

---

2005

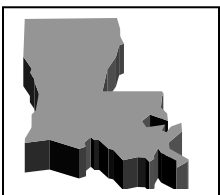
## Report on Field Demonstrations

Funded by:  
*Louisiana Soybean and Grain  
Research and Promotion Board*  
and  
*The United Soybean Board*



David Y. Lanclos, Ph.D.  
Assistant Professor/Specialist  
Soybean, Corn, and Grain Sorghum

Rob Ferguson & Donna Morgan  
Extension Associates



## Introduction

The work reported herein is intended to verify results of research by the Louisiana State University AgCenter at the farm level. These results were observed in plots initiated by the Cooperative Extension Service personnel in cooperation with growers, seed and chemical company representatives, and researchers of the Louisiana Agricultural Experiment Station. These demonstration results **ARE NOT INTENDED** to replace replicated research, but only demonstrate that what has been discovered in small plot research is applicable in farm situations.

We are indebted to industry for its support of our work by donating the seed and chemicals necessary for getting a large task completed. We are also very grateful to the Louisiana Soybean and Grain Research and Promotion Board and the United Soybean Board for their checkoff contributions which have supported this Extension program. We wish to further acknowledge donations of time, equipment, and land in addition to other resources by the producers which made this program possible.

The following LSU AgCenter personnel were involved in one or more demonstrations and/or verification fields reported herein:

Carol Pinnell-Alison, County Agent (Franklin)  
Jack Baldwin, Professor/Specialist (Entomology)  
John Barnett, Regional Director, Central  
Miles Brashier, CA (Pointe Coupee)  
Trent Clark, CA (Avoyelles)  
Keith Collins, CA (Richland)  
Barrett Courville, CA (Acadia)  
Glen Daniels, CA (Concordia)  
Terry Erwin, CA (Morehouse)  
Rob Ferguson, Extension Associate (Dean Lee Research Station)  
Jimmy Flanagan, CA (Iberia and St. Mary)  
Keith Fontenot, CA (Evangeline)  
Earnest L. Freeman, CA (Avoyelles)  
Kurt M. Guidry, Associate Professor (Ag Economics)  
Allen Hogan, CA (Jeff Davis)  
Clayton Hollier, Professor/Specialist (Pathology)  
Bob Hutchison, Regional Director, Northeast  
David Y. Lanclos, Assistant Professor/Specialist (Dean Lee Research Station)  
Michael Lavergne, CA (Beauregard)  
Harry Laws, CA (West Baton Rouge)  
Donna Lee, CA (East Carroll)  
Richard Letlow, CA (Morehouse)  
John LeVasseur, CA (Caddo)  
Steve Linscombe, Regional Director, Southwest  
Louis Lirette, CA (Iberville)  
Jere McBride, Regional Director, Northwest  
Walter Morrison, Regional Director, South Central  
David Neal, CA (Catahoula)  
Keith Normand, CA (St Landry)  
Jimmy McCann, CA (Caldwell)  
Donna Morgan, Extension Associate (Dean Lee Research Station)  
Myrl Sistrunk, CA (West Carroll)

Carlos Smith, CA (Avoyelles)  
J Stevens, Associate Professor (Soil Fertility)

# Table of Contents

---

<b>Introduction</b>	2
<b>Table of Contents</b>	4
<b>Hybrid/Variety Listings</b>	7
<b>Grain Sorghum Demonstrations</b>	
<b>Grain Sorghum Summary</b>	11
<b>Rapides Parish</b>	
Hybrid Demo	12
<b>St. Landry Parish</b>	
Hybrid Demo	13
<b>Corn Demonstrations</b>	
<b>Corn Summary</b>	14
<b>Avoyelles Parish</b>	
Hybrid Demo	15
<b>East Carroll</b>	
Hybrid Demo	16
<b>Franklin Parish</b>	
Hybrid Demo	17
<b>Madison Parish</b>	
Hybrid Demo	18
<b>Morehouse Parish</b>	
Hybrid Demo	19
Hybrid Demo	20
Hybrid Demo	21
<b>Ouachita Parish</b>	
Hybrid Demo	22
<b>Pointe Coupee Parish</b>	
Hybrid Demo	23
Hybrid Demo	24
<b>Rapides Parish</b>	
Hybrid Demo	25
Hybrid Demo	26
<b>Richland Parish</b>	
Hybrid Demo	27
Hybrid Demo	28
<b>St. Landry Parish</b>	
Hybrid Demo	29
<b>Tensas Parish</b>	
Hybrid Demo	30
Hybrid Demo	31

## Table of Contents (cont.)

---

### Soybean Demonstrations

<b>Soybean Summary</b>	32
<b>Acadia Parish</b>	
Group V Variety Demo	33
<b>Avoyelles Parish</b>	
Group V Variety Demo	34
Group VI Variety Demo	35
<b>Calcasieu Parish</b>	
Group V Variety Demo	36
<b>Concordia Parish</b>	
Group IV Variety Demo	37
<b>East Carroll Parish</b>	
Group III Variety Demo	38
Group IV Variety Demo	39
<b>Iberia Parish</b>	
Group III Variety Demo	40
Group IV Variety Demo	41
<b>Jeff Davis Parish</b>	
Group V Variety Demo	42
Group VI Variety Demo	43
<b>Morehouse Parish</b>	
Group IV Variety Demo	44
<b>Pointe Coupee Parish</b>	
Group V Variety Demo	45
<b>Rapides Parish</b>	
Group III Variety Demo	46
Group IV Variety Demo	47
Group V Variety Demo (Flat)	48
Group V Variety Demo (Raised)	49
Group VI Variety Demo	50
<b>Richland Parish</b>	
Group III Variety Demo	51
Group IV Variety Demo	52
Group IV Variety Demo	54
<b>St. Landry Parish</b>	
Group IV Variety Demo	55
Group V Variety Demo	56
<b>Tensas Parish</b>	
Group IV Variety Demo	57
<b>West Carroll Parish</b>	
Group IV Variety Demo	58

## Table of Contents (cont.)

---

### Appendix

#### Soybean

##### Concordia Parish

Evaluation of Irrigation 59

##### Jeff Davis Parish

Evaluation of Fungicide Applications 60

Disease Ratings for Variety Demonstrations 61

# Hybrid/Variety Listing

<b><u>Grain Sorghum</u></b>	12,13
Asgrow A571	13
Asgrow A603	12,13
Dyna-Gro 780B	12,13
Garst 5515	12,13
Pioneer 83G66	12,13
Terral TV9421	12,13
Terral TV96H81	12,13

<b><u>Corn</u></b>	
Adler 6400 RR	20,27
Adler 7400 RR	20,28
Adler 8020 RR	24
Adler 8220 RR	24
Croplan 691R	19,28
Croplan 818 RR2/Bt	15
Croplan 841 RR	19
Croplan 851 RR2/Bt	20,25,27,29,31
Croplan 872 RR2	29
Dekalb 60-19 Bt	31
DeKalb 61-45	21,27
DeKalb 63-52	24,31
DeKalb 63-62 RR	19,24,28
Dekalb 66-21	21
DeKalb 69-70	15
DeKalb 69-71RR2YG	15,16,17,18,19,21,22,23,24,25,26,27,28,29
DeKalb 69-72RR2	15,16,17,18,21,22,23,24,25,28,29
Dyna-Gro 5515	15,16,17,18,20,21,22,23,25,29,30
Dyna-Gro 5528Bt	15,16,17,18,21,22,23,25,29,30
Dyna-Gro 58K15	19,24,26,28,31
Dyna-Gro 58P29	27
FFR 745 BtCl	18
FFR 746RRBt	18,27
FFR 835Bt	18
FFR 842RR	18,28
FFR 843	24
FFR 886RR	18,20,24
FFR 900Bt	18,20
Garst 8200 YG1	22
Garst 8213	24
Garst 8225 BR	25,27,31
Garst 8270	25

## Hybrid/Variety Listing (cont.)

### Corn (cont.)

Garst 8287RR	19,24,26,28,31
Garst 8288	15,16,17,18,21,22,23,25,29,30
Garst 8292 YG1	15,21,22
Garst 8364 YG1/RR	21,22,25,27,28,31
Garst 8377	15
Garst 8454 YG1	21
Genesis 2A16RR	31
Mon 6704	24
NC+ 4826 BR	27
NC+ 5413R	28,31
NC+ 5423B	18,20,30
NC+ 5433 BR	27
NC+ 7190B	18,20,30
NC+ 7371RR	19,28,31
NC+ RE 740R	30
Northrup King N82-A7	22
Northrup King N83-Z8	22
Pioneer 31G66	20
Pioneer 31G68	15,16,18,21,22,23,25,29,30
Pioneer 31N26	24,28
Pioneer 31N28	21,22
Pioneer 31R87	19,24,26,28,31
Pioneer 32B29	27
Pioneer 32D99	15,16,17,18,20,21,22,23,25,29,30
Pioneer 32T22	19,24
Pioneer 33B54 BR	27
Pioneer 33R78	21,22
Pioneer 34B20	24
Pioneer 36R76	19
Terral TV 23R31	19,24,26,28,31
Terral TV 25BR23	15,16,17,18,21,22,23,25,27,29,30
Terral TV 26B34	15,16,17,18,21,22,23,25,29,30
Terral TV 26BR10n	15,16,17,18,21,22,23,25,26,29,30
Terral TV 26BR41	27
Unity 7115 Bt	20
Vigoro 58YR2 BR	27
Vigoro 61R36	28

### Soybean

Adler 462	52
Asgrow 3905	38,40,46,51

## Hybrid/Variety Listing (cont.)

### Soybean (cont.)

Asgrow 4201	39
Asgrow 4403	41
Asgrow 4801	54
Asgrow 4902	52
Asgrow 5903	33,34,42,45,48,49,56
Asgrow 6202	35,43,50
Croplan 3567	58
Croplan 4013	51
Croplan 4444	44,47
Croplan 4802	58
Croplan 4842	44,52,54
Croplan 4891	44,58
Croplan 4917	58
Croplan 4992	54
Croplan 5892	33,36,42
Croplan 5972	42
Croplan 6655	43
Croplan 6767	43
DeKalb DKB46-51	37,39,41,44,47,52,54,55,57,58
Delta King DK 3968	38,40,46,51
Delta King DK4461	37,39,41,44,47,52,54,55,57,58
Delta King DK4967	37,39,41,44,47,52,54,55,57,58
Delta King DK5161	33,34,42,45,48,49,56
Delta King DK5366	33,34,42,45,48,49,56
Deltapine 3861	38,40,46,51
Deltapine 4546	52,54
Deltapine 4724 RR	37,39,41,44,47,52,54,55,57,58
Deltapine 5634	33,34,42,45,48,49,56
Deltapine 5806	36
Dyna-Gro 3392	51
Dyna-Gro 3600	43,50
Dyna-Gro 6200	35
Dyna-Gro DG 33B52	33,34,42,45,48,49,56
Dyna-Gro DG3443NRR	37,39,41,44,47,52,54,55,57,58
Garst 3960	38,40,46,51
Garst 4612	52,54
Garst 484	53
Garst 4888RR	37,39,41,44,47,52,54,55,57,58
Garst 5812	33
MorSoy 3883	51
MorSoy 4731	58

## Hybrid/Variety Listing (cont.)

### Soybean (cont.)

MorSoy 4802	37,52,54,57
MorSoy 4993	37,52,54,57
NC+ 4N51	44,52
NC+ 4N79	44,52
NK 43B1	54
NK S49-Q9	44,54
Pioneer 93M90	38,40,51
Pioneer 94B13	51
Pioneer 94B73	37,39,41,44,47,52,54,55,57,58
Pioneer 94M70	52
Pioneer 94M80	52,54
Pioneer 94M90	33,46
Pioneer 95B96	33
Pioneer 95M30	33
Pioneer 96M20	33,36,43,50
Pioneer 96M90	35
Progeny 5822	36
Terral TV39RS31	38,40,46,51
Terral TV45R14	53
Terral TV46R15	53,54
Terral TV48R14	37,39,41,44,47,52,54,55,57,58
Terral TV49R12	33,37,39,41,44,47,52,54,55,57,58
Terral TV49R50	54
Terral TV52R14	33,34,36,42,45,48,49,56
Terral TV55R15	36
Terral TV56R12	36,42
Terral TV57R14	33,34,42,45,48,49,56
Terral TV59R14	33,34,36,42,45,48,49,56
Terral TV59R98	36,42
Terral X59R302	42
Vigoro 48N5	52
Vigoro 49N6	52

## **2005 Grain Sorghum Summary**

Approximately 100,000 acres of grain sorghum were planted in Louisiana in 2004, down 80,000 from last year. The decline in acreage was caused by a wet spring that led to a late start in planting and high fertilizer costs. Following the heavy rains, it became very dry early on, but because of grain sorghums ability to handle dry weather, yields fared well. The average yield across the state was 95 Bu/A. There were few reports of unusual weed or disease problems associated with grain sorghum production. There was some unevenness in the growth stage in many fields because of extreme drought, and certain areas of the field had less moisture available.



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principal Investigators: Dr. David Y. Lanclous, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research and Extension Center  
 Crop: Grain Sorghum  
 Previous Crop: Soybeans  
 Planted Plant Population: 75,000  
 Soil Type: Norwood silt loam  
 Fertility: 140-0-0  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 4/5/05  
 Date Harvested: 8/18/05

Weed Control: Dual II Magnum at 1.5 pts/A plus Atrazine at 2 pts/A, Layby with Atrazine at 2 pts/A and Gramoxone Max as a desiccant at 32 oz./A  
 Insect Control: Karate twice at 2.0 ounces and Mustang Max once at 4 ounces  
 Disease Control: NA

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Asgrow A571	N	2440	14.5	152	1153	0.3353	2.98	121.29	119.20		
Terral TV9421	Y	2510	14.8	152	1153	0.3353	2.98	124.77	122.19	1	
Dyna-Gro 780B	Y	2410	15.1	152	1153	0.3353	2.98	119.80	116.91	5	
Pioneer 83G66	Y	2530	16.6	152	1153	0.3353	2.98	125.77	120.56	2	
Asgrow A571	Y	2430	16.1	152	1153	0.3353	2.98	120.80	116.49	6	
Terral TV96H81	Y	2440	15.2	152	1153	0.3353	2.98	121.29	118.23	4	
Garst 5515	Y	2460	14.8	152	1153	0.3353	2.98	122.29	119.76	3	
Asgrow A571	N	2350	14.7	152	1153	0.3353	2.98	116.82	114.54		



## Cooperative Extension Crop Demonstration Report

Parish: St. Landry  
 Community: Arnaudville  
 Principal Investigators: Dr. David Y. Lanclous, Rob Ferguson, and Donna S. Morgan  
 County Agent: Keith Normand  
 Cooperator: Joey Olivier  
 Crop: Grain Sorghum  
 Previous Crop: Soybeans  
 Planted Plant Population: 80,000  
 Soil Type: Clay Loam  
 Fertility: 140-0-0  
 Irrigation: N/A  
 Tillage Type: N/A  
 Date Planted: 4/5/05  
 Date Harvested: 8/11/05  
  
 Weed Control: Atrazine at 1qt/A  
 Insect Control: N/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Pioneer 83G66	Y	3650	17.9	300	1133	0.6503	1.54	93.55	88.28	2	
Terral TV9421	Y	3500	15.3	300	1133	0.6503	1.54	89.71	87.34	4	
Terral TV96H81	Y	3530	16	300	1133	0.6503	1.54	90.48	87.36	3	
Dyna-Gro 780B	Y	3470	16.7	300	1133	0.6503	1.54	88.94	85.16	5	
Asgrow A571	Y	3300	16.9	300	1133	0.6503	1.54	84.58	80.79	6	
Garst 5515	Y	3800	16.3	300	1133	0.6503	1.54	97.40	93.70	1	
Asgrow A603	N	3200	16.1	300	1133	0.6503	1.54	82.02	79.10		

## **2005 Corn Summary**

In 2005, there were 360,000 acres of corn planted in Louisiana, with the most of the acreage being in the northeast portion of the state. Acreage was down because of high fertilizer costs and a wet spring that delayed planting. The average yield was 140 Bu/A, with a major difference between irrigated and non-irrigated fields. The southern and central portions of the state saw reduced yield due to the lack of moisture at kernel fill. The northeast portion of the state's yield was not as reduced because most of the corn acreage is irrigated there.



## Cooperative Extension Crop Demonstration Report

Parish: Avoyelles  
 Community: Bordelonville  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Dr. Carlos Smith and Trent Clark  
 Cooperator: Kent Roblin  
 Crop: Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 30,000  
 Soil Type: Sandy loam in the front and silty clay in the back  
 Fertility: 300 lbs/A 10-20-30  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 3/29/05  
 Date Harvested: 8/24/05  
  
 Weed Control: Atrazine 2qt/A, Dual 1pt/A and Roundup Original 1.5pt/A  
 Insect Control: Furadan 1.5pt/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
DeKalb 69-70	N	2560	17.9	144	1100	0.30303	3.30	150.86	145.71		
Garst 8288	Y	2840	17.5	144	1100	0.30303	3.30	167.36	162.43	8	
Pioneer 32D99	Y	2950	17.1	144	1100	0.30303	3.30	173.84	169.54	4	
Terral TV25BR23	Y	2980	16.5	144	1100	0.30303	3.30	175.61	172.51	2	
Terral TV26B34	Y	3130	17	144	1100	0.30303	3.30	184.45	180.11	1	
DeKalb 69-71RR2YG	Y	2870	16.7	144	1100	0.30303	3.30	169.13	165.74	5	
Dyna-Gro 5528Bt	Y	2760	16.5	144	1100	0.30303	3.30	162.64	159.77	9	
Dyna-Gro 5515	Y	2430	16.2	144	1100	0.30303	3.30	143.20	141.17	10	
Pioneer 31G68	Y	2990	17	144	1100	0.30303	3.30	176.20	172.05	3	
DeKalb 69-72RR	Y	2800	16	144	1100	0.30303	3.30	165.00	163.06	7	
Terral TV26BR10n	Y	2880	17.1	144	1100	0.30303	3.30	169.71	165.52	6	
DeKalb 69-70	N	2930	17.1	144	1100	0.30303	3.30	172.66	168.39		
Garst 8292	N	2520	16.4	144	1100	0.30303	3.30	148.50	146.05		
Garst 8377	N	3040	16.5	144	1100	0.30303	3.30	179.14	175.98		
DeKalb 69-70	N	2960	16.9	144	1100	0.30303	3.30	174.43	170.53		
Croplan 818RRBt	N	2670	16.5	144	1100	0.30303	3.30	157.34	154.56		



## Cooperative Extension Crop Demonstration Report

Parish: East Carroll  
 Community: Monticello  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Donna Lee  
 Cooperator: Jamie Howington  
 Crop: Corn  
 Previous Crop: Soybean  
 Planted Plant Population: 27,000  
 Soil Type: Tensas Sharkey  
 Fertility: Starter Fertilizer:3.5 gal of 10-34-0;180 units N 0-0-15 15 units sulfur  
 Irrigation: None  
 Tillage Type: Minimum Till  
 Date Planted: 4/4/05  
 Date Harvested: 8/5/05  
  
 Weed Control: BD:Touch Down at 1 to 5.6 & 2,4-D at 1 to7, Atrazine at 1/2 gal plus 1pt coc to 10 gal  
 Insect Control: Chlorpyrifos at 6.5 lbs  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 5528Bt	Y	6160	14.5	320	1552	0.95011	1.05	115.78	116.46	7	55.5
Pioneer 31G68	Y	6688	16.5	320	1550	0.94888	1.05	125.86	123.64	4	56
Terral TV26BR10n	Y	6058	14.6	320	1548	0.94766	1.06	114.15	114.69	8	57
Garst 8288	Y	6960	19.9	320	1546	0.94643	1.06	131.32	123.75	3	56
Terral TV25BR23	Y	6738	14.9	320	1545	0.94582	1.06	127.21	127.36	1	57
Dyna-Gro 5515	Y	6402	15.2	320	1540	0.94276	1.06	121.26	120.98	5	57.35
Pioneer 32D99	Y	6252	16.6	320	1530	0.93664	1.07	119.20	116.95	6	57.5
DeKalb 69-71RR2YG	Y	5482	16.3	320	1524	0.93297	1.07	104.93	103.32	10	56.5
Terral TV26B34	Y	6576	16	320	1524	0.93297	1.07	125.87	124.39	2	54.5
DeKalb 69-72RR	Y	5388	15	320	1520	0.93052	1.07	103.40	103.40	9	58



## Cooperative Extension Crop Demonstration Report

Parish: Franklin  
 Community: Jigger  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Carol Pinnell-Alison  
 Cooperator: Ricky Campbell and Ricky Campbell, Jr.  
 Crop: Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 30,000 seed/acre  
 Soil Type: Silt loam  
 Fertility: Pre-plant 20-50-60, At planting 25 lbs/A of 32% side dress 165 lb/A nitrogen  
 Irrigation: Furrow  
 Tillage Type: Minimum till, plowed once to prepare middles for irrigation  
 Date Planted: 3/19/05  
 Date Harvested: 8/15/05  
  
 Weed Control: Burn down; Atrazine 1.0 lb/A at planting on 20" band  
 Atrazine 1.0 lb/A layby  
 Insect Control: At planting Aztec 5.8 lb/A; Assna 2 qt/40 acres acres  
 Methyl .5 lb/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 5528Bt	Y	4990	15.8	228	1197	0.52211	1.92	170.67	169.06	2	
DeKalb 69-71RR2YG	Y	4610	16.3	228	1196	0.52167	1.92	157.80	155.39	4	
Pioneer 32D99	Y	5030	16.5	228	1195	0.52124	1.92	172.32	169.28	1	
Terral TV26BR10n	Y	4110	15.9	228	1194	0.5208	1.92	140.92	139.43	9	
Dyna-Gro 5515	Y	4350	15.1	228	1193	0.52036	1.92	149.28	149.10	6	
Pioneer 31G68	Y	4310	15.5	228	1192	0.51993	1.92	148.03	147.16	8	
DeKalb 69-72RR	Y	4060	15.8	228	1191	0.51949	1.92	139.56	138.25	10	
Terral TV25BR23	Y	4430	16.1	228	1190	0.51905	1.93	152.41	150.43	5	
Garst 8288	Y	4400	16.5	228	1189	0.51862	1.93	151.50	148.83	7	
Terral TV26BR34	Y	4900	16.7	228	1188	0.51818	1.93	168.86	165.48	3	



## Cooperative Extension Crop Demonstration Report

Parish: Madison  
 Community: Mound  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Mike Rome  
 Cooperator: Curt Collins  
 Crop: Corn  
 Previous Crop: Corn  
 Planted Plant Population: 30,000  
 Soil Type: Sharkey Clay Complex  
 Fertility: Starter 11-37-00 and 05 of S and 180N with Asset  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 3/31/05  
 Date Harvested: 8/15/05  
  
 Weed Control: Atrazine 2.2 lb. Burndown with Valor and 2-4,D in February  
 Insect Control: N/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
DeKalb 69-72RR	Y	12655	19.5	304	2583	1.5	0.67	150.43	142.47	9	
Dyna-Gro 5528Bt	Y	13802	14.9	304	2583	1.5	0.67	164.07	164.26	3	
Pioneer 31G68	Y	12284	16	304	2583	1.5	0.67	146.02	144.31	8	
Terral TV26BR10n	Y	12204	15.1	304	2583	1.5	0.67	145.07	144.90	7	
Terral TV26B34	Y	14214	16.5	304	2583	1.5	0.67	168.97	165.98	2	
Garst 8288	Y	10198	17.6	304	2583	1.5	0.67	121.23	117.52	10	
Terral TV25BR23	Y	13539	17.3	304	2583	1.5	0.67	160.94	156.59	6	
DeKalb 69-71RR2YG	Y	14663	17.8	304	2755	1.6	0.62	163.42	158.04	5	
Dyna-Gro 5515	Y	14629	16.9	304	2755	1.6	0.62	163.04	159.40	4	
Pioneer 32D99	Y	16784	19	304	2755	1.6	0.62	187.06	178.26	1	
NCT 7190B	N	12423	16	304	2755	1.6	0.62	138.46	136.83		
NCT 5423B	N	12942	15.7	304	2755	1.6	0.62	144.24	143.05		
FFR 746RRBt	N	11696	16.2	304	2755	1.6	0.62	130.35	128.51		
FFR 842RR	N	12697	16.8	304	2755	1.6	0.62	141.51	138.51		
FFR 745 BtCl	N	13417	17	304	2755	1.6	0.62	149.53	146.02		
FFR 835Bt	N	15392	15.3	304	2755	1.6	0.62	171.55	170.94		
FFR 886RR	N	14307	19.3	304	2755	1.6	0.62	159.45	151.39		
FFR 900Bt	N	11696	15.8	304	2755	1.6	0.62	130.35	129.13		



## Cooperative Extension Crop Demonstration Report

Parish: Morehouse  
 Community: Collinston  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Terry Erwin/Richard Letlow  
 Cooperator: Harper Armstrong  
 Crop: Roundup Ready Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 27,000  
 Soil Type: Silt Loam  
 Fertility: Unknown  
 Irrigation: Yes  
 Tillage Type: Minimum  
 Date Planted: 3/30/05  
 Date Harvested: 9/7/05  
  
 Weed Control: Atrazine  
 Insect Control: Ammo 1 gal to 80  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Garst 8287RR	Y	6037	12.8	304	1116	0.64904	1.54	166.10	170.40	1	
Terral TV23R31	Y	5276	12.8	304	1104	0.64206	1.56	146.74	150.54	3	
Dyna-Gro 58K15	Y	5271	12.8	304	1014	0.58972	1.70	159.61	163.74	2	
Pioneer 31R87	Y	4580	13.1	304	1041	0.60542	1.65	135.09	138.11	5	
DeKalb 69-71RR2YG	Y	4847	12.8	304	1041	0.60542	1.65	142.97	146.67	4	
NC+ 7371RR	N	4356	12.8	304	939	0.5461	1.83	142.44	146.13		
Croplan 841 RR	N	4534	12.8	304	891	0.51818	1.93	156.25	160.29		
Pioneer 36R76	N	3570	12.8	304	825	0.4798	2.08	132.87	136.31		
Pioneer 32T22	N	3561	12.8	304	708	0.41175	2.43	154.44	158.43		
DeKalb 63-62 RR	N	3786	12.8	304	717	0.41699	2.40	162.13	166.33		
Croplan 691 RR	N	3688	12.8	304	711	0.4135	2.42	159.27	163.39		



## Cooperative Extension Crop Demonstration Report

Parish: Morehouse  
 Community: Mer Rouge  
 Principal Investigators: Terry Erwin and Richard Letlow  
 County Agent: Terry Erwin and Richard Letlow  
 Cooperator: Antwain Downs  
 Crop: Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 27,000 seed/acre  
 Soil Type: Silt Loam  
 Fertility: 210 lb N  
 Irrigation: Yes  
 Tillage Type: Minimum Till  
 Date Planted: 03/26/05  
 Date Harvested: 08/19/05  
  
 Weed Control: Dual Extra at 1 pint/A  
 Insect Control: Lorsban at 7 lb/A and Ammo at 1 gal to 90 A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Croplan 851 RR/Bt	N	13561	14.2	608	1210	1.40741	0.71	172.06	173.68		
NC+ 7190 B	N	12095	13.5	608	1210	1.40741	0.71	153.46	156.17		
NC+ 5423 B	N	13404	14.1	608	1210	1.40741	0.71	170.07	171.87		
Adler 7400 RR	N	11272	14.4	608	1210	1.40741	0.71	143.02	144.03		
Adler 6400 RR	N	13414	13.5	608	1210	1.40741	0.71	170.20	173.20		
FFR 900 Bt	N	14836	13.1	608	1210	1.40741	0.71	188.24	192.45		
FFR 886 RR	N	14713	13.1	608	1210	1.40741	0.71	186.68	190.85		
Pioneer 31G66	N	13280	13.5	608	1210	1.40741	0.71	168.50	171.47		
Pioneer 32D99	N	12825	14.6	608	1210	1.40741	0.71	162.72	163.49		
Dyna-Gro 5515	N	11586	13.1	608	1210	1.40741	0.71	147.00	150.29		
Unity 7115 Bt	N	13946	13.7	608	1210	1.40741	0.71	176.95	179.65		



## Cooperative Extension Crop Demonstration Report

Parish: Morehouse  
 Community: Bonita  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Richard Letlow and Terry Erwin  
 Cooperator: Jason & Justin Stutts  
 Crop: Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 28 to 32,000  
 Soil Type: Silt Loam  
 Fertility: 5gal/A 10-34-0  
 Irrigation: Yes  
 Tillage Type: Conventional  
 Date Planted: 4/4/05  
 Date Harvested: 8/31/05  
  
 Weed Control: Dual II 11/2pints/A  
 Insect Control: Ammo 1 to 80  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Garst 8288	Y	7922	16.3	456	891	0.777273	1.29	182.00	179.22	6	58
Terral TV26BR10n	Y	3456	15.5	228	894	0.389945	2.56	158.26	157.33	10	59
Pioneer 31G68	Y	4064	15.2	228	900	0.392562	2.55	184.87	184.43	5	58
DeKalb 69-71RR2YG	Y	3938	15.1	228	909	0.396488	2.52	177.36	177.15	7	56
Terral TV25BR23	Y	3954	17.3	228	915	0.399105	2.51	176.91	172.13	8	59
Dyna-Gro 5515	Y	3826	15.1	228	909	0.396488	2.52	172.32	172.11	9	57
Dyna-Gro 5528Bt	Y	4114	15	228	906	0.395179	2.53	185.90	185.90	4	56
Pioneer 32D99	Y	4272	15.1	228	888	0.387328	2.58	196.95	196.72	2	58
Terral TV26B34	Y	4280	15.3	228	876	0.382094	2.62	200.03	199.32	1	59
DeKalb 69-72RR	Y	3962	15.6	228	861	0.375551	2.66	188.39	187.06	3	58
Pioneer 33R78	N	3856	15.3	228	840	0.366391	2.73	187.93	187.27		58
Pioneer 31N28	N	4002	15.2	228	825	0.359848	2.78	198.60	198.13		59
DeKalb 61-45	N	3174	14.8	228	807	0.351997	2.84	161.02	161.40		58
Dekalb 66-21	N	3480	15.1	228	786	0.342837	2.92	181.26	181.05		59
Garst 8364 YG1/RR	N	3372	15.1	228	771	0.336295	2.97	179.05	178.84		60
Garst 8292 YG1	N	3408	15.5	228	753	0.328444	3.04	185.29	184.20		57
Garst 8454 YG1	N	3280	15.1	228	741	0.323209	3.09	181.22	181.01		58



## Cooperative Extension Crop Demonstration Report

Parish: Ouachita  
 Community: Bosco  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Richard Letlow and Jim McCann  
 Cooperator: Tripp Faulk  
 Crop: Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 28- 32000  
 Soil Type: Silt Loam  
 Fertility: 200-70-60  
 Irrigation: Yes, 7 times  
 Tillage Type: Minimum Till  
 Date Planted: 4/5/05  
 Date Harvested: 9/2/05  
  
 Weed Control: Dual II at 1.5 pt/A  
 Insect Control: Lorsban at 1lb ai/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
DeKalb 69-72RR	Y	7030	16.9	304	1125	0.65427	1.53	191.87	187.58	4	
Garst 8288	Y	6998	16.9	304	1125	0.65427	1.53	191.00	186.73	5	
Terral TV 26B34	Y	6740	16.7	304	1125	0.65427	1.53	183.96	180.28	9	
DeKalb 69-71RR2YG	Y	7214	16.6	304	1125	0.65427	1.53	196.89	193.19	3	
Terral TV 25BR23	Y	6668	16.8	304	1125	0.65427	1.53	181.99	178.14	10	
Pioneer 31G68	Y	7340	16.8	304	1125	0.65427	1.53	200.33	196.09	2	
Pioneer 32D99	Y	7704	16.8	304	1125	0.65427	1.53	210.27	205.81	1	
Terral TV 26BR10n	Y	6794	16.7	304	1125	0.65427	1.53	185.43	181.72	8	
Dyna-Gro 5528Bt	Y	6922	16.5	304	1125	0.65427	1.53	188.92	185.59	6	
Dyna-Gro 5515	Y	6868	16.5	304	1125	0.65427	1.53	187.45	184.14	7	
Northrup King N82-A7	N	6516	16.6	304	1125	0.65427	1.53	177.84	174.50		
Northrup King N83-Z8	N	6918	16.5	304	1125	0.65427	1.53	188.81	185.48		
Garst 8364 YG1 RR	N	7030	16.5	304	1125	0.65427	1.53	191.87	188.49		
Garst 8292 YG1	N	7332	16.5	304	1125	0.65427	1.53	200.11	196.58		
Garst 8200 YG1	N	5594	16.4	304	1125	0.65427	1.53	152.68	150.16		
Pioneer 31N28	N	7430	16.4	304	1125	0.65427	1.53	202.79	199.45		
Pioneer 33R78	N	7002	16.4	304	1125	0.65427	1.53	191.11	187.96		



## Cooperative Extension Crop Demonstration Report

Parish: Pt. Coupee/WBR  
 Community: McCreas  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Miles Brashier/Harry Laws  
 Cooperator: George Lacour  
 Crop: Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 28,000  
 Soil Type: Mixed Silt  
 Fertility: 11-37-0, 5 gallons plus 200 N/40P-60K  
 Irrigation: N/A  
 Tillage Type: Minimum Tillage  
 Date Planted: 3/9/05  
 Date Harvested: 8/2/05  
  
 Weed Control: 2 quarts Atrazine + 1.5 quarts Dual + Roundup Burndown  
 Insect Control: 4.4 ounces of Capture  
 Disease Control: N/A

Note: Harvest with combine yield monitor

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 5515	Y		16.5			0.234			192.3	4	59
DeKalb 69-72RR	Y		16.5			0.232			215.5	1	59
Pioneer 31G68	Y		16.6			0.233			193.1	3	60
Pioneer 32D99	Y		16.8			0.23			147.8	10	57
Garst 8288	Y		17			0.225			173.3	5	60
DeKalb 69-71RR2YG	Y		16.9			0.229			196.5	2	59
Dyna-Gro 5528Bt	Y		16.9			0.232			150.8	9	59
Terral TV 26B34	Y		16.9			0.232			168.1	6	57
Terral TV 26BR10n	Y		17			0.231			153.8	8	59
Terral TV 25BR23	Y		16.8			0.229			161.5	7	55



## Cooperative Extension Crop Demonstration Report

Parish: Pt. Coupee/WBR  
 Community: Erwinville  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Miles Brashier/Harry Laws/Louis Lirette  
 Cooperator: Schexnayder Farms, Ray, Donald, Danny  
 Crop: Roundup Ready Corn  
 Previous Crop: Soybeans  
 Planted Plant Population: 30,000  
 Soil Type: Clay  
 Fertility: Popup 11-37-0 plus 190N-30-00-02, 1lb boron  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 4/5/05  
 Date Harvested: 8/23/05  
  
 Weed Control: Atrazine 2.2 qts. Dual Magnum 2pts. Roundup 1 qt  
 Insect Control: Capture  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
DeKalb 69-71RR2YG	Y	10592	16	288	1896	1.04463	0.96	181.06	178.93	4	
Garst 8287RR	Y	5500	16.3	144	1896	0.52231	1.91	188.04	185.16	2	
Terral TV 23R31	Y	5050	15.6	144	1896	0.52231	1.91	172.65	171.43	5	
Pioneer 31R87	Y	5660	16.4	144	1896	0.52231	1.91	193.51	190.32	1	
DynaGro 58K15	Y	5400	15.6	144	1896	0.52231	1.91	184.62	183.31	3	
DeKalb 63-52	N	5630	15.1	144	1896	0.52231	1.91	192.48	192.25		
Pioneer 31N26	N	5370	15.8	144	1896	0.52231	1.91	183.59	181.86		
DeKalb 69-72RR2	N	5030	16.2	144	1896	0.52231	1.91	171.97	169.54		
Pioneer 34B20	N	5580	15.7	144	1896	0.52231	1.91	190.77	189.20		
Mon 6704	N	5280	15.9	144	1896	0.52231	1.91	180.52	178.60		
Adler 8020 RR	N	5780	15.5	144	1896	0.52231	1.91	197.61	196.45		
DeKalb 63-62RR	N	5680	15.6	144	1896	0.52231	1.91	194.19	192.82		
Adler 8220 RR	N	5710	15.8	144	1896	0.52231	1.91	195.22	193.38		
Pioneer 32T22	N	5110	15.6	144	1896	0.52231	1.91	174.70	173.47		
FFR 843	N	4550	16	144	1896	0.52231	1.91	155.56	153.73		
Garst 8213	N	5330	15.8	144	1896	0.52231	1.91	182.22	180.51		
FFR 886	N	4890	16.2	144	1896	0.52231	1.91	167.18	164.82		
Twin Rows Check 69-71	N	11,110	15.9	288	1896	1.04463	0.96	189.92	187.91		



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research Station  
 Crop: Corn  
 Previous Crop: Soybeans  
 Planted Plant Population: 28,000 per acre  
 Soil Type: Norwood Silt Loam  
 Fertility: 200 lbs. N  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 4/4/05  
 Date Harvested: 8/29/05  
  
 Weed Control: Burndown: Touchdown 24oz/A, Layby: Atrazine 32oz/A  
 Insect Control: Methyl 21.5 oz/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 5515	N	1890	15.3	152	738	0.2146	4.66	157.27	156.71		
DeKalb 69-71RR2YG	Y	1810	14.8	152	738	0.2146	4.66	150.61	150.97	5	
DeKalb 69-72RR	Y	1930	14.9	152	738	0.2146	4.66	160.60	160.79	2,3	
Pioneer 32D99	Y	1900	15	152	738	0.2146	4.66	158.10	158.10	4	
Dyna-Gro 5515	Y	1740	15	152	738	0.2146	4.66	144.79	144.79	8	
Terral TV 26BR10n	Y	1620	14.9	152	738	0.2146	4.66	134.80	134.96	10	
Terral TV 26B34	Y	2030	14.8	152	738	0.2146	4.66	168.92	169.32	1	
Garst 8288	Y	1800	15.1	152	738	0.2146	4.66	149.78	149.60	7	
Dyna-Gro 5528Bt	Y	1710	14.7	152	738	0.2146	4.66	142.29	142.79	9	
Pioneer 31G68	Y	1800	14.9	152	738	0.2146	4.66	149.78	149.96	6	
Terral TV 25BR23	Y	1930	14.9	152	738	0.2146	4.66	160.60	160.79	2,3	
Garst 8270	N	1860	14.9	152	738	0.2146	4.66	154.77	154.95		
Garst 8225	N	1860	15.1	152	738	0.2146	4.66	154.77	154.59		
Garst 8364	N	1860	15.1	152	738	0.2146	4.66	154.77	154.59		
Croplan 851RR2/Bt	N	1970	15.9	152	738	0.2146	4.66	163.93	162.19		
Dyna-Gro 5515	N	1870	15.7	152	738	0.2146	4.66	155.60	154.32		



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research Station  
 Crop: Roundup Ready Corn  
 Previous Crop: Soybeans  
 Planted Plant Population: 28,000 per acre  
 Soil Type: Norwood Silt Loam  
 Fertility: 200lbs. N  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 4/4/05  
 Date Harvested: 8/29/05  
  
 Weed Control: Burndown: Touchdown 24oz/A, Layby: Atrazine 32oz/A  
 Insect Control: Methyl 21.5 oz/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Terral TV 26BR10n	N	3530	15.7	304	788	0.45828	2.18	137.55	136.42		
DeKalb 69-71RR2YG	Y	4010	15.6	304	788	0.45828	2.18	156.25	155.15	2	
Pioneer 31R87	Y	3980	16.3	304	788	0.45828	2.18	155.08	152.71	3	
Terral TV 23R31	Y	3690	16.3	304	788	0.45828	2.18	143.78	141.58	5	
Garst 8287RR	Y	4040	16	304	788	0.45828	2.18	157.42	155.57	1	
Dyna-Gro 58K15	Y	3770	15.6	304	788	0.45828	2.18	146.90	145.86	4	
Terral TV 26BR10n	N	3440	15.3	304	788	0.45828	2.18	134.04	133.57		



## Cooperative Extension Crop Demonstration Report

Parish: Richland  
 Community: Goldmine  
 Principal Investigators: Keith Collins  
 County Agent: Keith Collins  
 Cooperator: Goldmine Plantation  
 Crop: Corn  
 Previous Crop: Corn  
 Planted Plant Population: 29,000  
 Soil Type: Gilbert Silt Loam  
 Fertility: 180 lbs N, 0-60-50  
 Irrigation: Furrow  
 Tillage Type: Spring Stale Bed  
 Date Planted: 3/25/05  
 Date Harvested: 8/15/05  
  
 Weed Control: Atrazine + Dual Pre, 1qt Roundup, Atrazine layby  
 Insect Control: Lorsban in furrow at planting  
 Disease Control: N/A

Note: This is a "stacked" gene test

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Vigoro 58YR2 BR	N	9210	19	608	674	0.78396	1.28	209.79	199.91	2	56
Adler 6400 BR	N	8208	16.4	608	651	0.75721	1.32	193.57	190.38	4	54
FFR 746 BR	N	7290	15.7	608	696	0.80955	1.24	160.80	159.48	13	57
Dekalb 69-71BR	N	8124	16.5	608	741	0.86189	1.16	168.32	165.35	11	58
Pioneer 33B54 BR	N	7292	15.2	608	759	0.88283	1.13	147.50	147.15	15	58
Terral TV 25BR23	N	8194	15.1	608	765	0.88981	1.12	164.44	164.25	12	58
Croplan 851 BR	N	8688	15.1	608	783	0.91074	1.10	170.35	170.15	10	55
NC+ 4826 BR	N	8178	15.1	608	801	0.93168	1.07	156.74	156.56	14	56
Garst 8225 BR	N	9078	15	608	810	0.94215	1.06	172.06	172.06	9	56
Dyna-Gro 58P29	N	9450	16	608	816	0.94913	1.05	177.79	175.70	8	55
Dekalb 61-45 BR	N	9646	15.3	608	816	0.94913	1.05	181.48	180.84	7	57
Garst 8364 BR	N	9854	15.1	608	816	0.94913	1.05	185.40	185.18	6	57
Terral TV 26BR41	N	10804	15	608	822	0.95611	1.05	201.79	201.79	1	57
NC+ 5433 BR	N	10620	16	608	828	0.96309	1.04	196.91	194.60	3	57
Pioneer 32B29	N	10096	14.4	608	831	0.96657	1.03	186.52	187.84	5	59



## Cooperative Extension Crop Demonstration Report

Parish: Richland  
 Community: Snake Ridge  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Keith Collins  
 Cooperator: Jerry Pierce  
 Crop: Roundup Ready Corn  
 Previous Crop: Corn  
 Planted Plant Population: 30,000  
 Soil Type: Silt Loam  
 Fertility: 30-40-60 preplant, 180-0-0-2(S)  
 Irrigation: Furrow  
 Tillage Type: Reduced Tillage  
 Date Planted: 3/31/05  
 Date Harvested: 8/23/05  
  
 Weed Control: Roundup+Atrazine early post, Roundup late post  
 Insect Control: Methyl  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 58K15	Y	7820	12.6	608	885	1.02938	0.97	135.66	139.49	5	57
Pioneer 31R87	Y	8465	13.6	608	885	1.02938	0.97	146.85	149.26	3	58
DeKalb 69-71RR2YG	Y	8830	14.6	608	873	1.01543	0.98	155.28	156.01	1	58
Terral TV 23R31	Y	7955	14.2	608	864	1.00496	1.00	141.35	142.68	4	58
Garst 8287RR	Y	8630	14.5	608	858	0.99798	1.00	154.42	155.33	2	55
FFR 842	N	7745	14.1	608	861	1.00147	1.00	138.10	139.56		53
Vigoro 61R36	N	7640	14.1	608	870	1.01194	0.99	134.82	136.25		60
Dekalb 69-72RR2	N	8210	12.9	608	885	1.02938	0.97	142.42	145.94		57
Dekalb 63-62	N	8130	13.6	608	885	1.02938	0.97	141.03	143.36		58
Croplan 691R	N	6345	13.8	608	885	1.02938	0.97	110.07	111.62		54
Adler 7400	N	5820	14.8	608	894	1.03985	0.96	99.95	100.18		55
NC+ 737	N	6760	14.6	608	897	1.04334	0.96	115.70	116.24		59
Pioneer 31N26	N	7230	14.2	608	915	1.06428	0.94	121.31	122.45		59
Garst 8364	N	7415	13.2	608	909	1.0573	0.95	125.23	127.89		58
NC+ 5413	N	5765	14.4	608	909	1.0573	0.95	97.37	98.05		56



## Cooperative Extension Crop Demonstration Report

Parish: St. Landry  
 Community: Melville  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Keith Normand  
 Cooperator: Charles Cannatella  
 Crop: Corn  
 Previous Crop: Soybeans  
 Planted Plant Population: 28,000  
 Soil Type: Sandy Loam  
 Fertility: 190-40-60  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 4/8/05  
 Date Harvested: 8/30/05  
  
 Weed Control: 2 qt Bicep  
 Insect Control: Capture  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Garst 8288	Y	3370	16.1	288	500	0.27548	3.63	218.45	215.62		
Pioneer 31G68	Y	3660	16.4	288	500	0.27548	3.63	237.25	233.34		
DeKalb 69-72RR	Y	Scratched Due to Lodging				0					
Terral TV 25BR23	Y	Scratched Due to Lodging				0					
Pioneer 32D99	Y	2980	16.2	288	480	0.26446	3.78	201.22	198.38		
Dyna-Gro 5528Bt	Y	2930	15.6	288	500	0.27548	3.63	189.93	188.59		
Terral TV 26B34	Y	3300	15.5	288	500	0.27548	3.63	213.91	212.65		
Dyna-Gro 5515	Y	3140	15.5	288	500	0.27548	3.63	203.54	202.34		
DeKalb 69-71RR2YG	Y	3270	15.9	288	500	0.27548	3.63	211.97	209.72		
Terral TV 26BR10n	Y	2630	16.1	288	500	0.27548	3.63	170.48	168.27		
Cropland 851 RR2/BT	N	3200	15.9	288	500	0.27548	3.63	207.43	205.23		
Cropland 872 RR2	N	2870	16.4	288	500	0.27548	3.63	186.04	182.97		
Pioneer 32D99	N	1540	15.6	288	250	0.13774	7.26	199.65	198.24		



## Cooperative Extension Crop Demonstration Report

Parish: Tensas  
 Community: St. Joseph  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Robert Goodson  
 Cooperator: Steve Vinson  
 Crop: Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 30,000  
 Soil Type: Tensas Alligator Clay  
 Fertility: 180 lbs N  
 Irrigation: N/A  
 Tillage Type: Fall stale bed  
 Date Planted: 3/31/05  
 Date Harvested: 8/15/05  
  
 Weed Control: Atrazine  
 Insect Control: N/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Pioneer 31G68	Y	8460	16.8	608	850	0.98867	1.01	152.80	149.57		
Terral TV 26BR10n	Y	7490	15.7	608	1085	1.26201	0.79	105.98	105.11		
Dyna-Gro 5528Bt	Y	7680	15.9	608	946	1.10034	0.91	124.64	123.32		
Garst 8288	Y	6450	16.1	608	980	1.13988	0.88	101.04	99.74		
Pioneer 32D99	Y	7680	16.1	608	860	1.00031	1.00	137.10	135.33		
Terral TV 25BR23	Y	9590	16.3	608	1085	1.26201	0.79	135.70	133.62		
Terral TV 26B34	Y	8910	16.5	608	860	1.00031	1.00	159.06	156.25		
Dyna-Gro 5515	Y	7270	15.5	608	860	1.00031	1.00	129.78	129.02		
NC+ 5423B	N	8240	16	608	860	1.00031	1.00	147.10	145.37		
NC+ RE 740R	N	6320	16.2	608	825	0.9596	1.04	117.61	115.95		
NC+ 7190B	N	6190	16.3	608	860	1.00031	1.00	110.50	108.81		



## Cooperative Extension Crop Demonstration Report

Parish: Tensas  
 Community: Locus Ridge  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Robert Goodson  
 Cooperator: Lawrence Perritt  
 Crop: Roundup Ready Corn  
 Previous Crop: Cotton  
 Planted Plant Population: 30,000  
 Soil Type: Tensas Alligator Dundee  
 Fertility: 170 units N  
 Irrigation: N/A  
 Tillage Type: Stale Bed  
 Date Planted: 4/4/05  
 Date Harvested: 8/17/05  
  
 Weed Control: Roundup 1 qt burndown, 1 qt early post  
 Insect Control: N/A  
 Disease Control: N/A

Hybrid Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Garst 8287RR	Y	9980	15.3	608	1010	1.17478	0.85	151.70	151.16		
Pioneer 31R87	Y	9270	14.9	608	735	0.85491	1.17	193.63	193.86		
DeKalb 63-62	N	8540	14	608	767	0.89213	1.12	170.94	172.95		
Dyna-Gro 58K15	Y	9776	13.9	608	735	0.85491	1.17	204.20	206.84		
Terral TV 23R31	Y	8293	16.1	608	715	0.83165	1.20	178.07	175.76		
NC+ 7371R	N	7440	15.6	608	700	0.8142	1.23	163.17	162.02		
Garst 8364	N	9170	14.9	608	715	0.83165	1.20	196.90	197.13		
Garst 8225	N	9373	15.3	608	735	0.85491	1.17	195.78	195.09		
Croplan 851Bt RR	N	9656	13.9	608	735	0.85491	1.17	201.69	204.30		
Dekalb 60-19 Bt	N	6565	13.9	608	677	0.78745	1.27	148.88	150.80		
NC+ 5413R	N	5843	14.1	608	600	0.69789	1.43	149.51	151.09		
Genesis 2A16RR	N	11958	15	608	1010	1.17478	0.85	181.77	181.77		

## **2005 Soybean Summary**

Approximately 920,000 acres of soybeans were planted in Louisiana in 2005. Around 60% of the total acres planted were in maturity group III and IVs. The remaining 40% were V and IVs. Soybean yields averaged 35 Bu/A across the state, a state yield record. Soybeans harvested late in the season had reduced yields caused by dry conditions.

The biggest problems producers faced besides the drought late in the season were cercospera and the red banded stink bug. These issues were handled by proper chemical applications. There were a large number of green bean acres caused by drought stress.



## Cooperative Extension Crop Demonstration Report

Parish: Acadia  
 Community: Morse  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Barrett Courville  
 Cooperator: Glenn Simon  
 Crop: Soybeans  
 Previous Crop: Rice  
 Planted Plant Population: 5 per foot  
 Soil Type: Silt loam  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: 30" raised beds. Conventional tillage.  
 Date Planted: 6/13/05  
 Date Harvested: 10/10/05  
  
 Weed Control: One application RoundUp.  
 Insect Control: N/A  
 Disease Control: 4 oz. Quadris and 1/2 lb. Topsin

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 33B52	Y	718	14.1	720	331	0.4559	2.19	26.25	25.92	7	
Terral TV59R14	Y	940	14.2	720	330	0.4545	2.20	34.47	33.99	2	
Delta King DK5366	Y	670	14.4	720	330	0.4545	2.20	24.57	24.17	8	
Terral TV52R14	Y	766	14.3	720	310	0.427	2.34	29.90	29.45	4	
Deltapine 5634 RR	Y	726	14.2	720	291	0.4008	2.49	30.19	29.77	3	
Asgrow AG5903	Y	700	13.8	720	287	0.3953	2.53	29.51	29.24	5	
Delta King DK5161	Y	652	14.1	720	282	0.3884	2.57	27.98	27.62	6	
Terral TV57R14	Y	714	14	720	266	0.3664	2.73	32.48	32.11	1	
Terral TV49R12	N	758	15.2	720	340	0.4683	2.14	26.98	26.29		
Pioneer 94M90	N	738	13.8	720	338	0.4656	2.15	26.42	26.18		
Pioneer 95M30	N	528	13.9	720	265	0.365	2.74	24.11	23.86		
Garst 5812	N	672	14.6	720	242	0.3333	3.00	33.60	32.98		
Pioneer 95B96	N	786	13.4	720	239	0.3292	3.04	39.79	39.61		
Croplan 5892	N	618	13.9	720	233	0.3209	3.12	32.09	31.76		
Pioneer 96M20	N	680	13.9	720	229	0.3154	3.17	35.93	35.56		

The plot was harvested after the hurricane. Quality for all varieties was very good.



## Cooperative Extension Crop Demonstration Report

Parish: Avoyelles  
 Community: Hamburg  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Carlos Smith and Trent Clark  
 Cooperator: Tommy Laborde  
 Crop: Soybeans MG5  
 Previous Crop: Cotton  
 Planted Plant Population: 130,000  
 Soil Type: Silty Clay  
 Fertility: N/a  
 Irrigation: N/A  
 Tillage Type: Conventional, 36" rows  
 Date Planted: 6/10/05  
 Date Harvested: 10/7/05  
  
 Weed Control: 3 applications of RoundUp  
 Insect Control: 1 application of Bracket 90  
 Disease Control: 1 application of Headline at 5oz + 1/2lb of Topsin-M

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Terral TV52R14	Yes	970	12.3	288	1228	0.6766	1.48	23.89	24.09	1	
Delta King DK 5366	Yes	810	12.5	288	1228	0.6766	1.48	19.95	20.07	6	
Deltapine 5634 RR	Yes	780	12.8	288	1228	0.6766	1.48	19.21	19.26	7	
Terral TV59R14	Yes	850	12.8	288	1228	0.6766	1.48	20.94	20.99	5	
Dyna-Gro 33B52	Yes	870	12.6	288	1228	0.6766	1.48	21.43	21.53	2	
Asgrow 5903	Yes	860	12.5	288	1228	0.6766	1.48	21.18	21.31	3	
Terral TV57R14	Yes	760	12.7	288	1228	0.6766	1.48	18.72	18.79	8	
Delta King DK5161	Yes	850	12.7	288	1228	0.6766	1.48	20.94	21.01	4	



## Cooperative Extension Crop Demonstration Report

Parish: Avoyelles  
 Community: Hamburg  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Carlos Smith and Trent Clark  
 Cooperator: J.K. Bordelon  
 Crop: Soybeans MG6  
 Previous Crop: Soybeans MG6  
 Planted Plant Population: 143,000  
 Soil Type: Silty Clay  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Conventional, 38" rows  
 Date Planted: 6/4/05  
 Date Harvested: 10/7/05  
  
 Weed Control: RoundUp 2 times  
 Insect Control: Orthene 2 times, first application .8lbs and second application 1.0lbs  
 Disease Control: Quadris at 6.2oz.

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Asgrow 6202	Yes	1830	12.8	304	1328	0.7723	1.29	39.49	39.58	3	
Dyna-Gro 6200	Yes	1940	13	304	1328	0.7723	1.29	41.86	41.86	1	
Pioneer 96M90	Yes	1900	13	304	1328	0.7723	1.29	41.00	41.00	2	



## Cooperative Extension Crop Demonstration Report

Parish: Calcasieu  
 Community: Big Woods-Starks  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Allen Hogan  
 Cooperator: Rauser Bros.-4R Farm  
 Crop: Soybean  
 Previous Crop: Rice  
 Planted Plant Population: 175,000  
 Soil Type: Very fine sandy loam  
 Fertility: 0-40-80  
 Irrigation: N/A  
 Tillage Type: Conventional 7 1/2" drill  
 Date Planted: 5/12/05  
 Date Harvested: 10/13/05  
  
 Weed Control: RoundUp  
 Insect Control: N/A  
 Disease Control: Quadris

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Deltapine 5806	No			480	400	0.3673	2.72		37.00		
Croplan 5892	No			480	400	0.3673	2.72		16.00		
Terral TV59R98	No			480	400	0.3673	2.72		20.00		
Progeny 5822	No			480	400	0.3673	2.72		24.00		
Terral TV52R14	No			480	400	0.3673	2.72		29.00		
Pioneer 96M20	No			480	400	0.3673	2.72		32.00		
Terral TV55R15	No			480	400	0.3673	2.72		28.00		
Terral TV56R12	No			480	400	0.3673	2.72		24.00		
Terral TV59R14	No			480	400	0.3673	2.72		32.00		



## Cooperative Extension Crop Demonstration Report

Parish: Concordia  
 Community: Vidalia  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Glen Daniels  
 Cooperator: Wayne Roberts and Cecil Parker  
 Crop: Soybeans  
 Previous Crop: Soybeans  
 Planted Plant Population: 7 seeds/ft  
 Soil Type: Heavy Clay  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Stale bed  
 Date Planted: 4/21/05  
 Date Harvested: 8/26/05  
  
 Weed Control: RoundUp 22oz./A + Harmony Extra .5oz./A, 2 shots of RoundUp @ 22oz./A  
 Insect Control: N/A  
 Disease Control: Headline @ 6oz./A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Terral TV49R12	Y	907	10.9	285	582	0.3173	3.15	47.64	48.79	1	55
Garst 4888RR	Y	687	10.4	285	551	0.3004	3.33	38.11	39.25	8	56
Delta King DK4967	Y	815	10.5	285	554	0.3021	3.31	44.97	46.26	3	56
DeKalb DKB46-51	Y	864	11.2	285	556	0.3031	3.30	47.50	48.48	2	56
Terral TV48R14	Y	753	11.2	285	558	0.3042	3.29	41.25	42.10	7	57
Deltapine 4724 RR	Y	813	10.2	285	567	0.3091	3.23	43.83	45.24	4	56
Pioneer 94B73	Y	798	9.4	285	568	0.3097	3.23	42.95	44.72	5	57
Dyna-Gro 3443NRR	Y	691	9.17	285	580	0.3162	3.16	36.42	38.02	9	57
Delta King DK4461	Y	754	9.6	285	562	0.3064	3.26	41.01	42.61	6	57
Morsoy 4802	N	801	10	285	559	0.3048	3.28	43.80	45.31		57
DeKalb DKB46-51	N	1048	11.6	285	580	0.3162	3.16	55.23	56.12		57
Morsoy 4993	N	723	9.8	285	543	0.2961	3.38	40.70	42.20		56



## Cooperative Extension Crop Demonstration Report

Parish: East Carroll  
 Community:  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Donna R. Lee  
 Cooperator: Eddie Gregory  
 Crop: Group III Soybeans  
 Previous Crop: Soybean  
 Planted Plant Population: 178,000  
 Soil Type: Sharkey clay  
 Fertility: N/A  
 Irrigation: Flood  
 Tillage Type: Fall Tillage  
 Date Planted: 4/5/05  
 Date Harvested: 8/31/05  
  
 Weed Control: 5/1/2005- Honcho at 32 oz/A  
 Insect Control: N/A  
 Disease Control: 6/15/2005 - Quadris at 6 oz/A

Note: No moisture taken

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Asgrow 3905	Y	860	.	300	375	0.2152	4.65	66.60		1	.
Terral TV39RS31	Y	772	.	300	375	0.2152	4.65	59.78		3	.
Deltapine 3861	Y	788	.	300	375	0.2152	4.65	61.02		2	.
Delta King DK 3968	Y	590	.	300	375	0.2152	4.65	45.69		6	.
Pioneer 93M90	Y	672	.	300	375	0.2152	4.65	52.04		4	.
Garst 3960	Y	652	.	300	375	0.2152	4.65	50.49		5	.



## Cooperative Extension Crop Demonstration Report

Parish: East Carroll  
 Community:  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Donna R. Lee  
 Cooperator: Eddie Gregory  
 Crop: Soybean  
 Previous Crop: Soybean  
 Planted Plant Population: 178,000  
 Soil Type: Sharkey clay  
 Fertility: N/A  
 Irrigation: Flood  
 Tillage Type: Fall Tillage  
 Date Planted: 4/5/05  
 Date Harvested: 8/31/05  
  
 Weed Control: 5/1/05- Honcho at 32 oz/A  
 Insect Control: N/A  
 Disease Control: 6/15/05 - Quadris at 6 oz/A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
DeKalb DKB46-51	Y	1018	11.5	300	375	0.2152	4.65	78.83	80.19	1	53
Terral TV49R12	Y	886	12.5	300	375	0.2152	4.65	68.61	69.01	9	53.1
Terral TV48R14	Y	934	12.2	300	375	0.2152	4.65	72.33	72.99	4	53.4
Deltapine 4724 RR	Y	966	10.8	300	375	0.2152	4.65	74.81	76.70	2	53
Garst 4888RR	Y	874	10.7	300	375	0.2152	4.65	67.68	69.47	7	53.4
Pioneer 94B73	Y	880	11.8	300	375	0.2152	4.65	68.15	69.09	8	52.7
Delta King DK4967	Y	958	11	300	375	0.2152	4.65	74.19	75.89	3	53.6
Delta King DK4461	Y	920	11.7	300	375	0.2152	4.65	71.24	72.31	5	52.9
Dyna-Gro 3443NRR	Y	910	12.2	300	375	0.2152	4.65	70.47	71.12	6	53.2
Asgrow 4201	N	654	10.8	300	375	0.2152	4.65	50.65	51.93	10	51.8



## Cooperative Extension Crop Demonstration Report

Parish: Iberia  
 Community: New Iberia  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Jimmy Flanagan  
 Cooperator: Blanchard Brothers  
 Crop: Group III Soybeans  
 Previous Crop: Sugarcane  
 Planted Plant Population: 115,870  
 Soil Type: Sandy loam  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Sugarcane row  
 Date Planted: 4/20/05  
 Date Harvested: 9/3/05  
  
 Weed Control: 2 Glyphosate applications  
 Insect Control: 2 Orthene applications  
 Disease Control: Headline SBR

Note: Harvest with combine yield monitor

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Garst 3960	Y	1520	16.8			0.66			36.77	3	
Terral TV39RS31	Y	1642	15.21			0.66			39.98	2	
Delta King DK 3968	Y	1365	15.38			0.66			32.98	6	
Pioneer 93M90	Y	1449	15.39			0.66			35.42	4	
Asgrow 3905	Y	1406	18.06			0.66			33.79	5	
Deltapine 3861	Y	1862	17.4			0.66			44.96	1	



## Cooperative Extension Crop Demonstration Report

Parish: Iberia  
 Community: New Iberia  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Jimmy Flanagan  
 Cooperator: Blanchard Brothers  
 Crop: Group IV Soybeans  
 Previous Crop: Sugarcane  
 Planted Plant Population: 115,870  
 Soil Type: Sandy loam  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Sugarcane row  
 Date Planted: 4/20/05  
 Date Harvested: 9/3/05  
  
 Weed Control: 2 Glyphosate applications  
 Insect Control: 2 Orthene applications  
 Disease Control: Headline SBR

Note: Harvest with combine yield monitor

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Delta King DK4967	Y	1946	17.19			0.65			47.17	4	
Terral TV48R14	Y	1610	15.76			0.65			39.25	9	
DeKalb DKB46-51	Y	1823	16.23			0.65			44.79	6	
Garst 4888RR	Y	1869	17.26			0.65			45.26	5	
Pioneer 94B73	Y	2017	17.03			0.65			48.85	2	
Terral TV49R12	Y	1799	16.74			0.65			43.35	7	
Deltapine4724 RR	Y	1995	16.47			0.66			47.92	3	
Delta King DK4461	Y	2054	16.62			0.66			49.29	1	
Dyna-Gro 3443NRR	Y	1737	15.4			0.66			42.26	8	
Asgrow 4403	N	2083	16.14			0.66			50.35		



## Cooperative Extension Crop Demonstration Report

Parish: Jeff Davis  
 Community: Woodlawn  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Allen Hogan  
 Cooperator: James Hoppe and Allen Derouen  
 Crop: Soybean  
 Previous Crop: Fallow  
 Planted Plant Population: 156,000  
 Soil Type: Very fine sandy loam  
 Fertility: 0-36-72  
 Irrigation: N/A  
 Tillage Type: Conventional 7 1/2" drill  
 Date Planted: 6/13/05  
 Date Harvested: 10/10/05  
  
 Weed Control: RoundUp at 1qt + 1/3oz of Classic  
 Insect Control: One application of Orthene, second application Demlin  
 Disease Control: Quadris at 4oz + Topsin-M at 10oz

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Croplan 5972	No			360	450	0.3099	3.23		37.00		
Terral TV59R98	No			360	450	0.3099	3.23		40.00		
Delta King DK 5366	Yes			360	450	0.3099	3.23		39.40	6	
Asgrow 5903	Yes			360	450	0.3099	3.23		40.40	4	
Terral TV59R14	Yes			360	450	0.3099	3.23		39.40	5	
Terral TV52R14	Yes			360	450	0.3099	3.23		42.30	1	
Delta King DK 5161	Yes			360	450	0.3099	3.23		42.00	3	
Deltapine 5634	Yes			360	450	0.3099	3.23		38.30	7	
Terral TV57R14	Yes			360	450	0.3099	3.23		42.30	2	
Dyna Gro 33B52	Yes			360	450	0.3099	3.23		34.80	8	
Terral X59R302	No			360	450	0.3099	3.23		43.00		
Croplan 5892	No			360	450	0.3099	3.23		39.20		
Terral TV56R12	No			360	450	0.3099	3.23		42.40		



## Cooperative Extension Crop Demonstration Report

Parish: Jeff Davis  
 Community: Woodlawn  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Allen Hogan  
 Cooperator: James Hoppe and Allen Derouen  
 Crop: Soybean  
 Previous Crop: Fallow  
 Planted Plant Population: 156,000  
 Soil Type: Very fine sandy loam  
 Fertility: 0-36-72  
 Irrigation: N/A  
 Tillage Type: Conventional 7 1/2" drill  
 Date Planted: 6/13/05  
 Date Harvested: 10/10/05  
  
 Weed Control: RoundUp at 1qt + 1/3oz of Classic  
 Insect Control: One application of Orthene, second application Demlin  
 Disease Control: Quadris at 4oz + Topsin-M at 10oz

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Croplan 6767	No			360	450	0.3099	3.23		31.00		
Pioneer 96M20	Yes			360	450	0.3099	3.23		42.00	2	
Asgrow 6202	Yes			360	450	0.3099	3.23		38.70	3	
Dyna Gro 3600	Yes			360	450	0.3099	3.23		42.10	1	
Croplan 6655	No			360	450	0.3099	3.23		38.00		



## Cooperative Extension Crop Demonstration Report

Parish: Morehouse  
 Community: Mer Rouge  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Terry Erwin and Richard Letlow  
 Cooperator: Harper Armstrong  
 Crop: Soybeans  
 Previous Crop: Cotton  
 Planted Plant Population: 130,000  
 Soil Type: Mer Rouge Silt Loam  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 5/1/05  
 Date Harvested: 9/22/05  
  
 Weed Control: 1 quart Round Up/A  
 Insect Control: N/A  
 Disease Control: N/A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 3443NRR	Yes	1250	12	608	744	0.8654	1.16	24.07	24.35	9	
Delta King DK4967	Yes	1970	12	608	744	0.8654	1.16	37.94	38.38	2	
Terral TV49R12	Yes	1689	12	608	744	0.8654	1.16	32.53	32.90	6	
DeKalb DKB46-51	Yes	1747	12	608	744	0.8654	1.16	33.65	34.03	4	
Delta King DK4461	Yes	1671	12	608	744	0.8654	1.16	32.18	32.55	7	
Pioneer 94B73	Yes	1636	12	608	804	0.9352	1.07	29.16	29.49	8	
Deltapine 4724 RR	Yes	1865	12	608	804	0.9352	1.07	33.24	33.62	5	
Terral TV48R14	Yes	2178	12	608	804	0.9352	1.07	38.82	39.26	1	
Garst 4888RR	Yes	1889	12	608	804	0.9352	1.07	33.67	34.05	3	
NK S49-Q9	No	2112	12	608	804	0.9352	1.07	37.64	38.07		
NC+ 4 N 51	No	1760	12	608	804	0.9352	1.07	31.37	31.73		
NC+ 4 N 79	No	1842	12	608	804	0.9352	1.07	32.83	33.21		
Croplan 4444	No	1875	12	608	804	0.9352	1.07	33.42	33.80		
Croplan 4842	No	1792	12	608	804	0.9352	1.07	31.94	32.30		
Croplan 4891	No	1697	12	608	804	0.9352	1.07	30.24	30.59		



## Cooperative Extension Crop Demonstration Report

Parish: Pointe Coupee  
 Community: Labarre  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Miles Brashier, Harry Laws, Louis Lirette and Steve Borel  
 Cooperator: Schexnayder Farms Ray Jr., Donald, Danny  
 Crop: Group V soybeans  
 Previous Crop: Wheat  
 Planted Plant Population: 120,000  
 Soil Type: Mixed  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 6/5/05  
 Date Harvested: 10/6/05  
  
 Weed Control: RoundUp  
 Insect Control: N/A  
 Disease Control: Quilt

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Asgrow 5903	Yes	1050	12.2	180	963	0.3316	3.02	52.77	53.26	3	
Deltapine 5634 RR	Yes	1010	11.9	180	963	0.3316	3.02	50.76	51.40	4	
Delta King DK 5161	Yes	1060	11.6	180	963	0.3316	3.02	53.28	54.13	2	
Delta King DK 5366	Yes	870	11.8	180	963	0.3316	3.02	43.73	44.33	7	
Terral TV57R14	Yes	990	11.8	180	963	0.3316	3.02	49.76	50.44	5	
Terral Tv59R14	Yes	910	11.4	180	963	0.3316	3.02	45.74	46.58	6	
Dyna-Gro 33B52	Yes	770	11.4	180	963	0.3316	3.02	38.70	39.41	8	
Terral TV52R14	Yes	1070	11.7	180	963	0.3316	3.02	53.78	54.58	1	



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research and Extension Center  
 Crop: Group III Soybeans  
 Previous Crop: Cotton  
 Planted Plant Population: 175,000  
 Soil Type: Norwood Silt Loam  
 Fertility: 200lbs. 0-26-26 in addition foliar zinc at 32 oz/A  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 3/31/05  
 Date Harvested: 8/4/05  
  
 Weed Control: Touchdown 24oz/A; 4 applications glyphosate at 32oz/A  
 Insect Control: Orthene .85lbs/A; Orthene 1lb/A  
 Disease Control: N/A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Delta King DK 3968	Yes	380	13	180	740	0.2548	3.92	24.85	24.85	5,6	
Pioneer 93M90	Yes	480	13	180	740	0.2548	3.92	31.39	31.39	3	
Garst 3960	Yes	380	13	180	740	0.2548	3.92	24.85	24.85	5,6	
Deltapine 3861	Yes	580	13.3	180	740	0.2548	3.92	37.94	37.80	2	
Terral TV39RS31	Yes	450	13.3	180	740	0.2548	3.92	29.43	29.33	4	
Asgrow 3905	Yes	590	13.1	180	740	0.2548	3.92	38.59	38.54	1	



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research and Extension Center  
 Crop: Soybeans MG IV  
 Previous Crop: Cotton  
 Planted Plant Population: 130,000  
 Soil Type: Norwood silt loam  
 Fertility: 0-26-26 at 200, Zince foliar at 32 oz/A  
 Irrigation: NA  
 Tillage Type: Conventional  
 Date Planted: 3/31/05  
 Date Harvested: 8/19/05  
  
 Weed Control: Cornerstone + Basagran, glyphosate twice and Gramoxone for desication  
 Insect Control: Orthene twice at 0.85 and 1.0 lb ai/A  
 Disease Control: NA

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Garst 4888RR	Yes	520	13.7	180	660	0.2273	4.40	38.13	37.83	4	
Dyna-Gro DG3443NRR	Yes	500	13.7	180	660	0.2273	4.40	36.67	36.37	5	
DeKalb DKB46-51	Yes	500	14.1	180	660	0.2273	4.40	36.67	36.20	6	
Delta King DK4461	Yes	420	13.7	180	660	0.2273	4.40	30.80	30.55	9	
Deltapine 4724 RR	Yes	470	13.4	180	660	0.2273	4.40	34.47	34.31	8	
Terral TV49R12	Yes	690	13.9	180	660	0.2273	4.40	50.60	50.08	1	
Pioneer 94B73	Yes	480	13.6	180	660	0.2273	4.40	35.20	34.96	7	
Terral TV48R14	Yes	560	13.5	180	660	0.2273	4.40	41.07	40.83	2	
Delta King DK4967	Yes	560	13.8	180	660	0.2273	4.40	41.07	40.69	3	
Croplan 4444	No	250	20	180	660	0.2273	4.40	18.33	16.86		



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research Station  
 Crop: Soybeans  
 Previous Crop: Cotton  
 Planted Plant Population: 130,000  
 Soil Type: Norwood silt loam  
 Fertility: 0-26-26 at 200, Zince foliar at 32 oz/A  
 Irrigation: N/A  
 Tillage Type: Conventional, flat seed bed  
 Date Planted: 4/14/05  
 Date Harvested: 9/14/05  
  
 Weed Control: Cornerstone at 32 oz./A + Basagran at 24 oz./A twice  
 Insect Control: Orthene twice at 0.85 and 1.0 lb ai/A  
 Disease Control: N/A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Terral TV52R14	Yes	580	13.7	180	730	0.2514	3.98	38.45	38.15	7	
Asgrow 5903	Yes	600	19.9	180	730	0.2514	3.98	39.78	36.63	8	
Terral TV59R14	Yes	740	14.4	180	730	0.2514	3.98	49.06	48.27	4	
Dyna-Gro 33B52	Yes	640	14.6	180	730	0.2514	3.98	42.43	41.65	6	
Delta King DK 5366	Yes	710	15.2	180	730	0.2514	3.98	47.07	45.88	5	
Deltapine 5634 RR	Yes	810	13.5	180	730	0.2514	3.98	53.70	53.40	1	
Terral TV57R14	Yes	740	13.7	180	730	0.2514	3.98	49.06	48.67	3	
Delta King DK5161	Yes	790	13.8	180	730	0.2514	3.98	52.38	51.90	2	



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research Station  
 Crop: Soybeans  
 Previous Crop: Cotton  
 Planted Plant Population: 130,000  
 Soil Type: Norwood silt loam  
 Fertility: 0-26-26 at 200, Zince foliar at 32 oz/A  
 Irrigation: N/A  
 Tillage Type: Conventional, raised seed bed  
 Date Planted: 4/14/05  
 Date Harvested: 9/14/05  
  
 Weed Control: Cornerstone at 32 oz./A + Basagran at 24 oz./A twice  
 Insect Control: Orthene twice at 0.85 and 1.0 lb ai/A  
 Disease Control: N/A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Terral TV52R14	Yes	760	13.2	152	730	0.2123	4.71	59.67	59.53	3	
Asgrow 5903	Yes	820	13.1	152	730	0.2123	4.71	64.38	64.31	1	
Terral TV59R14	Yes	710	15.5	152	730	0.2123	4.71	55.75	54.14	5	
Dyna-Gro DG 33B52	Yes	730	13.1	152	730	0.2123	4.71	57.32	57.25	4	
Delta King DK 5366	Yes	570	15.7	152	730	0.2123	4.71	44.75	43.36	8	
Deltapine 5634 RR	Yes	660	15	152	730	0.2123	4.71	51.82	50.63	7	
Terral TV57R14	Yes	670	13.9	152	730	0.2123	4.71	52.60	52.06	6	
Delta King DK5161	Yes	780	13.2	152	730	0.2123	4.71	61.24	61.10	2	
Deltapine 5808 RR	No	730	12	152	730	0.2123	4.71	57.32	57.97		



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research Station  
 Crop: Soybeans  
 Previous Crop: Cotton  
 Planted Plant Population: 130,000  
 Soil Type: Norwood silt loam  
 Fertility: 0-26-26 at 200, Zince foliar at 32 oz/A  
 Irrigation: NA  
 Tillage Type: Conventional, flat seed bed  
 Date Planted: 6/3/05  
 Date Harvested: 10/15/05  
  
 Weed Control: Cornerstone at 32 oz./A + Basagran at 24 oz./A twice  
 Insect Control: Orthene twice at 0.85 and 1.0 lb ai/A  
 Disease Control: NA

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 3600	Yes	380	17.1	360	180	0.124	8.07	51.09	48.68	1	
Asgrow 6202	Yes	330	23.6	360	177	0.1219	8.20	45.12	39.62	2	
Pioneer 96M20	Yes	290	20	360	174	0.1198	8.34	40.33	37.09	3	



## Cooperative Extension Crop Demonstration Report

Parish: Richland  
 Community: Rhymes  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Keith Collins  
 Cooperator: Morgan Smith  
 Crop: Group III Soybeans  
 Previous Crop: Cotton  
 Planted Plant Population: 137,500  
 Soil Type: Hebert Silt Loam  
 Fertility: 18-46-90  
 Irrigation: Furrow  
 Tillage Type: Conventional 38" rows  
 Date Planted: 4/18/2005  
 Date Harvested: 8/17/2005  
  
 Weed Control: 2 applications of Glyphosate  
 Insect Control: 1 application of Karate  
 Disease Control: N/A

Note: Plots were harvested using a yield monitor.

Variety Name	Core Block	Harvest Moist (%)	Acreage Per plot	Bu/A Adjusted	Rank
Deltapine 3861	Yes	13.6	0.4	50.2	4
Garst 3960	Yes	13.5	0.42	44	6
Terral TV39RS31	Yes	13.5	0.43	53.6	3
Asgrow 3905	Yes	12.1	0.43	55.1	2
Pioneer 93M90	Yes	12.7	0.44	56.4	1
Delta King DK 3968	Yes	13.1	0.44	49	5
Morsoy 3883	No	14.1	0.44	62.7	
Dyna Gro 3392	No	13.1	0.45	52.1	
Pioneer 94B13	No	14.3	0.46	59.4	
Croplan 4013	No	13.3	0.46	63.5	



## Cooperative Extension Crop Demonstration Report

Parish: Richland  
 Community: Rhymes  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: County Agent  
 Cooperator: Todd Bridges, Woodland Plantation  
 Crop: Group IV Soybeans  
 Previous Crop: Rice  
 Planted Plant Population: 180,000  
 Soil Type: Silty Clay Loam  
 Fertility: N/A  
 Irrigation: Flood  
 Tillage Type: No Till  
 Date Planted: 5/9/05  
 Date Harvested: 9/9/05  
  
 Weed Control: 2 applications of glyphosate  
 Insect Control: 1 applications of Karate  
 Disease Control: 1 application of Quilt

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
DeKalb DKB46-51	Yes	640	11.4	360	317	0.2183	4.58	48.86	49.76		54
Deltapine 4724 RR	Yes	504	11.8	360	317	0.2183	4.58	38.48	39.01		53
Delta King DK4967	Yes	500	12.6	360	317	0.2183	4.58	38.17	38.35		55
Dyna-Gro 3443NRR	Yes	416	11.7	360	320	0.2204	4.54	31.46	31.93		55
Delta King DK4461		No Weight									
Garst 4888RR	Yes	534	13.1	360	320	0.2204	4.54	40.38	40.34		52
Pioneer 94B73	Yes	490	12.9	360	320	0.2204	4.54	37.06	37.10		54
Terral TV49R12	Yes	578	16.2	360	320	0.2204	4.54	43.71	42.10		50
Terral TV48R14	Yes	632	19.4	360	320	0.2204	4.54	47.80	44.28		49
Croplan 4842	No	450	9.6	360	320	0.2204	4.54	34.03	35.36		55
NC+ 4N51	No	390	10	360	320	0.2204	4.54	29.49	30.51		54
Adler 462	No	516	11.3	360	320	0.2204	4.54	39.02	39.79		54
Asgrow 4902	No	464	11.3	360	320	0.2204	4.54	35.09	35.78		54
MorSoy 4993	No	518	15.3	360	320	0.2204	4.54	39.17	38.14		51
Vigoro 48N5	No	384	19.2	360	320	0.2204	4.54	29.04	26.97		52
Pioneer 94M70	No	358	9.9	360	320	0.2204	4.54	27.07	28.04		55
Garst 4612	No	386	9.6	360	320	0.2204	4.54	29.19	30.33		54
NC+ 4N79	No	400	14.5	360	320	0.2204	4.54	30.25	29.73		53
MorSoy 4802	No	440	12.4	360	320	0.2204	4.54	33.28	33.50		54
Pioneer 94M80	No	280	12.9	360	320	0.2204	4.54	21.18	21.20		55
Deltapine 4546	No	394	15.1	360	320	0.2204	4.54	29.80	29.08		53
Vigoro 49N6	No	438	12.7	360	320	0.2204	4.54	33.12	33.24		51

Garst 484(untreated)	No	442	13.2	360	320	0.2204	4.54	33.43	33.35	52
Garst 484(treated)	No	438	19.6	360	320	0.2204	4.54	33.12	30.61	52
Terral TV46R15	No	438	13.3	360	320	0.2204	4.54	33.12	33.01	55
Terral TV45R14	No	364	9.9	360	320	0.2204	4.54	27.53	28.51	55



## Cooperative Extension Crop Demonstration Report

Parish: Richland  
 Community: Rhymes  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 Keith  
 County Agent: Collins  
 Cooperator: Morgan Smith  
 Crop: Soybeans  
 Previous Crop: Cotton  
 Planted Plant Population: 137,500  
 Soil Type: Rilla Silt Loam  
 Fertility: 18-46-90  
 Irrigation: Furrow  
 Tillage Type: Conventional, 38"rows  
 Date Planted: 4/18/05  
 Date Harvested: 8/26/05  
 Weed Control: 2 application of Roundup  
 Insect Control: 1 application of Karate  
 Disease Control: N/A

Note: Plots were harvested using a yield monitor

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Bu/a	Acreage per plot	Rank
DeKalb DKB46-51	Yes		14.8	63.63	0.95	3
Deltapine 4724 RR	Yes		14.1	62.48	0.97	6
Delta King DK4967	Yes		13.9	61.84	1.01	8
Dyna-Gro 3443NRR	Yes		14.5	59.24	1.05	9
Delta King DK4461	Yes		13.6	63.49	0.52	4
Garst 4888RR	Yes		13.9	63.46	1.03	5
Pioneer 94B73	Yes		13.6	64.25	1.07	2
Terral TV49R12	Yes		14.1	62.06	1.1	7
Terral TV48R14	Yes		13.9	66.98	1.12	1
MorSoy 4993	No		12.6	68.23	1.14	
MorSoy 4802	No		12.9	71.33	1.18	
Asgrow 4801	No		12.1	66.38	1.19	
Croplan 4842	No		12.4	72.67	1.22	
Croplan 4992	No		13.9	69.66	1.21	
Deltapine4546	No		13.9	70.25	1.21	
Pioneer 94M80	No		12.2	78.15	1.24	
NK 43B1	No		13.2	68.48	0.61	
Garst 4612	No		13	70.18	1.22	
NK S40R9	No		12.5	62.81	0.61	
Terral 46R15	No		13.9	75.26	0.61	
Terral 49R50	No		20.6	79.68	0.61	



## Cooperative Extension Crop Demonstration Report

Parish: St. Landry  
 Community: Washington  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Keith Normand  
 Cooperator: R & D Research Farm  
 Crop: Soybean  
 Previous Crop: Soybean  
 Planted Plant Population: 105,000/A  
 Soil Type: Baldwin, Silty Clay Loam  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 4/18/05  
 Date Harvested: 8/7/05  
  
 Weed Control: 5/18/05-past overtop Roundup weathermax at 1pt/A  
 6/16/05-Post-directed- Roundup Weathermax 1.5 pt./A + Claasic 0.3oz./A  
 Insect Control: 7/21/05- Orthene 90S at lb/A  
 Disease Control: N/A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Dyna-Gro 3443NRR	Yes	168	10.3	108	390	0.0806	12.41	34.75	35.83	9	
Delta King DK4967	Yes	218	10.5	108	390	0.0806	12.41	45.09	46.39	2	
Garst 4888RR	Yes	210	10.6	108	390	0.0806	12.41	43.44	44.63	3	
Delta King DK4461	Yes	172	10.4	108	390	0.0806	12.41	35.58	36.64	8	
Terral TV48R14	Yes	178	10.7	108	390	0.0806	12.41	36.82	37.79	5	
DeKalb DKB46-51	Yes	176	10.6	108	390	0.0806	12.41	36.40	37.41	7	
Pioneer 94B73	Yes	176	10.5	108	390	0.0806	12.41	36.40	37.45	6	
Terral TV49R12	Yes	244	10.7	108	390	0.0806	12.41	50.47	51.80	1	
Deltapine4724 RR	Yes	204	10.7	108	390	0.0806	12.41	42.19	43.31	4	



## Cooperative Extension Crop Demonstration Report

Parish: St. Landry  
 Community: Washington  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Keith Normand  
 Cooperator: R&D Research Farm, Inc.  
 Crop: Soybeans  
 Previous Crop: Soybeans  
 Planted Plant Population: 110,000/A  
 Soil Type: Baldwin, Silty Clay Loam  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Conventional  
 Date Planted: 6/13/05  
 Date Harvested: 10/21/05  
  
 Weed Control: RoundUp Weathermax at 2pt./A 6/23/05, 7/13/05  
 Insect Control: Orthene 90S at 1lb/A 8/12/05  
 Disease Control: N/A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Terral TV59R14	Yes	110	10.9	108	390	0.0806	12.41	22.75	23.30	4	
Dyna-Gro 33B52	Yes	118	10.9	108	390	0.0806	12.41	24.41	25.00	2	
Terral TV52R14	Yes	90	11.5	108	390	0.0806	12.41	18.62	18.94	8	
Delta King DK 5161	Yes	118	11.3	108	390	0.0806	12.41	24.41	24.88	3	
Terral TV57R14	Yes	106	11.4	108	390	0.0806	12.41	21.92	22.33	5	
Deltapine5634 RR	Yes	125	11.3	108	390	0.0806	12.41	25.85	26.36	1	
Asgrow 5903	Yes	98	11.5	108	390	0.0806	12.41	20.27	20.62	6	
Delta King DK 5366	Yes	94	11.5	108	390	0.0806	12.41	19.44	19.78	7	



## Cooperative Extension Crop Demonstration Report

Parish: Tensas  
 Community: Waterproof  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Robert Goodson  
 Cooperator: Walter Butler  
 Crop: Soybeans  
 Previous Crop: Soybeans  
 Planted Plant Population: 130,000  
 Soil Type: Dundee Silt Loam  
 Fertility: N/A  
 Irrigation: N/A  
 Tillage Type: Flat stale bed  
 Date Planted: 4/18/05  
 Date Harvested: 8/25/05  
  
 Weed Control: 1 qt RoundUp at planting, 2 qt during season  
 Insect Control: Karate 1 gallon to 80 acres, 0.5 lb orthene  
 Disease Control: N/A

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Delta King DK4461	Yes	1080	9.5	280	670	0.3589	2.79	50.15	52.17	4	
Terral TV49R12	Yes	1060	10	280	670	0.3589	2.79	49.23	50.92	6	
Deltapine 4724 RR	Yes	1070	9.5	280	670	0.3589	2.79	49.69	51.69	5	
DeKalb DKB46-51	Yes	1150	10	280	670	0.3589	2.79	53.41	55.25	3	
Dyna-Gro 3443NRR	Yes	1200	9.2	280	670	0.3589	2.79	55.73	58.16	2	
Garst 4888RR	Yes	1040	10.7	280	670	0.3589	2.79	48.30	49.57	8	
Delta King DK4967	Yes	590	9	160	670	0.2051	4.88	47.95	50.15	7	
Terral TV48R14	Yes	1030	10.7	280	670	0.3589	2.79	47.83	49.10	9	
Pioneer 94B73	Yes	1310	10.2	280	670	0.3589	2.79	60.84	62.79	1	
MorSoy 4802N	No	1150	10.8	280	670	0.3589	2.79	53.41	54.76		
MorSoy 4993	No	1360	10.9	280	670	0.3589	2.79	63.16	64.68		



## Cooperative Extension Crop Demonstration Report

Parish: West Carroll  
 Community: Forest  
 Principal Investigators: Dr. David Y. Lanclos, Rob Ferguson, and Donna S. Morgan  
 County Agent: Myrl Sistrunk  
 Cooperator: Fairchild Farms  
 Crop: Soybeans  
 Previous Crop: Rice  
 Planted Plant Population: 118,000  
 Soil Type: Sharkey Clay  
 Fertility: N/A  
 Irrigation: Furrow  
 Tillage Type: Minimum till  
 Date Planted: 5/5/05  
 Date Harvested: 9/10/05  
  
 Weed Control: Two glyphosate applications  
 Insect Control: Methyl parathion  
 Disease Control: Headline at 7 oz./A

Note: Harvested with combine yield monitor

Variety Name	Core Block	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
Pioneer 94B73	Yes		10.9			0.96		60.00	61.45	7	
Terral TV48R14	Yes		19.1			0.96		78.00	72.53	1	
Delta King DK4967	Yes		13.4			0.96		64.00	63.71	4	
Deltapine 4724 RR	Yes		12.6			0.95		62.00	62.29	5	
DeKalb DKB46-51	Yes		10.8			0.94		66.00	67.67	2	
Dyna-Gro 3443NRR	Yes		10.1			0.94		60.00	62.00	6	
Garst 4888RR	Yes		14.6			0.93		66.00	64.79	3	
Delta King DK4461	Yes		10.9			0.92		56.00	57.35	8	
Terral TV49R12	Yes		11.4			0.91		54.00	54.99	9	
MorSoy 4731	No		11.9			0.95		44.00	44.56		
Croplan 4891	No		18.7			0.93		70.00	65.41		
Croplan 4917	No		11.2			0.9		54.00	55.12		
Croplan 3567	No		10.3			0.89		58.00	59.80		
Croplan 4802	No		10.2			0.88		62.00	64.00		



## Cooperative Extension Crop Demonstration Report

Parish: Concordia  
 Community: Angelina Plantation  
 Principal Investigators: Glen Daniels  
 County Agent: Glen Daniels  
 Cooperator: Tommy Ellett  
 Crop: Soybeans  
 Previous Crop: Soybeans  
 Planted Plant Population: 6-7/ft  
 Soil Type: Heavy Clay  
 Fertility: N/A

Tillage Type: Conventional, 30" row spacing  
 Date Planted: 6/6/05  
 Date Harvested: 10/3/05

	Harvest Wt (lbs)	Harvest Moist (%)	Plot Wdh (in)	Row Lgh (ft)	Acreage per plot	CF	Bu/A Raw	Bu/A Adjusted	Rank	Test Wt (lbs)
NK 56D7 Non-Irrigated	1890	13.8			1			31.21		56
NK 56D7 Irrigated	2620	13.9			1			46.30		54
Stine 5142-4 Non-Irrigated	2190	14.1			1			38.61		55
Stine 5142-4 Irrigated	2730	11.5			1			49.59		54
Delta King 5567 Non-Irrigated	1090	14			0.57			33.76		55
Delta King 5567 Irrigated	2910	13.7			1			51.55		55
Delta King 55T6 Non-Irrigated	2320	13.9			1			41.00		55
Delta King 55T6 Irrigated	2650	13.7			1			46.94		56
Progeny 5822 Non-Irrigated	2350	14.2			1			41.39		57
Progeny 5822 Irrigated	2640	13.9			1			46.66		55
Asgrow 5903 Non-Irrigated	1870	14.7			1			32.74		56
Asgrow 5903 Irrigated	2640	14			1			46.60		56

## Soybean Result Demonstration Foliar Fungicides

Agents ..... Allen Hogan; Jeff Davis Parish  
 David Lanclos; Soybean Specialist  
 Boyd Padgett; LSU Plant Pathologist  
 Cooperator ..... Donald Berken; Welsh, LA  
 Location ..... Lacassine, LA  
 Variety ..... Asgrow 5905  
 Planting Date ..... June 13, 2005  
 Planting Method ..... Broadcast, 70 pounds of seed/acre  
 Treatment Date ..... August 17, 2005  
 Maturity Stage at Treatment ..... R4  
 Application Method ..... Aerial application; 10 gallons/acre  
 Treatment Area ..... 10 acres/treatment  
 Harvest Date ..... October 19, 2005

Treatment	Rate/Acre	Bu/A @ 13 % mo.	Test Wt.	% Total Damage
1) Quadris + Topsin M	6 oz. 10 oz.	44.4	52.6	5.2
2) Stratego	10 oz.	42.8	52.6	4.7
3) Quilt	15 oz.	43.4	53.3	5.2
4) Headline	6 oz.	45	53.6	7.5
5) Check 1		42.7		
6) Check 2		42.6		
<b>Average of Checks</b>		<b>42.65</b>	<b>53.6</b>	<b>6.1</b>



