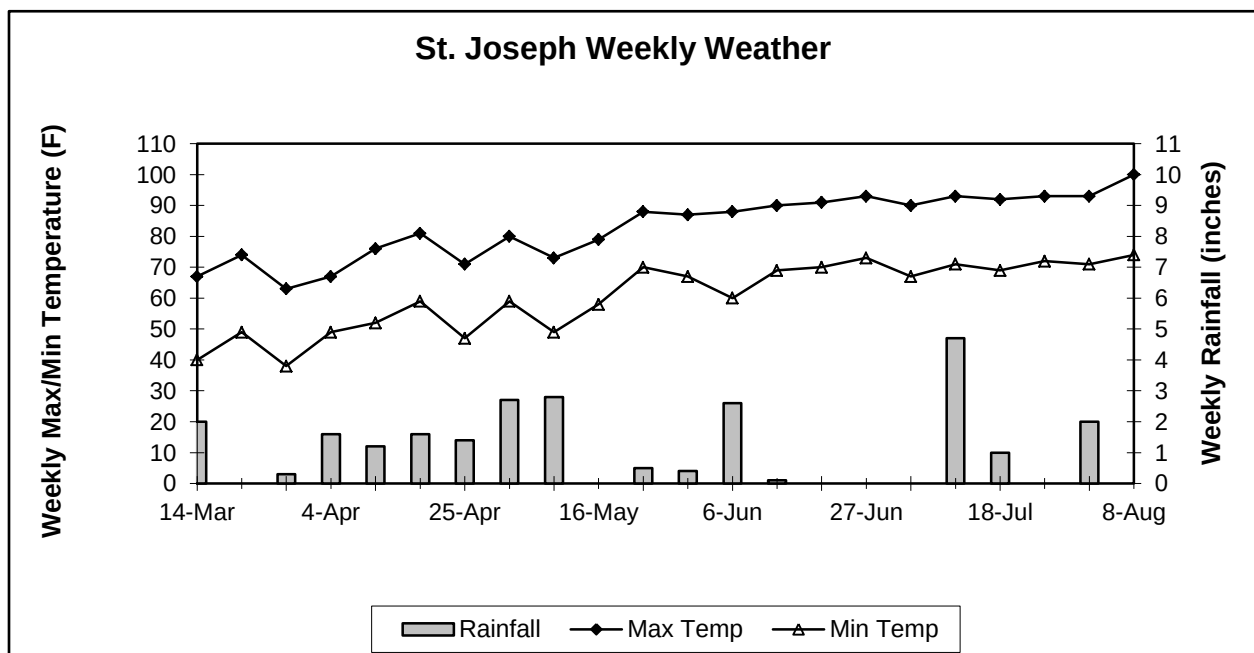


Table 7. Performance of corn hybrids on Sharkey clay at St. Joseph, 2013.

Brand/hybrid	2013 Yield¹	2-yr avg	Gr mo	Test wt	Stand	Mid- silk	Plt ht	Ear ht	Ker wt²	KPE³
	bu/a	bu/a	%	lb/bu	plt/a	DAP	in	in		
REV@22BHR43™	160.1	161.2	14.7	59.8	26,900	79	77	33	29.6	494
REV@28R10™	154.0	162.8	15.8	60.6	24,030	82	75	35	35.2	458
Dekalb DKC66-87	153.6	-	14.9	58.9	25,580	78	68	31	33.9	434
REV@24BHR93™	153.3	-	14.6	60.7	26,240	79	77	36	34.8	414
Dekalb DKC66-40	153.2	-	15.3	58.8	25,420	77	72	34	35.9	431
Armor 1880PRO2	151.6	-	15.0	59.6	26,240	78	75	31	38.1	376
REV® 17HR73™	151.6	-	14.0	56.9	26,730	76	70	34	31.2	462
Dyna-Gro D54VP81	151.4	157.9	15.7	60.5	24,110	78	69	29	36.7	439
BH Genetics 8735VTTP	150.2	-	14.7	58.5	25,500	81	77	38	32.1	486
Mycogen 2C786	149.8	-	14.3	59.4	26,570	78	67	34	35.7	406
Golden Acres G7601	149.0	-	15.1	59.1	26,160	77	71	36	35.3	421
Mycogen 2Y811	148.5	-	16.2	58.0	26,240	79	76	38	31.8	444
Dekalb DKC69-29	147.7	156.5	15.2	60.4	26,980	76	65	30	35.8	398
REV® 22BHR21™	147.5	-	14.8	62.1	25,580	80	75	34	32.1	458
Golden Acres G6611	146.4	-	15.2	60.1	26,320	77	70	32	33.8	416
Delta Grow DG3660VIP	145.4	-	15.4	59.6	24,680	78	74	32	32.6	484
Dekalb DKC67-57	145.1	158.0	15.0	60.5	27,720	77	66	30	37.7	372
Dyna-Gro D57VP51	145.0	155.7	15.1	60.3	27,220	76	64	27	37.9	358
Dekalb DKC66-97	144.9	157.6	14.7	59.9	25,580	78	71	30	38.5	330
BH Genetics 8900GT3	144.8	-	15.6	59.7	24,440	79	71	30	33.8	406
Armor 1262PRO2	144.7	153.7	14.2	58.8	26,400	76	77	34	31.7	430
REV@27HR83™	144.2	158.6	14.3	60.0	25,170	80	80	41	33.3	417
Croplan Genetics CG6960VT3P	144.1	152.5	15.0	61.4	27,550	77	70	30	35.8	380
REV@22BHR54™	144.0	-	15.5	57.2	25,170	77	71	34	32.3	467
REV@26BHR50™	143.8	-	15.9	61.9	27,470	78	74	34	33.8	407
BH Genetics 8550VT2P	143.5	-	14.5	59.4	25,420	77	72	32	31.3	440
Mycogen 2Y816	143.1	-	16.2	57.6	26,080	78	75	39	32.4	442
Mycogen 2J794	142.7	-	15.8	57.1	27,720	77	72	37	29.3	436
Armor 1550PRO2	142.7	-	15.8	60.6	27,310	77	69	27	34.0	393
Triumph TRX21366S	141.8	-	14.4	57.6	25,170	79	62	30	34.3	417
BH Genetics 8732VTTP	141.1	-	15.0	58.3	27,390	78	74	35	33.7	397
Golden Acres 26V21	140.9	136.3	15.3	58.3	27,060	78	72	31	33.7	387
BH Genetics 8928VTTP	140.6	152.2	15.6	57.2	26,570	77	76	40	30.9	427
Croplan Genetics CG8621VT2P	140.4	-	14.3	56.6	25,910	79	71	35	30.7	449
Croplan Genetics CG6640VT3P	140.3	-	15.2	60.9	24,520	79	65	31	34.7	442
Mycogen 2V707	139.6	-	14.3	57.0	24,760	80	65	35	33.2	435
Dyna-Gro D52VC91	139.6	-	14.7	60.0	25,340	76	65	30	33.3	410
Armor 1133PRO2	139.6	-	14.1	57.9	24,760	77	65	27	32.1	430
BH Genetics 8830VTTP	139.4	-	15.0	59.0	23,860	80	70	31	37.0	388
Dekalb DKC64-69	138.9	158.7	15.3	60.6	26,980	78	71	34	39.8	314
Delta Grow DG2788GTCBLL	138.8	-	14.3	59.3	24,600	77	72	36	34.0	417
Delta Grow DG6160VIPGTCBLL	138.0	-	14.9	59.8	25,500	78	77	34	38.5	375
Dyna-Gro D56VC46	138.0	-	15.3	59.7	26,240	76	68	31	33.1	425
REV@28HR20™	137.6	161.5	15.3	60.2	23,780	82	77	36	32.7	394
Pioneer P1105YHR	137.0	-	15.0	59.6	24,930	77	76	37	30.3	453
Delta Grow DG3788GTCBLL	137.0	130.7	16.0	58.8	24,850	76	75	35	31.4	453
REV® 18BHR84™	136.7	-	14.4	58.2	25,670	76	60	28	34.0	393

Brand/hybrid	2013 Yield¹	2-yr avg	Gr mo	Test wt	Stand	Mid- silk	Plt ht	Ear ht	Ker wt²	KPE³
	bu/a	bu/a	%	lb/bu	plt/a	DAP	in	in		
Dyna-Gro D53VC13	136.6	-	14.7	60.3	22,800	77	73	32	37.8	400
Mycogen 2V714	135.7	-	14.3	56.2	27,800	80	65	34	27.5	418
Dekalb DKC61-78	135.3	-	14.8	59.7	24,930	77	65	28	40.0	372
Dekalb DKC62-08	135.2	-	14.3	58.7	26,980	77	69	36	39.1	349
Croplan Genetics CG6926RR	134.8	-	15.1	60.9	25,260	76	66	30	37.3	368
Delta Grow DG2888GTCBLL	134.6	134.8	14.8	59.8	25,580	77	75	37	31.3	418
Croplan Genetics CG8410VT3P	132.6	148.7	15.0	60.6	24,680	77	67	30	42.3	310
Pioneer P1685YHR	132.5	-	14.9	59.3	26,890	82	79	37	34.1	389
REV@25BHR44™	131.2	-	14.6	60.5	26,240	80	78	35	31.2	383
Dekalb DKC61-88	130.3	145.0	14.8	58.7	27,220	76	66	33	35.6	343
Dyna-Gro D55VP77	129.5	147.6	15.2	60.1	26,320	77	64	30	39.7	309
Triumph TR1725H	128.5	-	16.1	57.3	26,160	79	75	37	33.5	389
Delta Grow DG1660	127.6	-	14.2	56.2	25,910	77	67	31	30.3	399
BH Genetics 8700SS	126.1	-	15.2	60.1	25,830	78	70	29	34.6	399
Triumph TRX11832X	124.1	-	17.0	60.4	25,090	81	79	36	28.0	477
Mycogen 2A787	122.7	-	15.4	59.6	26,900	78	67	29	34.6	336
Armor 1555SS	119.6	-	15.4	58.7	24,110	79	68	30	39.2	335
Mycogen 2P886	117.7	-	17.8	57.9	24,850	82	80	35	26.4	455
Average	140.3		15.1	59.2	25,740	78	71	33	34.1	409
CV, %	8		2	2	6	2	4	5	5	10
LSD (0.10)	13.4		0.3	1.7	NS⁴	2	5	3	2.8	70

¹Yields in bold denote hybrids that are in the highest-yielding group in 2013. No hybrid was in the highest-yielding group for both years, 2012 and 2013.

²Ker wt = kernel weight, grams/100 kernels

³KPE = number of kernels/ear

⁴NS = non-significant at the 0.10 probability level

Corn Hybrid Performance Trial at the Macon Ridge Research Station – Winnsboro

Location Summary

May, June, and July rainfall was low in this trial (see below). About seven furrow-irrigations were applied in June and July. Yields ranged from 156.6 to 206.2 bu/acre, with a trial average of 183.3 bu/acre (Table 6). Sixteen hybrids fell within the highest-yielding group in 2013 and two hybrids, REV®24BHR93™ and Dekalb DKC67-57, were in the highest-yielding group both years, 2012 and 2013. Kernel weights ranged from 30.8 to 44.6 grams/100 kernels, with a trial average of 36.8 grams/100 kernels. Ear size ranged from 356 to 552 kernels/ear, with a trial average of 440 kernels/ear.

Soil type	Gigger silt loam
Tillage	Conventional tillage prior to planting, with no spring cultivation.
Row spacing	40 inches
Seeding rate	32,000 seed/acre
Previous crop	Cotton
Planting date	March 13
Fertilization	<i>Sidedress</i> : 200 lb N/acre (30-0-0-2)
Pesticides	<i>Burndown</i> : 1 qt/acre of Round-up, 1.5 pt/acre of 2,4-D (LV4); <i>Preemerg</i> : 3 qt/acre of Lexar; <i>Postemerg</i> : 1 qt/acre of Atrazine
Harvest date	August 28

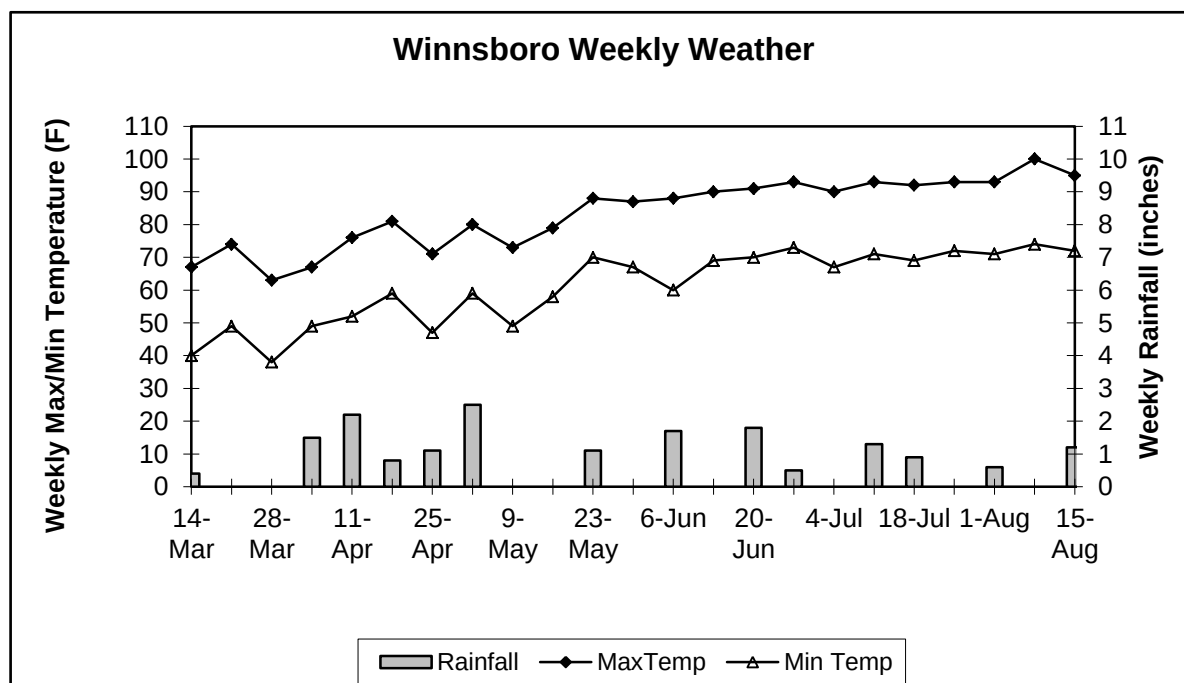


Table 8. Performance of corn hybrids at Winnsboro, 2013.

Brand/hybrid	2013 Yield¹	2-yr avg²	Gr mo	Test wt	Stand	Plt ht	Ear ht	HC	Ker wt³	KPE⁴
	bu/a	bu/a	%	lb/bu	plt/a	in	in	1-3		
Dekalb DKC69-29	206.2	206.7	13.5	61.8	29,800	91	44	2	41.2	424
REV@25BHR44™	204.8	-	12.8	62.5	30,790	101	50	2	37.7	447
Dekalb DKC66-87	202.3	-	13.2	59.8	30,590	87	41	3	37.4	464
REV@28R10™	201.1	206.8	13.9	62.8	30,890	104	53	2	39.2	452
Croplan Genetics CG6640VT3P	200.7	-	13.4	60.8	28,120	88	44	3	36.7	505
REV@24BHR93™ *	199.3	208.3	12.8	60.9	32,370	94	48	2	37.5	452
Dekalb DKC62-08	198.1	-	13.0	61.2	31,280	84	49	2	39.2	428
Dekalb DKC66-40	196.4	-	13.3	61.1	27,720	94	47	3	37.8	455
Golden Acres G6611	196.3	-	13.4	60	32,180	83	43	2	37.9	424
REV@22BHR43™	196.1	195.6	12.5	61.2	31,190	91	41	3	32.7	484
BH Genetics 8735VTTP	195.6	-	13.2	61.0	30,690	97	47	3	37.3	433
BH Genetics 8830VTTP	194.4	-	13.4	62.2	29,700	89	44	3	43.5	393
Dekalb DKC67-57 *	192.8	203.8	13.4	62.1	27,920	79	38	2	38.3	463
Golden Acres G7601	192.2	-	14.1	60	30,200	93	49	2	36.4	438
REV@26BHR50™	192.1	-	12.9	63.9	30,690	93	38	2	37.5	394
Croplan Genetics CG8621VT2P	191.8	-	12.7	59.6	27,820	92	44	3	35.3	493
Delta Grow DG3660VIP	191.2	-	13.5	61.3	29,800	94	44	2	35.8	449
BH Genetics 8900GT3	191.1	-	14.0	62.1	30,200	93	39	2	36.1	458
Armor 1133PRO2	190.9	-	12.3	59.5	29,500	96	44	2	35.6	478
REV@27HR83™	190.7	204.2	12.8	61.8	30,100	97	47	3	36.4	428
Mycogen 2J794	190.4	-	14.7	58.2	29,700	95	48	2	33.4	473
BH Genetics 8700SS	188.8	-	13.6	61.8	29,400	88	39	3	39.9	444
Mycogen 2V714	188.8	-	13.2	58.9	30,390	91	47	3	34.5	468
Mycogen 2C786	188.6	-	13.0	59.4	32,180	92	46	2	37.5	397
Dekalb DKC66-97	187.2	196.9	12.8	62.0	32,080	83	37	2	40.1	372
BH Genetics 8732VTTP	186.8	-	13.7	60.7	32,270	95	51	2	37.0	403
REV@28HR20™	186.8	204.5	13.2	62.3	30,790	102	52	2	38.4	423
Dekalb DKC64-69	186.6	197.8	13.1	60.9	27,420	89	43	3	37.6	446
Dyna-Gro D56VC46	186.0	-	13.8	60.9	27,920	86	45	2	36.3	497
Triumph TR1725H	185.8	-	15.0	59.3	30,590	102	55	1	36.4	479
Dyna-Gro D53VC13	185.7	-	13.0	61.3	25,540	96	47	3	36.6	552
Delta Grow DG6160VIPGTCBLL	183.7	-	13.3	61.4	28,810	100	42	1	44.6	376
Mycogen 2V707	183.7	-	12.9	59.9	29,210	87	47	2	36.6	454
Croplan Genetics CG8410VT3P	183.3	202.9	12.6	61.2	29,110	76	41	1	40.9	376
Armor 1880PRO2	183.0	-	12.8	62.1	30,200	97	46	2	44.4	356
REV® 18BHR84™	182.0	-	12.6	61.0	31,980	96	39	2	38.2	420
Croplan Genetics CG6960VT3P	181.6	194.7	13.2	63.1	30,200	86	37	2	39.8	373
Dyna-Gro D52VC91	181.5	-	12.9	61.9	29,300	86	41	2	37.3	433
BH Genetics 8550VT2P	181.4	-	12.3	60.7	28,810	93	48	3	36.4	431
Delta Grow DG3788GTCBLL	181.3	187.2	13.5	62.1	26,930	91	49	2	34.7	486
Dyna-Gro D55VP77	179.8	200.2	13.1	60.4	28,120	83	38	2	34.7	448
REV® 17HR73™	179.4	-	12.7	59.3	30,200	91	42	3	34.3	464
Pioneer P1105YHR	179.2	-	12.6	61.1	33,070	92	50	3	33.1	442
Armor 1555SS	179.1	-	13.3	61.6	29,500	79	36	2	36.9	454
Mycogen 2Y811	177.4	-	14.0	59.0	30,890	87	45	1	33.3	423
Triumph TRX21366S	176.9	-	12.7	60.3	30,990	81	43	2	37.4	389
Golden Acres 26V21	176.7	179.9	14.3	59.6	30,100	88	43	1	35.8	427

Brand/hybrid	2013 Yield ¹	2-yr avg ²	Gr mo	Test wt	Stand	Plt ht	Ear ht	HC	Ker wt ³	KPE ⁴
	bu/a	bu/a	%	lb/bu	plt/a	in	in	1-3		
REV® 22BHR21™	174.5	-	12.7	61.1	30,990	93	43	2	30.8	455
Dyna-Gro D54VP81	173.8	189.6	13.6	62.5	30,390	88	38	3	35.8	415
REV®22BHR54™	173.7	-	13.2	59.5	31,880	94	49	3	37.1	416
Dekalb DKC61-88	173.1	181.6	12.8	59.6	31,680	85	43	3	39.1	381
Delta Grow DG2788GTCBLL	172.3	-	13.1	58.5	32,570	93	45	2	35.9	377
Armor 1550PRO2	172.1	-	13.5	62.2	29,400	78	34	3	38.0	396
Mycogen 2P886	172.0	-	16.2	60.7	31,480	102	53	3	31.0	505
Dekalb DKC61-78	171.9	-	12.7	60.6	29,110	85	39	2	38.1	391
Mycogen 2Y816	171.4	-	15.2	59.3	29,300	92	42	1	33.6	433
Triumph TRX11832X	171.4	-	14.5	61.0	28,310	102	50	3	34.8	509
Croplan Genetics CG6926RR	169.4	-	12.5	62.9	26,930	82	40	3	38.8	407
Delta Grow DG1660	169.4	-	12.9	57.5	29,700	93	45	2	31.2	475
Dyna-Gro D57VP51	169.2	195.6	13.2	60.9	26,240	77	38	3	38.1	477
BH Genetics 8928VTTP	169.1	196.4	13.7	58.4	27,030	93	47	1	33.4	479
Armor 1262PRO2	168.9	182.6	13.1	60.8	28,910	91	40	3	37.2	440
Mycogen 2A787	163.7	-	14.1	60.1	27,520	81	36	3	36.4	419
Delta Grow DG2888GTCBLL	162.2	185.1	13.7	60.7	28,310	96	45	2	34.3	440
Pioneer P1685YHR	156.6	-	12.5	61.1	30,000	97	46	2	32.5	448
Average	183.3		13.3	60.8	29,750	90	44	2	36.8	440
CV, %	8		2	2	6	5	8	24	6	8
LSD (0.10)	14.5		0.2	1.6	3,060	7.8	6	1	3.5	55

¹Yields in bold denote hybrids that were in the highest-yielding group in 2013.

²Hybrids in bold with an asterisk (*) were in the highest-yielding group in both 2012 and 2013.

³Ker wt = kernel weight, grams/100 kernels

⁴KPE = number of kernels/ear

Table 9. Seed traits and maturity for corn hybrids entered in the 2013 LAES corn official variety trials.

Brand/Hybrid	Trans-genes¹ Insect resistance/ herbicide tolerance	Seed treatment	Days to maturity
Armor 1133PRO2	GENVT2P	Acceleron + Votivo	111
Armor 1262PRO2	GENVT2P	Acceleron/Votivo	112
Armor 1550PRO2	GENVT2P	Acceleron/Votivo	115
Armor 1555SS	GENSS	Acceleron/Votivo	115
Armor 1880PRO2	VT2P	Acceleron/Votivo	118
BH Genetics 8550VT2P	GENVT2P	Acceleron	114
BH Genetics 8700SS	GENSS	Acceleron	115
BH Genetics 8732VTTP	GENVT3P	Acceleron	116
BH Genetics 8735VTTP	GENVT3P	Acceleron	117
BH Genetics 8830VTTP	GENVT3P	Acceleron	118
BH Genetics 8900GT3	3000GT	CruiserMaxx	118
BH Genetics 8928VTTP	GENVT3P	Acceleron	119
Croplan 6640VT3P	GENVT3P	Cruiser 500	113
Croplan 6926RR	RR	Cruiser 500	114
Croplan 6960VT3P	GENVT3P	Cruiser 500	114
Croplan 8410VT3P	GENVT3P	Cruiser 500	117
Croplan 8621VT2P	GENVT2P	Cruiser 500	117
Dekalb DKC61-78	GENVT3P	Poncho 500	111
Dekalb DKC61-88	GENVT3P	Poncho 500	111
Dekalb DKC62-08	GENSS	Poncho 500	112
Dekalb DKC64-69	GENVT3P	Poncho 500	114
Dekalb DKC66-40	GENSS	Poncho 500	116
Dekalb DKC66-87	GENVT2P	Poncho 500	116
Dekalb DKC66-97	GENVT2P	Poncho 500	116
Dekalb DKC67-57	GENVT3P	Poncho 500	117
Dekalb DKC69-29	GENVT3P	Poncho 500	119
Delta Grow DG1660VIPGTCBLL3110	VIP/GT/CB/LL/3110	Poncho 1250/ApronMaxx	113
Delta Grow DG2788GTCBLL	GT/CB/LL	Poncho 1250/ApronMaxx	116
Delta Grow DG2888GTCBLL	GT/CB/LL	Poncho 1250/ApronMaxx	115
Delta Grow DG3660VIPGTCBLL3110	VIP/GT/CB/LL/3110	Poncho 1250/ApronMaxx	115
Delta Grow DG3788GTCBLL	GT/CB/LL	Poncho 1250/ApronMaxx	114
Delta Grow DG6160VIPGTCBLL3110	VIP/GT/CB/LL/3110	Poncho 1250/ApronMaxx	117
Dyna-Gro D52VC91	GENVT2P	Poncho 500/Votivo	112
Dyna-Gro D53VC13	GENVT2P	Poncho 500/Votivo	113
Dyna-Gro D54VP81	GENVT3P	Poncho 500/Votivo	114
Dyna-Gro D55VP77	GENVT3P	Poncho 500/Votivo	115
Dyna-Gro D56VC46	GENVT2P	Poncho 500/Votivo	115
Dyna-Gro D57VP51	GENVT3P	Poncho 500/Votivo	117
Golden Acres 26V21	GENVT3P	Acceleron 1250	115
Golden Acres G6611	GENVT3P	Acceleron 1250	115
Golden Acres G7601	GENVT3P	Acceleron 1250	117
Mycogen 2A787	HXX/LL/RR2	CruiserMaxx	113
Mycogen 2C786	HXX/LL/RR2	CruiserMaxx	115
Mycogen 2J794	HX/LL/RR2	CruiserMaxx	115
Mycogen 2P886	HX/LL/RR2	CruiserMaxx	120
Mycogen 2V707	SSX/LL/RR2	CruiserMaxx	113

Brand/Hybrid	Trans-genes ¹		Days to maturity
	Insect resistance/ herbicide tolerance	Seed treatment	
Mycogen 2V714	SSX/LL/RR2	CruiserMaxx	114
Mycogen 2Y811	RR2	CruiserMaxx	115
Mycogen 2Y816	HX/LL/RR2	CruiserMaxx	116
Pioneer P1105YHR	YG/HX	Maxim Quatro/Poncho 1250/Votivo	111
Pioneer P1685YHR	YG/HX	Maxim Quatro/Poncho 1250/Votivo	116
REV® 17HR73™	HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	107
REV® 18BHR84™	YGCB/HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	108
REV® 22BHR21™	YGCB/HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	112
REV® 22BHR43™	YGCB/HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	112
REV® 22BHR54™	YGCB/HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	112
REV® 24BHR93™	YGCB/HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	114
REV® 25BHR44™	YGCB/HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	115
REV® 26BHR50™	YGCB/HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	116
REV® 27HR83™	HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	117
REV® 28HR20™	HX1/LL/RR	ApronMaxx/Poncho 1250/Votivo	118
REV® 28R10™	RR	ApronMaxx/Poncho 1250/Votivo	118
Triumph TR1725H	HX1/RR	Cruiser 250	117
Triumph TRX11832X	SS/RR	Cruiser 250	117
Triumph TRX21366S	SS/RR	Cruiser 250	114

¹**YG, YGCB** – The YieldGard corn borer gene offers a high level of resistance to corn borers (southwestern, European, and sugarcane borers). The gene also offers a moderate level of resistance to corn earworm and above average resistance to fall armyworms.

RR – Contains the Roundup Ready (glyphosate) gene.

RR2 – Contains the Roundup Ready Corn 2 gene for over-the-top applications of glyphosate.

LL – Contains the Liberty Link gene for resistance to Liberty (gluphosinate) herbicide.

VT2P – Contains RR2 gene and YieldGard corn borer gene.

GENVT2P – Contains RR2 gene and Genuity VT PRO genes, which provide resistance to corn borers, fall armyworm, and corn earworm.

VT3P – Contains RR2 gene and YieldGard corn borer and corn rootworm gene.

GENVT3P – Contain RR2 gene and Genuity VT PRO gene, which provides resistance to corn borers, fall armyworm, corn earworm, and corn rootworm.

HX, HX1 – Contains the Herculex Insect Protection gene, which provides protection against corn borers and fall armyworms; and suppresses corn earworm.

HXX – Contains the Herculex Insect Protection gene, which provides protection against corn borers and fall armyworms; and suppresses corn earworm and protection against corn rootworm).

GENSS – Genuity SmartStax, contains Genuity VTPRO3, HXX, LL, and RR2.

SS – Dow AgriSciences SmartStax. Provides protection similar to GENSS.

SSX – Dow AgriScience SmartStax. Provides similar protection as SS and also protects against corn earworm.

Agrisure CB/LL – This gene offers a high level of resistance to corn borers (southwestern, European, and sugarcane borers). The gene also offers a moderate level of resistance to corn earworm and above average resistance to fall armyworms. Also, contains the LL gene.

GT – Agrisure's glyphosate tolerance gene.

VIP – Agrisure's Vipsteria contains a gene for resistance to corn earworm, Fall armyworm, black cutworm, western bean cutworm, dingy cutworm, and stalk borers.

3000GT – Contains Agrisure's GT and CB/LL genes.

3110 – Contains Agrisure's VIP, CB/LL, and GT traits.

NOTE: Corn rootworm resistance provided in all of the above traits do not provide resistance to the southern corn rootworm, which is the pest present in Louisiana.

Table 10. List of participating seed companies and hybrids tested in the LAES 2013 corn official variety trials.

Company	Brand/Hybrid
Armor Seed Hwy 49 P.O. Box 9 Waldenburg, AR 72475	Armor 1133PRO2, Armor 1262PRO2, Armor 1550PRO2, Armor 1555SS, Armor 1880PRO2
BH Genetics 5933 FM 1157 Ganado, TX 77962	BH Genetics 8550VT2P, BH Genetics 8700SS, BH Genetics 8732VTTP, BH Genetics 8735VTTP, BH Genetics 8830VTTP, BH Genetics 8900GT3, BH Genetics 8928VTTP
Winfield/Croplan Genetics 379 West Cypress St. P.O. Box 42 Cary, MS 39054	Croplan Genetics CG6640VT3P, Croplan Genetics CG6926RR, Croplan Genetics CG6960VT3P, Croplan Genetics CG8410VT3P, Croplan Genetics CG8621VT2P
Monsanto/Dekalb 2104 Jasmine Drive Opelousas, LA 70570	Dekalb DKC61-78, Dekalb DKC61-88, Dekalb DKC62-08, Dekalb DKC64-69, Dekalb DKC66-40, Dekalb DKC66-87, Dekalb DKC66-97, Dekalb DKC67-57, Dekalb DKC69-29
Delta Grow Seed 220 NW 2 nd P.O. Box 219 England, AR 72046	Delta Grow DG1660, Delta Grow DG2788GTCBLL, Delta Grow DG2888GTCBLL, Delta Grow DG3660VIP, Delta Grow DG3788GTCBLL, Delta Grow DG6160VIPGTCBLL
Crop Production Services/ Dyna-Gro Seed 11 Gin Rd. Rayville, LA 71269	Dyna-Gro D52VC91, Dyna-Gro D53VC13, Dyna-Gro D54VP81, Dyna-Gro D55VP77, Dyna-Gro D56VC46, Dyna-Gro D57VP51
Golden Acres Genetics, Ltd. P.O. Box 20787 Waco, TX 76702	Golden Acres 26V21, Golden Acres G6611, Golden Acres G7601
Mycogen 9330 Zimsville Rd Indianapolis, IN 46268	Mycogen 2A787, Mycogen 2C786, Mycogen 2J794, Mycogen 2P886, Mycogen 2V707, Mycogen 2V714, Mycogen 2Y811, Mycogen 2Y816
Dupont Pioneer 700 Boulevard South SW Suite 302 Huntsville, AL 35802	Pioneer P1105YHR Pioneer P1685YHR

Terral Seed, Inc.
111 Ellington Drive
Rayville, LA 71269

REV®17HR73™, REV®18BHR84™,
REV®22BHR21™, REV®22BHR43™,
REV®22BHR54™, REV®24HR93™,
REV®25BHR44™, REV®26BHR50™,
REV®27HR83™, REV®28HR20™,
REV®28R10™

Triumph Seed Company, Inc.
P.O. Box 1050
Ralls, TX 79357

Triumph TR1725H, Triumph TRX11832X,
Triumph TRX21366S



LSU AgCenter Corn Demonstration Report

Parish: Avoyelles
 Community: Moreauville
 Principle Investigators: Dr. Ron Levy, Keith Normand
 County Agent: Silas Cecil
 Cooperator: Adam Lemoine
 Crop: Corn
 Previous Crop: Soybeans
 Planted Plant Population: 28,432 Average of Plots
 Soil Type: Silt Loam
 Fertility: 200 Units Nitrogen
 Irrigation: Non-irrigated
 Tillage Type: Conventional 36" Rows
 Date Planted: 3/7/13
 Date Harvested: 8/17/13
 Weed Control: Atrazine & Dual
 Insect Control: None
 Disease Control: None - Alpha Guard
 Misc.: 6 Row Planter @ 36". 12 Rows each variety

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted	Test Wt (lbs)
Stacked Hybrids:										
Armor 1262 Pro	Y	4318	16.3	432	450	0.37	4277.12	207.33	205.37	58.4
Armor 1550 Pro	Y	4510	16.3	432	450	0.37	4467.30	216.55	214.50	58.6
DeKalb DKC 62-08	Y	4372	15.1	432	450	0.37	4392.70	209.93	210.92	59.2
DeKalb DKC 69-29 VT	Y	4342	16.4	432	450	0.37	4295.75	208.48	206.26	59
Dyna Gro D55VP77	Y	4482	16.3	432	450	0.37	4439.57	215.21	213.17	60
Dyna Gro D57VP51	Y	4646	15.9	432	450	0.37	4624.01	223.08	222.03	60.2
Mycogen 2P886	Y	4376	18.4	432	450	0.37	4225.82	210.12	202.91	58.1
Mycogen 2V714	Y	4218	17.5	432	450	0.37	4118.17	202.53	197.74	58
Syngenta NK N74R3000 GT	Y	4546	17.3	432	450	0.37	4449.16	218.28	213.63	58.5
Syngenta NK N78S3111	Y	4620	16.9	432	450	0.37	4543.46	221.83	218.16	59
Terral REV 26BHR50	Y	4478	17	432	450	0.37	4398.51	215.02	211.20	60.4
Terral REV 28HR20	Y	4610	17	432	450	0.37	4528.17	221.35	217.42	61.2
Non-Staked Hybrids:										
Dyna-Gro D55GT73	Y	4492	15.8	432	450	0.37	4476.05	215.69	214.92	61.9



LSU AgCenter Corn Demonstration Report

Parish: Avoyelles
 Community: Hamburg
 Principle Investigators: Dr. Ron Levy, Keith Normand
 County Agent: Silas Cecil
 Cooperator: Tommy Laborde
 Crop: Corn
 Previous Crop:
 Planted Plant Population:
 Soil Type:
 Fertility:
 Irrigation: Non-Irrigated
 Tillage Type: Conventional 36"
 Date Planted: 3/8/13
 Date Harvested: 8/28/13

Weed Control:
 Insect Control:
 Disease Control:
 Misc.:

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted	Test Wt (lbs)
Stacked Hybrids:										
Armor 1262 Pro	Y	7622	13.3	216	1628	0.67	7820.44	202.32	207.59	60.4
Armor 1550 Pro	Y	7552	13.3	216	1627	0.67	7748.62	200.59	205.81	61.9
DeKalb DKC 62-08	Y	8174	13.6	216	1635	0.68	8357.79	216.04	220.90	59.4
DeKalb DKC 69-29 VT	Y	8402	14.3	216	1634	0.68	8521.32	222.21	225.36	59.5
Dyna Gro D55VP77	Y	8340	13.8	216	1632	0.67	8507.79	220.84	225.28	61.1
Dyna Gro D57VP51	Y	8630	13.2	216	1631	0.67	8864.90	228.66	234.88	60.8
Mycogen 2P886	Y	7338	14.8	216	1621	0.67	7398.79	195.62	197.24	61.1
Mycogen 2V714	Y	7536	13.4	216	1625	0.67	7723.29	200.41	205.39	57.8
Pioneer P1319 HR	Y	8428	13.7	216	1633	0.67	8607.53	223.03	227.78	62.3
Pioneer P1690 YHR	Y	8676	13.7	216	1629	0.67	8860.81	230.16	235.06	61.3
Syngenta NK N74R3000 GT	Y	7214	13.8	216	1587	0.66	7359.13	196.44	200.39	59.9
Syngenta NK N78S3111	Y	7848	14.3	216	1624	0.67	7959.45	208.83	211.80	58.5
Terral REV 26BHR50	Y	8754	13.9	216	1623	0.67	8919.76	233.09	237.50	62.9
Terral REV 28HR20	Y	8050	13.7	216	1622	0.67	8221.48	214.47	219.04	61.7



LSU AgCenter Corn Demonstration Report

Parish: Beauregard
 Community: DeRidder
 Principle Investigators: Dr. Ron Levy & Keith Normand
 County Agent: Keith Hawkins
 Cooperator: David Smith
 Crop: Corn
 Previous Crop: Corn
 Planted Plant Population: 29,000
 Soil Type: Silt Loam
 Fertility: 220-0-72; 2 tons chicken litter; 5 gal. 11-3
 Irrigation: Yes
 Tillage Type: No-Till
 Date Planted: 4/1/13
 Date Harvested: 8/19/13
 Weed Control: Roundup burndown; Dual Atrazine at planting; 1 qt. Roundup over top
 Insect Control: Soil Applied
 Disease Control: None
 Misc.:

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted
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Stacked Hybrids:

Armor 1262 Pro	Y	2054	13.3	180	526	0.18	2107.48	202.50	207.77
Armor 1550 Pro	Y	2170	13.4	170	566	0.18	2223.93	210.51	215.74
DeKalb DKC 62-08	Y	1978	14.7	180	486	0.17	1996.73	211.06	213.05
Dekalb DKC 69-29 VT	Y	2064	14.2	160	546	0.17	2095.75	220.54	223.93
Dyna Gro D55VP77	Y	2090	13.5	180	476	0.16	2139.47	227.69	233.08
Dyna Gro D57VP51	Y	2126	13.1	180	516	0.18	2186.38	213.66	219.73
Mycogen 2P886	Y	1984	16	180	556	0.19	1972.26	185.04	183.95
Mycogen 2V714	Y	1962	13.9	180	466	0.16	1999.15	218.33	222.47
Syngenta NK N74R3000 GT	Y	2160	14.8	180	536	0.18	2177.89	208.98	210.71
Syngenta NK N78S3111	Y	2138	13.9	180	496	0.17	2178.48	223.53	227.76
Terral REV 26BHR50	Y	2282	14.6	180	506	0.17	2306.31	233.87	236.36
Terral REV 28HR20	Y	1916	14.5	180	456	0.16	1938.67	217.89	220.47

Non-Stacked Hybrids:

	Y								
Dyna-Gro D55GT73	Y	1680	14.5	180	446	0.15	1699.88	195.34	197.65
Mycogen 2A782	Y	2452	14.2	180	576	0.20	2489.72	220.75	224.15
Mycogen 2Y811	Y	2104	14	180	596	0.21	2141.35	183.07	186.32
Terral REV 28R10	Y	2418	13.9	180	586	0.20	2463.78	213.98	218.03

* Plot size reduced due to hog damage.



LSU AgCenter Corn Demonstration Report

Parish: Caddo
 Community:
 Principle Investigators: Dr. Ron Levy & Keith Normand
 County Agent: John Terrell
 Cooperator: Rhyn Kirby
 Crop: Corn
 Previous Crop: Corn
 Planted Plant Population:
 Soil Type:
 Fertility:
 Irrigation:
 Tillage Type:
 Date Planted: 3/18/13
 Date Harvested: 8/27/13
 Weed Control:
 Insect Control:
 Disease Control:

Misc.: Weighed with combine yield monitor.

Variety Name	Core	Harvest	Harvest	Plot	Row	Acreage	Dry 15.5%	Bu/A	Bu/A
6 Row Plots	Block	Wt (lbs)	Moist (%)	Wdh (in)	Lgh (ft)	per plot	Wt(lbs)	Raw	Adjusted

Stacked Hybrids:

Armor 1262 Pro	Y	15	0.90	196.80
Armor 1550 Pro	Y	15.8	0.90	208.29
DeKalb DKC 62-08	Y	14.2	0.90	196.74
DeKalb DKC 69-29 VT	Y	14.9	0.90	199.20
Dyna-Gro D55YP77	Y	13.9	0.90	191.59
Dyna-Gro D57VP51	Y	13.7	0.90	192.06
Mycogen 2P886	Y	17.4	0.90	161.40
Mycogen 2V714	Y	13	0.90	183.60
Pioneer P1690 YHR	Y	13.6	0.90	206.95
Syngenta NK N72Q3111	Y	13.1	0.90	185.64
Syngenta NK N74R3000 GT	Y	16.4	0.90	196.00
Syngenta NK N78S3111	Y	14.6	0.90	181.59
Terral REV 26BHR50	Y	14.7	0.90	198.60
Terral REV 28HR20	Y	14.1	0.90	208.70



LSU AgCenter Corn Demonstration Report

Parish: Caldwell
 Community: Columbia
 Principle Investigators: Dr. Ron Levy
 County Agent: Jim McCann
 Cooperator: Lelon Kenney
 Crop: Corn
 Previous Crop: Corn
 Planted Plant Population: 29,000
 Soil Type: Sandy
 Fertility: 95-60-60 before planting---125N at layby
 Irrigation: 3 times
 Tillage Type: Re-Hip in Fall and Spring
 Date Planted: 3/18/13
 Date Harvested: 8/20/13

 Weed Control: Roundup at planting----Roundup and Atrazine at layby(2ft)
 Insect Control: none
 Disease Control: none
 Misc.:

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted	Test Wt (lbs)
Stacked Hybrids:										
Armor 1262 PRO	Y	6270	15.8	304	1047	0.61	6247.74	183.88	183.22	58.8
Armor 1550 Pro	Y	6422	16.2	304	1047	0.61	6368.80	188.34	186.77	60.4
Dekalb DKC 62-08	Y	6608	14.7	304	1047	0.61	6670.56	193.79	195.62	59.9
Dyna Gro D55VP77	Y	6490	16	304	1047	0.61	6451.60	190.33	189.20	59.6
DynaGro D57VP51	Y	6968	14.8	304	1047	0.61	7025.72	204.35	206.04	60.4
Mycogen 2P886	Y	6800	18.4	304	1047	0.61	6566.63	199.42	192.58	58.5
Mycogen 2V714	Y	6262	14.3	304	1047	0.61	6350.93	183.64	186.25	56.8
Pioneer P1319HR	Y	6672	14.8	304	1047	0.61	6727.27	195.67	197.29	61.5
Pioneer P1690 YHR	Y	7274	14.9	304	1047	0.61	7325.65	213.32	214.84	61.2
Syngenta NK N74R3000GT	Y	5906	15.7	304	1047	0.61	5892.02	173.20	172.79	58.3
Syngenta NK N78S3111	Y	6510	16.5	304	1047	0.61	6432.96	190.92	188.66	56.6
Terral REV 26BHR50	Y	7014	17.2	304	1047	0.61	6872.89	205.70	201.56	61.3
Terral REV 28HR20	Y	6814	16.6	304	1047	0.61	6725.30	199.83	197.23	60
Non-Stacked Hybrids:										
DynaGro D55GT73	Y	6624	15.8	304	1047	0.61	6600.48	194.26	193.57	62.3
Mycogen 2A782	Y	6230	16.2	304	1047	0.61	6178.39	182.70	181.19	57.6
Mycogen 2Y811	Y	6328	17.2	304	1047	0.61	6200.69	185.58	181.84	57.5
Pioneer P1690R	Y	6202	15.2	304	1047	0.61	6224.02	181.88	182.53	61.5



LSU AgCenter

Parish: East Carroll
 Community: Elmwood
 Principle Investigators: Dr. Ronnie Levy
 County Agent: Donna R. Lee
 Cooperator: John & John Michael H
 Crop: Corn
 Previous Crop: Soybean
 Planted Plant Population: 31,000
 Soil Type: Clay
 Fertility: 200 lbs N; 50 lbs P; Su
 Irrigation: Yes
 Tillage Type: Conventional
 Date Planted: 3/15/13
 Date Harvested: 9/19/13
 Weed Control: Fall Burndown Dual at
 Insect Control: None
 Disease Control: None
 Misc.: Harvested with combin

Variety Name	Core Block	Bu/A Adjusted
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Stacked Hybrids:

Armor 1262 Pro	Y	187.00
Armor 1550 Pro	Y	213.00
Dekalb DKC 62-08	Y	183.00
DeKalb DKC 69-29	Y	191.00
Dyna Gro D55VP77	Y	154.00
Dyna Gro D57VP51	Y	206.00
Mycogen 2P886	Y	208.00
Mycogen 2V714	Y	185.00
Pioneer P1319HR	Y	191.00
Pioneer P1690 YHR	Y	183.00
Syngenta NK N74R3000	Y	206.00
Syngenta NK N78S3111	Y	200.00
Terral REV 26BHR50	Y	218.00
Terral REV 28HR20	Y	208.00

Non-Stacked Hybrids:

Dyna Gro D55GT73	Y	194.00
Mycogen 2A782	Y	200.00
Mycogen 2Y811	Y	206.00
Terrall REV 28R10	Y	208.00



LSU AgCenter Corn Demonstration Report

Parish: Evangeline
 Community: Centerville
 Principle Investigators: Dr. Ron Levy & Keith Normand
 County Agent: Keith Fontenot
 Cooperator: Mike Dischler
 Crop: Corn
 Previous Crop: Soybean
 Planted Plant Population:
 Soil Type:
 Fertility: 325 lbs 0-20-30; 3 gal starter 7-17-3; 200
 Irrigation: None
 Tillage Type: Conventional
 Date Planted:
 Date Harvested: 8/23/13
 Weed Control: 1 qt. Roundup & 2 qts. Atrazine
 Insect Control: 3 oz Capture
 Disease Control:
 Misc.: Harvested 6 Row Plots; Row width 38"

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted	Test Wt (lbs)
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Stacked Hybrids:

Armor 1262 Pro	Y	3984	18.8	228	759	0.33	3828.41	214.89	206.50	58.8
Armor 1550 Pro	Y	3820	16.1	228	717	0.31	3792.88	218.12	216.57	58.8
DeKalb DKC 62-08	Y	4060	16.1	228	725	0.32	4031.17	229.26	227.64	58.4
DeKalb DKC 69-29 VT	Y	3960	16.9	228	749	0.33	3894.39	216.45	212.86	58.7
Dyna-Gro D55VP77	Y	3536	16.4	228	709	0.31	3498.34	204.18	202.00	57.3
Dyna-Gro D57VP51	Y	3971	15.8	228	720	0.31	3956.90	225.79	224.99	60.2
Mycogen 2P886	Y	4410	16.2	228	753	0.33	4373.47	239.77	237.78	58.8
Mycogen 2V714	Y	3752	15.9	228	733	0.32	3734.24	209.56	208.57	56.5
REV 26BHR50	Y	4210	17.3	228	733	0.32	4120.32	235.14	230.13	61.6
REV 28HR20	Y	4468	17.5	228	762	0.33	4362.25	240.05	234.37	57.3
Syngenta NK N74R3000GT	Y	4008	16.6	228	755	0.33	3955.82	217.33	214.50	57
Syngenta NK N78S3111	Y	3786	18.5	228	765	0.33	3651.59	202.61	195.42	56.6

Non-Stacked RR Hybrid

Dyna-Gro D55GT73	Y	3764	16.1	228	741	0.32	3737.27	207.96	206.48	61.4
REV 28R10	Y	4296	17.6	228	756	0.33	4189.24	232.64	226.86	56



LSU AgCenter Corn Demonstration Report

Parish: Franklin
 Community: Winnsboro
 Principle Investigators: Dr. Ronnie Levy and Keith Normand
 County Agent: Carol Pinnell-Alison
 Cooperator: Campbell Farm
 Crop: Corn
 Previous Crop: wheat/soybean
 Planted Plant Population: 33,000 seed per acre
 Soil Type: Gigger-Gilbert complex
 Fertility: Fall dry application of 30-80-80 plus
 1 oz of Battery/A;
 at planting 8 gal 30-0-0-2 (S) + 1 lb zinc/A
 Irrigation: furrow
 Tillage Type: stale seed bed
 Date Planted: 3/14/13
 Date Harvested: 9/4/13
 Weed Control: Winter vegetation control end of January 1 gal to 5 acres Roundup+2 oz Valor+ 4 oz PowerLock surfactant
 Insect Control: Counter 20G 5 lb/A in-furrow at planting
 Disease Control:
 Misc.: 16 rows per plot; 38 inch row spacing; rehipped in fall used row conditioner at planting; soil temp.
 3 inches 12:30 p.m. 48°F, soil temp. 3 inches 2:45 p.m. 66°F
 Harvested 8 rows from each plot.

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted	Test Wt (lbs)
Stacked Hybrids:										
Armor 1262 Pro	Y	2145	12.8	304	344	0.20	2213.54	191.46	197.58	59
Armor 1550 Pro	Y	2510	14.4	304	367	0.21	2542.67	210.00	212.73	61
Dekalb DKC 62-08	Y	2675	13.9	304	368	0.21	2725.65	223.19	227.42	60
Dekalb DKC 69-29 VT	Y	2515	14.5	304	348	0.20	2544.76	221.90	224.53	61
Dyna Gro D55VP77	Y	2450	14.3	304	337	0.20	2484.79	223.23	226.40	61
Dyna Gro D57VP51	Y	2745	14.9	304	346	0.20	2764.49	243.60	245.33	61
Mycogen 2P886	Y	2475	16.1	304	334	0.19	2457.43	227.53	225.91	61
Mycogen 2V714	Y	2465	13.5	304	362	0.21	2523.34	209.08	214.03	58
Pioneer P1319 HR	Y	2640	13.9	304	365	0.21	2689.99	222.08	226.29	62
Pioneer P1690 YHR	Y	2625	14.7	304	341	0.20	2649.85	236.36	238.60	62
Syngenta NK N74R3000 GT	Y	2520	14.6	304	354	0.21	2546.84	218.58	220.91	59
Syngenta NK N78S3111	Y	2330	13.7	304	334	0.19	2379.63	214.20	218.76	60
Terral REV 26BHR50	Y	2880	15.4	304	355	0.21	2883.41	249.10	249.39	63
Terral REV 28HR20	Y	2530	14.8	304	336	0.20	2550.96	231.20	233.12	60
Non-Stacked Hybrids:										
Dyna Gro D55GT73	Y	2600	13.8	304	356	0.21	2652.31	224.25	228.76	61
Mycogen 2A782	Y	2400	13.2	304	317	0.18	2465.33	232.47	238.79	59
Mycogen 2Y811	Y	2420	15.5	304.00	326	0.19	2420.00	227.93	227.93	58
Pioneer P1690R	Y	2565	14.6	304	328	0.19	2592.32	240.12	242.67	62
Terral REV 28R10	Y	2615	15	304	320	0.19	2630.47	250.92	252.40	62



LSU AgCenter Corn Demonstration Report

Parish: Morehouse
 Community: Collinston
 Principle Investigators:
 County Agent: Terry Erwin
 Cooperator: Bruce Crymes
 Crop: corn
 Previous Crop: soybeans
 Planted Plant Population: 32,000
 Soil Type: silt loam
 Fertility: 240 lbs. N, 1 ton chicken manure
 Irrigation: 5 times
 Tillage Type: conventional
 Date Planted: 3/20/13
 Date Harvested: 8/26/13
 Atrazine plus Round-Up
 Insect Control: None
 Disease Control: None
 Misc.:

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted
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Stacked Hybrids:

Armor 1262 Pro	Y	8015	15.7	304	1123	0.65	7996.03	219.14	218.63
Armor 1550 Pro	Y	8229	15.7	304	1123	0.65	8209.52	225.00	224.46
DeKalb DKC 62-08	Y	7889	16.1	304	1123	0.65	7832.98	215.70	214.17
Dekalb DKC 69-29 VT	Y	7198	16.7	304	1123	0.65	7095.78	196.81	194.01
Dyna Gro D55VP77	Y	8027	16.4	304	1123	0.65	7941.51	219.47	217.14
Dyna Gro D57VP51	Y	8013	16	304	1123	0.65	7965.59	219.09	217.79
Mycogen 2P886	Y	7987	16.1	304	1123	0.65	7930.29	218.38	216.83
Mycogen 2V714	Y	8012	16.1	304	1123	0.65	7955.11	219.06	217.51
Pioneer P1319HR	Y	8227	16.7	304	1123	0.65	8110.17	224.94	221.75
Pioneer P1690 YHR	Y	8219	16.1	304	1123	0.65	8160.64	224.72	223.13
Syngenta NK N74R3000 GT	Y	7976	16.2	304	1123	0.65	7909.93	218.08	216.27
Syngenta NK N78S3111	Y	7889	15.6	304	1123	0.65	7879.66	215.70	215.44
Terral REV 26BHR50	Y	8226	16.4	304	1123	0.65	8138.39	224.91	222.52
Terral REV 28HR20	Y	8213	16.1	304	1123	0.65	8154.68	224.56	222.96

Non-Stacked Hybrids:

Dyna Gro D55GT73	Y	8009	16.2	304	1123	0.65	7942.65	218.98	217.17
Mycogen 2A782	Y	7769	16.4	304	1123	0.65	7686.25	212.42	210.16
Mycogen 2Y811	Y	7890	16.6	304.00	1123	0.65	7787.29	215.73	212.92
Pioneer P1690R	Y	8211	15.6	304	1123	0.65	8201.28	224.50	224.24
Terral REV 28R10	Y	8011	15.8	304	1123	0.65	7982.56	219.04	218.26



LSU AgCenter Corn Demonstration Report

Parish: Ouachita
 Community: Fondale, La.
 Principle Investigators: Dr. Ronnie Levy
 County Agent: Richard Letlow
 Cooperator: Tripp Faulk
 Crop: Corn Stacked
 Previous Crop: Soybeans
 Planted Plant Population: 28,000 to 32,000
 Soil Type: Sterlington Silt Loam
 Fertility: 220 lbs N; 1ton/ac.chicken liter
 Irrigation: 4 times
 Tillage Type: Minimum till
 Date Planted: 3/15/13
 Date Harvested: 8/25/13

Weed Control: Round-up Ready power Max, 1-5; 2 application of 1 lb./ac Atrazine; Duel @ 1pint/ac.; Resolve @
 Insect Control: no
 Disease Control: no
 Misc.:

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted
Stacked Hybrids:									
Armor 1262 PRO	Y	8176	17.5	304	1118	0.65	7982.49	224.55	219.23
Armor 1550 PRO	Y	8512	16.4	304	1118	0.65	8421.34	233.77	231.28
Dekalb DKC 62-08	Y	8904	16.8	304	1118	0.65	8767.02	244.54	240.78
Dekalb DKC 69-29 VT	Y	8400	16.7	304	1118	0.65	8280.71	230.70	227.42
Dyna Gro D55VP77	Y	8792	17	304	1118	0.65	8635.93	241.46	237.18
Dyna Gro D57VP51	Y	9072	16.5	304	1118	0.65	8964.64	249.15	246.21
Mycogen 2P886	Y	8736	20.5	304	1118	0.65	8219.08	239.93	225.73
Mycogen 2V714	Y	8288	15	304	1118	0.65	8337.04	227.62	228.97
Pioneer P1319HR	Y	8568	16.5	304	1118	0.65	8466.60	235.31	232.53
Pioneer P1690 YHR	Y	9184	17.2	304	1118	0.65	8999.23	252.23	247.16
Syngenta NK N74R3000GT	Y	7952	17.2	304	1118	0.65	7792.02	218.39	214.00
Syngenta NK N78S3111	Y	8456	17.9	304	1118	0.65	8215.83	232.24	225.64
Terral REV 26BHR50	Y	9520	18.6	304	1118	0.65	9170.75	261.46	251.87
Terral REV 28HR20	Y	9688	17.5	304	1118	0.65	9458.70	266.07	259.77



LSU AgCenter Corn Demonstration Report

Parish: Pointe Coupee
 Community: Batchelor, La.
 Principle Investigators: Steve Borel, Miles Brashier
 County Agent: Steve Borel, Miles Brashier
 Cooperator: George and Gert Lacour
 Crop: Corn
 Previous Crop: Cotton
 Planted Plant Population: 27,000
 Soil Type: Mixed
 Fertility:
 Irrigation: None
 Tillage Type:
 Date Planted: conventional
 Date Harvested: 8/13/13

Weed Control:
 Insect Control:
 Disease Control:
 Misc.:

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted	Test Wt (lbs)
Stacked Hybrids:										
Armor 1262Pro	Y	2880	14.2	228	636	0.28	2924.31	185.39	188.24	62.6
Armor 1550 PRO	Y	2410	15.1	228	582	0.25	2421.41	169.53	170.33	54
DeKalb DKC 62-08	Y	2740	13.5	228	585	0.26	2804.85	191.75	196.29	56.4
DeKalb DKC69-29 VT	Y	2630	13.5	228	576	0.25	2692.25	186.93	191.35	66.2
Dyna Gro D55VR77	Y	2590	14.2	228	576	0.25	2629.85	184.09	186.92	60.6
Dyna-Gro D57VP51	Y	2840	15.3	228	630	0.27	2846.72	184.55	184.99	55.4
Mycogen 2P886	Y	2630	17.5	228	621	0.27	2567.75	173.38	169.28	56.8
Mycogen 2V714	Y	2795	14.5	228	582	0.25	2828.08	196.61	198.94	60
Pioneer 1319HR	Y	3190	14.1	228	636	0.28	3242.85	205.34	208.75	56.4
Pioneer 1609 YHR	Y	3190	16.3	228	582	0.25	3159.80	224.40	222.27	54
Syngenta NK N74R3000 GT	Y	2790	15	228	582	0.25	2806.51	196.26	197.42	57.1
Syngenta NK N78S3111	Y	2940	15.8	228	615	0.27	2929.56	195.71	195.02	59
Terral 26BHR50	Y	3430	14.4	228	651	0.28	3474.65	215.70	218.51	63.3
Terral 28HR 20	Y	3540	14.2	228	651	0.28	3594.46	222.62	226.047	61.1
Non-Stacked Hybrids:										
Dyna Gro D55GT73	Y	3070	14.7	228	600	0.26	3099.07	209.48	211.46	56.6
Mycogen 2A782	Y	3040	13.6	228	651	0.28	3108.36	191.18	195.48	59.6
Mycogen 2Y811	Y	3130	14.4	228	651	0.28	3170.75	196.84	199.40	64.7
Pioneer P1690R	Y	3310	14.8	228	609	0.27	3337.42	222.51	224.36	59.6
Terral 28R10	Y	3170	16.2	228	588	0.26	3143.74	220.71	218.88	62.9



LSU AgCenter Corn Demonstration Report

Parish: Rapides
 Community: Dean Lee Research Station
 Principle Investigators: Dr. Ron Levy & Keith Normand
 County Agent: Donna Morgan
 Cooperator: Darryl Franks
 Crop: Corn
 Previous Crop: Soybeans
 Planted Plant Population:
 Soil Type: Coushatta Silt Loam
 Fertility:
 Irrigation: None
 Tillage Type: Conventional
 Date Planted: 3/13/13
 Date Harvested: 8/27/13
 Weed Control:
 Insect Control:
 Disease Control:

Misc.: Station Location	Tom Bowman Dr. Across From Pond				From South to North						
Variety Name	Core	Harvest	Harvest	Plot	Row	Acreage	Dry 15.5%	Bu/A	Bu/A	Test	
8 Row Plots	Block	Wt (lbs)	Moist (%)	Wdh (in)	Lgh (ft)	per plot	Wt(lbs)	Raw	Adjusted	Wt (lbs)	

Stacked Hybrids:

Armor 1262 Pro	Y	4250	15.2	304	768	0.45	4265.09	169.92	170.52	56.8
Armor 1550 Pro	Y	4060	15.4	304	768	0.45	4064.80	162.32	162.51	58.8
DeKalb DKC 62-08	Y	3910	15	304	768	0.45	3933.14	156.32	157.25	57.6
Dekalb DKC 69-29 VT	Y	4410	16.4	304	768	0.45	4363.03	176.31	174.44	58.3
Dyna-Gro D55VP77	Y	3900	15.3	304	768	0.45	3909.23	155.92	156.29	58.7
Dyna-Gro D57VP51	Y	4650	15.8	304	768	0.45	4633.49	185.91	185.25	57.7
Mycogen 2P886	Y	3970	18	304	768	0.45	3852.54	158.72	154.03	56.8
Mycogen 2V714	Y	4370	16.8	304	768	0.45	4302.77	174.71	172.03	51.6
Syngenta NK N74R3000 GT	Y	3950	16.6	304	768	0.45	3898.58	157.92	155.87	56.9
Terral REV 26 BHR50	Y	4780	17	304	768	0.45	4695.15	191.11	187.71	57.4
Terral REV 28HR20	Y	4190	15.8	304	768	0.45	4175.12	167.52	166.92	58.4

Non-Stacked Hybrids:

Dyna-Gro D55GT73	Y	3880	15.5	304	768	0.45	3880.00	155.12	155.12	60.3
Mycogen 2A782	Y	4250	15.8	304	768	0.45	4234.91	169.92	169.31	56.6
Mycogen 2Y811	Y	4180	16.3	304	768	0.45	4140.43	167.12	165.54	56.6
REV 28R10	Y	4500	16	304	768	0.45	4473.37	179.91	178.85	58.9



LSU AgCenter Corn Demonstration Report

Parish: Richland
 Community: Crew Lake/Start
 Principle Investigators:
 County Agent: Keith Collins
 Cooperator: Elliot Colvin
 Crop: Corn
 Previous Crop: Corn
 Planted Plant Population: 32,000-33,000
 Soil Type: Silt Loam
 Fertility: Variable rate P and K, 240 lbs N
 Irrigation: Furrow, 5 times
 Tillage Type: Fall Stale
 Date Planted: 3/14/13
 Date Harvested: 8/14/13

 Weed Control: Atrazine and Glyphosate, + Layby
 Insect Control: None
 Disease Control: Stratego, one week after tasseling
 Misc.:

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted	Test Wt (lbs)
Stacked Hybrids:										
Armor 1262 Pro	Y	5880	18.1	180	1265	0.44	5699.08	241.04	233.63	52.3
Armor 1550 Pro	Y	6100	17.9	180	1265	0.44	5926.75	250.06	242.96	56.1
Dekalb 62-08 AR2	Y	5740	16.3	180	1265	0.44	5685.66	235.30	233.08	58.1
Dekalb 69-29 VT	Y	5580	17.6	180	1265	0.44	5441.33	228.75	223.06	60.5
DynaGro 55VP77	Y	5700	18.8	180	1265	0.44	5477.40	233.66	224.54	55.3
DynaGro 57VP51	Y	5560	16.6	180	1265	0.44	5487.62	227.93	224.96	56.5
Mycogen 2P886	Y	6180	20.5	180	1265	0.44	5814.32	253.34	238.35	56.9
Mycogen 2V714	Y	6240	17.4	180	1265	0.44	6099.69	255.80	250.05	56.7
Pioneer 1319 HR	Y	6180	16.1	180	1265	0.44	6136.12	253.34	251.54	62.4
Pioneer 1690 HR	Y	6400	19.5	180	1265	0.44	6097.04	262.36	249.94	53.8
Syngenta N78S-3111	Y	6000	19.8	180	1265	0.44	5694.67	245.96	233.45	54.4
Syngenta NK 74R-3000GT	Y	5780	17.8	180	1265	0.44	5622.67	236.94	230.49	57.8
Terral REV 26BHR50	Y	6600	18.7	180	1265	0.44	6350.06	270.56	260.31	56.8
Terral REV 28HR20	Y	6380	18.7	180	1265	0.44	6138.39	261.54	251.64	56.6



LSU AgCenter Corn Demonstration Report

Parish: St. Landry
 Community: Beggs
 Principle Investigators: Dr. Ron Levy & Keith Normand
 County Agent: Vince Deshotel
 Cooperator: Lawrence Thistlewaite
 Crop: Corn
 Previous Crop:
 Planted Plant Population:
 Soil Type: Sandy Loam
 Fertility:
 Irrigation:
 Tillage Type: Conventional
 Date Planted: 3/26/13
 Date Harvested: 8/27/13
 Weed Control:
 Insect Control:
 Disease Control:

Misc.: 8 Row Plots Planted Left to Right
 Variety Name Core Harvest Harvest Plot Row Acreage Dry 15.5% Bu/A Bu/A Test
 Block Wt (lbs) Moist (%) Wdh (in) Lgh (ft) per plot Wt(lbs) Raw Adjusted Wt (lbs)

Stacked Hybrids:

Armor 1262 Pro	Y	3740	15.4	288	575	0.32	3744.43	210.81	211.06	57.8
Armor 1550 Pro	Y	3498	15.5	288	554	0.31	3498.00	204.64	204.64	60.1
DeKalb DKC 62-08	Y	3870	14.7	288	557	0.31	3906.64	225.19	227.32	59.4
Dekalb DKC 69-29 VT	Y	3734	15.3	288	548	0.30	3742.84	220.84	221.37	59.8
Dyna-Gro D55VP77	Y	3296	15.1	288	542	0.30	3311.60	197.10	198.03	59.7
Dyna-Gro D57VP51	Y	4064	15.6	288	577	0.32	4059.19	228.28	228.01	59.4
Mycogen 2P886	Y	3580	17.9	288	572	0.32	3478.32	202.85	197.09	58.2
Mycogen 2V714	Y	3596	15.2	288	551	0.30	3608.77	211.52	212.27	56
Pioneer P1319 HR	Y	3652	15.2	288	545	0.30	3664.97	217.18	217.95	59.8
Pioneer P1690 YHR	Y	3636	15.2	288	560	0.31	3648.91	210.44	211.19	60.8
Syngenta NK N74R3000 GT	Y	3768	16.2	288	569	0.31	3736.79	214.63	212.85	58.2
Syngenta NK N78S3111	Y	3530	17.1	288	566	0.31	3463.16	202.14	198.31	56
Terral REV 26BHR50	Y	3282	15.7	288	539	0.30	3274.23	197.35	196.88	60.9
Terral REV 28HR20	Y	3368	16.4	288	577	0.32	3332.13	189.18	187.17	55.7

Non-Stacked Hybrids:

Dyna-Gro D55GT73	Y	3650	15	288	563	0.31	3671.60	210.12	211.37	62.1
Mycogen 2A782	Y	2852	16.1	288	533	0.29	2831.75	173.42	172.19	56.5
Mycogen 2Y811	Y	2948	16	288	530	0.29	2930.56	180.28	179.21	57.3
Pioneer P1690R	Y	3194	15.1	288	527	0.29	3209.12	196.43	197.36	59.8
Terral REV 28R10	Y	2606	15.3	288	536	0.30	2612.17	157.58	157.95	60.2



LSU AgCenter Corn Demonstration Report

Parish: Tensas
 Community: Newellton
 Principle Investigators:
 County Agent: Dennis Burns
 Cooperator: Brian Kifer, Dr. Lowell Stonecipher
 Crop: Corn
 Previous Crop: Soybeans
 Planted Plant Population: 36,000
 Soil Type: Bruin Silt Loam
 Fertility: 322 lbs N
 Irrigation: furrow
 Tillage Type: Minimum
 Date Planted: 3/20/13
 Date Harvested: 9/1/13

Weed Control: Roundup, Atrazine, Dual
 Insect Control:
 Disease Control:
 Misc.:

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	Dry 15.5% Wt(lbs)	Bu/A Raw	Bu/A Adjusted	Test Wt (lbs)
Stacked Hybrids:										
Armor 1262 Pro	Y	8160	15.5	240	1456.5	0.67	8160.00	217.48	217.48	56
Armor 1550 Pro	Y	8584	15.5	240	1456.5	0.67	8584.00	228.78	228.78	56
Dekalb DKC 62-08	Y	9490	15.5	240	1456.5	0.67	9490.00	252.93	252.93	56
DeKalb DKC 69-29 VT	Y	9467	15.5	240	1456.5	0.67	9467.00	252.32	252.32	56
DynaGro D55VP77	Y	9946	15.5	240	1456.5	0.67	9946.00	265.09	265.09	56
DynaGro D57VP51	Y	9193	15.5	240	1456.5	0.67	9193.00	245.02	245.02	56
Mycogen 2P886	Y	8624	15.5	240	1456.5	0.67	8624.00	229.85	229.85	56
Mycogen 2V714	Y	9009	15.5	240	1456.5	0.67	9009.00	240.11	240.11	56
Pioneer 1319HR	Y	9246	15.5	240	1456.5	0.67	9246.00	246.43	246.43	56
Pioneer 1690 YHR	Y	9417	15.5	240	1456.5	0.67	9417.00	250.99	250.99	56
Syngenta NK N74R3000 GT	Y	9267	15.5	240	1456.5	0.67	9267.00	246.99	246.99	56
Syngenta NK N78S3111	Y	9213	15.5	240	1456.5	0.67	9213.00	245.55	245.55	56
Terral REV 26HR50	Y	10321	15.5	240	1456.5	0.67	10321.00	275.08	275.08	56
Terral REV 28HR20	Y	10066	15.5	240	1456.5	0.67	10066.00	268.28	268.28	56