

Daviess County

Research and Demonstration Plots

2011 Season



**Cooperative Extension Service
Daviess County
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Thank You



Daviess County plays an important role in Kentucky by providing excellent data on variety trials and demonstration plots. The cooperation of area producers and their commitment to research and demonstration work provides reliable information to producers across Kentucky.

Special thanks goes to the cooperators involved in the corn, soybean, milo, and silage variety trials and demonstration plots. Their contribution of time and resources is an invaluable asset to the area.

Thanks to Paul Winkler, Adult Vocational Agriculture Instructor; Philip Anderson and John Brey of Stanley Crop Service; Ben Hayden of Southern States; and Shawn Kand of Crop Production Services for their help in the yield contests and for their collection of data for this report.

CORN

Gerald & Joel Boswell
Don & Tom Cecil
Tony McCarty
Neil Rudy
PPJ Thompson Farms

Billy Brey
Goetz Brothers Farms
Wes Poole
Stephen Farms
Glenn Williams

SOYBEANS

Gerald & Joel Boswell
Don & Tom Cecil
Marty Mitchell
Stephen Farms
PPJ Thompson Farms
Glenn Williams

CORN SILAGE

John Kuegel, Jr.

COMPANY PLOTS

Don & Tom Cecil
Joe & Tony Fischer
Ken-Maur Farms
Jeff Rice

Jeff Coke
Jimmy Gilles
Phil Lambert
PPJ Thompson Farms

Ebelhar Farms
Ken-Maur Farms
McKay Farms

A special "thank you" goes to the Extension Office Staff Assistants for their extraordinary effort in preparing this booklet and to the seed company representatives for providing seed and assistance in plot planting and harvest.

2011 KING CORN

GROWER	VARIETY	ACREAGE	YLD/A
PPJ Thompson Farms	Pioneer P1745HR	1.5823	257.78

KING CORN HISTORY

2010	Castlen Brothers Farms	Pioneer 32D79	1.4889	258.39
2009	PPJ Thompson Farms	Pioneer 31D59	1.3399	263.75
2008	Darrell Hagan	Pioneer 31P42	1.4845	262.66
2007	PPJ Thompson Farms	DeKalb DKC63-46	1.3523	297.09
2006	Goetz Brothers Farms	Dekalb DKC64-81	1.5709	250.89

2011 BOSS BEAN

GROWER	VARIETY	ACREAGE	YLD/AC
Castlen Brothers Farms	Pioneer 94Y22	3.7240	79.84

BOSS BEAN HISTORY

2010	Harold Ebelhar	Dyna-Gro 37P37	3.1220	95.77
2009	Drew Burns	NK Brand S38-D5	3.9780	84.17
2008	PPJ Thompson Farms	Pioneer 94Y60	3.2791	84.21
2007	Flat Lick Farms/Scott Kuegel	Southern Cross ELI	3.7360	77.95
2006	Castlen Brothers	NK Brand S35-F9	3.1948	69.84

2011 ELITE WHEAT

GROWER	VARIETY	ACREAGE	YLD/AC
Neil Rudy Farms	Syngenta Branson	3.7800	105.82

ELITE WHEAT HISTORY

2010	Goetz Brothers Farms	Southern States SS8302	4.3000	100.92
2009	Pasture Belt Farms	Beck's 122	3.0100	97.10
2008	Pasture Belt Farms	Beck's 122	3.3000	114.70
2007	Pasture Belt Farms	Beck's 168	3.5600	89.04
2006	Knott Farms	Pioneer 25R78	3.3100	107.69

DAVIESS COUNTY CORN VARIETY TEST PLOTS

PURPOSE: To provide reliable data on the yield potential of the corn hybrids that are best suited for this area. Through these plots we attempt to provide educational information in an unbiased and scientific form to the producers of the area.

PLOT LOCATION: Variety trials were implemented in all areas of the county. Plots were located to the west, south, and east of Owensboro, representing various soil types, planting dates, and rainfall amounts.

COUNTY-WIDE PLOT FORMAT: To increase the comparison of a variety from one plot to another, we developed a plot design that required each plot to follow the same plan. In the plan we required that the check be placed after every three varieties so that we could make a reliable adjusted yield calculation. An adjusted yield calculation was figured using the surrounding check yields as a basis. Also, to allow the check variety to be evaluated, the third check in each plot was calculated and adjusted on an individual basis and the results enclosed in parenthesis.

To allow producers to gauge the dry-down ability of the hybrids, we have included the maturity days of each one.

COUNTYWIDE NON-GMO CORN PLOT PLAN:

<u>Hybrid</u>	<u>Days to Maturity</u>
CHECK AgriGold A6677 500	115 days
Dyna-Gro D50CC11	110 days
AgriGold A6478 500	110 days
DeKalb DKC61-70	111 days
Pioneer P1184	111 days
DeKalb DKC63-43	113 days
Beck's 6733	114 days
Steyer Seeds 1156	115 days
Dyna-Gro 57N73	115 days
Pioneer 32T16	116 days

COUNTYWIDE ROUNDUP READY CORN PLOT PLAN:

<u>Hybrid</u>	<u>Days to Maturity</u>
CHECK Pioneer P1184HR	111 days
Dyna-Gro 57V40VT3	110 days
Wyffels W7071	111 days
DeKalb DKC63-84VT3	113 days
AgriGold A6533VT3 500	113 days
NK Brand N72F-3000GT	113 days
Garst 83S06-3111	114 days
DeKalb DKC64-69VT3	114 days
AgriGold A6553VT3 600	114 days
NK Brand N77P-3111	114 days
Beck's 6903HR	115 days
Garst 83M47GT/CB/LL	115 days
Dyna-Gro 57V21VT3	115 days
Pioneer P1615HR	116 days
Southern States S755GENVT3PRO	117 days
Pioneer P2088HR	120 days

2011 Crop Year in Review

Each year as harvest finishes we have the opportunity to reflect on the weather events which unfolded and ultimately distinguished this season apart from the rest. While activities related to farming are an annual routine, the weather which surrounds us dictates when and how field operations occur and how the crops grow. At the end of the day, temperature and moisture are the underlying factors which determine yields across the county. With soil types that vary so widely in the same field in some situations, weather plays a key role in how the plants produce grain.

2010 ended very dry and results of the cured tobacco were not received very well at the receiving stations. Much of the burley crop statewide cured too quickly and the buyers were simply not interested. Much of the crop sold for only \$1 per pound, leaving many producers with less enthusiasm for continued production in 2011. Winter wheat acres were fewer as well; some growers chose to forgo planting their intended acres due to the lack of moisture required to establish a stand. Dry conditions continued throughout the winter. Very little rainfall or snow events in our area allowed excavators and tile machines to operate more days than typical. February passed by with still no rain; tile lines remained dry and people began to question corn production on some fields lacking subsoil moisture which hadn't rehydrated over the winter. Rains did return with some storms in early March that actually brought on a brief backwater during the third week.

Clear skies returned and spring began on farms across the county. Despite cool temperatures through much of March, the dry subsoil rapidly absorbed surface moisture and field activities ramped up with tillage, fertilizer, and early herbicide applications. One issue that developed was that temperatures were so cool that herbicide was slow to work and anhydrous ammonia applications slowed to a crawl to compensate for reduced pressure. A small amount of corn was planted in the final days of March, but rain slowed activities in the first week of April. Sunshine and the warmest day of the year arrived on April 8 and planters were beginning to roll, with a good run planned for the second week, until the rain began.

With a few acres planted and farms preparing for a good week, more than three inches of rain dumped on Daviess County on Monday, April 11 that would begin a period of waiting for the remainder of the month and first two weeks of May. Almost of third of our annual rainfall fell during a four-week period that saturated fields and flooded low lands through the first days of June in some cases. Nitrogen applied to tens of thousands of acres was feared lost. Despite only a few days of running, 10 percent of the county corn crop was battling soggy or flooded conditions which led to half of what was planted getting replanted when conditions dried. Corn growers underwent an unexpected economic and agronomic analysis of their intended corn acres as the days passed by waiting to plant. Was the remaining nitrogen adequate? Should existing corn be destroyed? Should preventative planting be triggered? Should crop rotation plans be

ignored and corn planted back to corn if field conditions allowed? These were all questions that were addressed while watching the rain fall. Growers faced a tremendous mid-spring challenge to redesign their cropping strategies and marketing plans to adjust for the long delayed planting.

When the weather turned for the better, the race was on to plant as much corn as possible in the few remaining days of May. Lowlands remained flooded until the third week of May or longer leaving producers waiting for the land to dry with the determination to plant corn through June 10 in some situations before switching those acres to soybeans. The decision to forgo preventative planting was a long fought battle for some because of the increasing price of corn due to planting delays across the Midwest, and the opportunity for high yields if late summer weather was favorable. The challenge was the unknown of how the summer would turn out and the opportunity to collect the funds and walk away this season, forgoing the risk.

June came in and took people by surprise. Wheat yields were substantially higher than anyone expected, largely due to cool conditions, despite the high moisture when the crop was flowering. As in 2010, high temperatures, plenty of nitrogen and available moisture allowed the late planted corn crop to leap out of the ground and not look back. Except for the risk of being planted late, the corn crop looked as good in late June and early July as we've ever had. Soybeans and tobacco fields were growing fast as well, though wet conditions and rain in June forced some to replant soybeans as late as early July in some cases. Still there was hope that August would be kind and allow the crop to continue on with its development.

Conditions began to change in late July as we began to miss rain chances that since April had all but been unavoidable. Hillsides and drier soil types began to stress as temperatures climbed in August when the later corn was pollinating. Shallow roots and pollination in temperatures exceeding 95 degrees had everyone concerned that despite the excellent start, yields would suffer due to extreme conditions late in the season.

Tobacco harvest began in the first week of August as usual, and the crop which was set before the second week of June grew large and was impressive. Tobacco set later endured more stress in August and failed to spread out like the earlier crop. Curing conditions overall were more favorable. Despite small amounts of rain overall, scattered showers in September and twice again in October allowed the crop to come in and out of season prior to being stripped, providing much better color than the crop the previous year.

Just as the corn was ripening, several weather events which had transpired throughout the year converged to provide an unexpected increase in commodity prices late in the season. Drought in the southern plains, late season flooding in the western corn belt and east coast, and delayed planting in the Midwest and Ohio Valley had traders concerned about production; the result was an incredible increase in prices in September.

While some were able to use the opportunity to price new crops, many took positions into 2012 and farther out, strategizing for profitability into the future.

The rarest occurrence of 2011 was that less than 5 percent of the corn harvested in Daviess County was planted in April; the rest went in the last two weeks of May and first week of June. Despite some issues related to green snap in the rapidly growing crop and pollination tip back due to heat and moisture stress, yields were pretty good overall. Most farms finished with corn yields 15 to 20 bushels below normal. Soybeans came in 5 to 10 bushels below normal. However, these were not below the ever increasing yield trend considering the high yields of the past four years. Wheat acres came back strong in 2011 with several thousand acres going in between October showers which ensured a perfect stand to get it off to a great start.

No one imagined when the planters rolled in May through June and into July, that the county would be all but finished harvesting before the first of November. But when the dust settled, combines were going to the shed by the end of the first week. Dry conditions which began in July lingered throughout harvest and there were only two or three days which kept combines idle. Beautiful weather ended a growing season that began with much apprehension and stress in our farming community. Farmers, landowners, and the crop suppliers persevered through the rush that followed the flood and the result was a pretty good year for Daviess County yields and an excellent year of profitability due to strong prices to go with the yields.

Every year is different, and how the next will turn out is always an unknown, but the goal is always to be successful in our farm operations while taking care of the land we depend on to take care of us. We hope you find the information provided through this publication and our entire Cooperative Extension Service useful in your farming businesses.

Clint Hardy
Daviess County Extension Agent
for Agriculture and Natural Resources

**2011 DAVIESS COUNTY COUNTYWIDE ROUNDUP CORN COMPOSITE
16 HYBRIDS • 9 COMPANIES • 6 LOCATIONS**

HYBRIDS	PPJ THOMPSON FARMS	POOLE FARMS	NEIL RUDY FARMS	BOSWELL FARMS	CECIL FARMS	WILLIAMS FARMS	HYBRID AVERAGE	RANK	AVERAGE MOISTURE
1. Dyna-Gro 57V40VT3	193.1	129.9	174.5	190.2	205.4	182.7	192.8	6	17.6
2. Wyffels W7071	190.1	136.2	170.3	190.9	170.9	174.4	178.8	11	17.4
3. DeKalb DKC63-84VT3	191.6	144.5	181.7	205.6	204.4	201.6	203.9	2	17.0
4. AgriGold A6533VT3 500	179.4	141.7	171.1	182.8	182.0	168.9	177.9	13	18.0
5. NK Brand N72F-3000GT	176.4	146.1	159.8	189.0	168.7	165.2	174.3	15	18.9
6. Garst 83S06-3111	174.2	132.2	153.9	181.7	177.8	175.7	178.4	12	18.9
7. CHECK (Pioneer P1184HR)	197.1	135.0	165.8	192.2	195.2	227.7	205.0	1	17.5
8. DeKalb DKC64-69VT3	197.2	140.2	183.2	214.4	180.5	186.7	193.9	5	17.1
9. AgriGold A6553VT3 500	189.9	132.7	164.6	218.0	205.9	180.6	201.5	4	18.7
10. NK Brand N77P-3111	173.1	125.5	162.2	202.7	194.7	173.3	190.2	7	19.3
11. Beck's 6903HR	174.2	128.9	155.4	203.7	170.0	155.7	176.5	14	18.8
12. Garst 83M47GT/CB/LL	178.6	121.0	160.8	205.3	190.2	162.2	185.9	8	17.7
13. Dyna-Gro 57V21VT3	180.3	145.8	170.1	193.2	193.1	164.5	183.6	9	18.4
14. Pioneer P1615HR	188.6	181.6	161.3	188.5	173.0	184.7	182.0	10	18.2
15. Southern States SS787GENVT2PRO	181.9	141.6	149.3	193.0	156.2	170.5	173.2	16	17.9
16. Pioneer P2088HR	192.1	146.1	182.8	191.5	212.8	203.1	202.4	3	19.9
Plot Average	184.9	139.3	166.7	196.4	186.3	179.8			

**2011 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: PPJ Thompson Farms, 10147 Jennings Rd.
Planting Date: May 5, 2011
Harvest Date: September 12, 2011
Planting Population: 34,000
Herbicides: 2.5 qts. Lexar, 2 pts. Gramoxone, 1.5 pt. Touchdown
Insecticides: None
Fertility: 187# N, 69# P₂O₅, 90# K₂O/acre
Soil Type: McGary Silt Loam
Row Width: 6 - 30 in. rows
Plot Location: Smock Road
Previous Crop: Soybeans
Check: Pioneer P1184HR

<u>HYBRID</u>	Harvest Population	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1 CHECK	27000	56.0	21.9	202.6		
2 Dyna-Gro 57V40VT3	29000	55.5	22.1	200.7	193.1	3
3 Wyffels W7071	28000	54.5	22.2	196.6	190.1	6
4 DeKalb DKC63-84VT3	27000	56.5	21.7	197.3	191.6	5
5 CHECK	31000	56.5	21.6	199.1		
6 AgriGold A6533VT3 500	28000	55.5	23.0	183.3	179.4	11
7 NK Brand N72F-3000GT	27000	54.0	25.3	179.7	176.4	13
8 Garst 83S06-3111	30000	53.5	24.0	176.9	174.2	15
9 CHECK	28000	57.0	21.8	196.5	197.1	2
10 DeKalb DKC64-69VT3	29000	57.5	20.1	197.5	197.2	1
11 AgriGold A6553VT3 500	32000	52.5	24.0	188.1	189.9	7
12 NK Brand N77P-3111	22000	55.5	23.8	169.6	173.1	16
13 CHECK	31000	57.0	21.0	188.2		
14 Beck's 6903HR	30000	58.0	22.1	168.5	174.2	14
15 Garst 83M47GT/CB/LL	32000	58.0	20.8	172.3	178.6	12
16 Dyna-Gro 57V21VT3	29000	55.0	23.4	173.6	180.3	10
17 CHECK	30000	57.5	20.7	186.5		
18 Pioneer P1615HR	28000	58.5	21.9	182.5	188.6	8
19 Southern States SS787GENVT2PRO	29000	56.5	21.4	177.3	181.9	9
20 Pioneer P2088HR	26000	56.0	24.1	188.7	192.1	4
21 CHECK	29000	57.0	21.7	192.0		
22 AgriGold A6573VT3500	26000	56.0	21.0	184.0	186.1	
Plot Average	28545	56.1	22.3	186.4		
Check Average	29333	56.8	21.5	194.2		

**2011 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: Wes Poole Farms, 12125 Dorsey Lane
Planting Date: May 13, 2011
Harvest Date: September 21, 2011
Planting Population: 32,000
Herbicides: 1 qt. Atrazine 9.0, 1 qt. Lexar, 1 qt. Gramoxone, 2 qts. Halex GT
Insecticides: 3 oz. Hero
Fertility: 196# N, 92# P₂O₅, 120# K₂O/acre
Soil Type: Elk Silt Loam
Row Width: 6 - 30 in. rows
Plot Location: Grandview Road
Previous Crop: Soybeans
Check: Pioneer P1184HR

<u>HYBRID</u>	Harvest Population	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1 CHECK	23000	59.0	17.6	153.1		
2 Dyna-Gro 57V40VT3	24000	56.5	17.9	138.4	129.9	13
3 Wyffels W7071		58.5	17.9	145.6	136.2	9
4 DeKalb DKC63-84VT3		57.0	17.6	154.9	144.5	5
5 CHECK	29000	59.5	17.4	155.1		
6 AgriGold A6533VT3 500	28000	57.0	18.5	149.8	141.7	6
7 NK Brand N72F-3000GT	31000	57.0	18.7	151.8	146.1	3
8 Garst 83S06-3111	28000	56.0	20.5	135.0	132.2	12
9 CHECK	25000	59.5	17.2	144.6	135.0	10
10 DeKalb DKC64-69VT3	31000	57.5	17.2	142.9	140.2	8
11 AgriGold A6553VT3 500	27000	56.0	18.6	137.2	132.7	11
12 NK Brand N77P-3111	28000	57.0	19.4	131.9	125.5	15
13 CHECK	27000	60.0	18.5	153.8		
14 Beck's 6903HR	29000	58.5	20.5	134.8	128.9	14
15 Garst 83M47GT/CB/LL	33000	57.0	17.3	124.0	121.0	16
16 Dyna-Gro 57V21VT3	27000	56.0	17.8	146.4	145.8	4
17 CHECK	29000	60.0	17.4	141.9		
18 Pioneer P1615HR	31000	58.5	19.1	170.8	181.6	1
19 Southern States SS787GENVT2PRO	29000	58.0	19.3	127.0	141.6	7
20 Pioneer P2088HR	25000	55.0	21.3	124.7	146.1	2
21 CHECK	27000	59.0	17.9	116.9		
Plot Average	27947	57.7	18.5	141.9		
Check Average	26667	59.5	17.7	144.2		

**2011 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: Neil Rudy Farms, 401 Steamboat Raod
Planting Date: May 12, 2011
Harvest Date: October 3, 2011
Planting Population: 29,500
Herbicides: 1 qt. Medal II, 22 oz. Roundup, 12 oz. Salvo, 3.5 pts. Halex GT
Fungicides: None
Insecticides: 1.5 oz. Tombstone
Fertility: 195# N, 92# P₂O₅, 120# K₂O/acre
Primary Soil Type: Weinbach/Ginat Silk Loam
Row Width: 8 - 30" rows
Plot Location: Hwy 60 West
Previous Crop: Soybeans
Check: Pioneer P1184HR

HYBRID	Harvest Population	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	23000	61.5	16.8	168.3		
2. Dyna-Gro 57V40VT3	31000	58.5	16.9	183.5	174.5	4
3. Wyffels W7071	28000	59.5	16.6	174.3	170.3	6
4. DeKalb DKC63-84VT3	29000	58.5	15.3	180.9	181.7	3
5. CHECK	26000	61.5	16.4	151.0		
6. AgriGold A6533VT3 500	23000	58.5	16.8	167.5	171.1	5
7. NK Brand N72F-3000GT	29000	58.5	18.5	158.1	159.8	13
8. Garst 83S06-3111	29000	57.5	18.3	154.0	153.9	15
9. CHECK	29000	62.0	16.5	157.7	165.8	8
10. DeKalb DKC64-69VT3	27000	60.0	17.1	181.7	183.2	1
11. AgriGold A6553VT3 500	28000	57.5	18.5	160.1	164.6	9
12. NK Brand N77P-3111	29000	58.5	18.9	154.6	162.2	10
13. CHECK	29000	61.5	16.8	145.6		
14. Beck's 6903HR	31000	60.5	18.8	147.2	155.4	14
15. Garst 83M47GT/CB/LL	28000	58.5	18.1	154.5	160.8	12
16. Dyna-Gro 57V21VT3	30000	58.0	18.1	165.8	170.1	7
17. CHECK	30000	62.0	17.1	154.2		
18. Pioneer P1615HR	23000	61.0	18.2	160.7	161.3	11
19. Southern States SS787GENVT2PRO	30000	60.0	17.9	149.9	149.3	16
20. Pioneer P2088HR	29000	58.5	19.5	184.9	182.8	2
21. CHECK	31000	62.0	16.6	159.0		
22. Southern States SS755GENVT3PRO	25000	58.5	16.6	169.2	169.2	
23. AgVenture RL8428HB	22000	62.0	16.7	155.9	158.9	
24. Seeds 2000 X117G3	29000	59.0	19.4	161.9	168.4	
25. CHECK	29000	61.5	16.9	147.0		
26. Pfister 2674HXTR	27000	58.0	16.1	180.2	192.2	
27. AgriGold A6489RR	25000	61.5	15.9	161.8	173.5	
28. CHECK	28000	61.5	16.8	144.0		
Plot Average	27741	59.9	17.4	161.9		
Check Average	28000	61.8	16.7	156.0		

**2011 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: Gerald & Joel Boswell Farms, 11701 Hwy 60 East
Planting Date: May 11, 2011
Harvest Date: October 14, 2011
Planting Population: 32,500
Herbicides: 5 oz. Verdict, 2 oz. Resolve, 1 qt. Medal, 2 qts. Roundup
Insecticides: 3 oz. Capture, 0.25 oz. Tombstone
Fungicides: 2 oz. Monsoon, 6 oz. Headline
Fertility: 200# N, 0# P₂O₅, 0# K₂O/acre
Primary Soil Type: Patton Silt Loam
Row Width: 8 - 30" rows
Plot Location: Ray Road
Previous Crop: Soybeans
Check: Pioneer P1184HR

HYBRID	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	61.0	16.1	208.6		
2. Dyna-Gro 57V40VT3	57.5	17.6	213.5	190.2	12
3. Wyffels W7071	57.5	16.4	213.1	190.9	11
4. DeKalb DKC63-84VT3	58.0	15.9	228.0	205.6	3
5. CHECK	61.0	15.9	203.7		
6. AgriGold A6533VT3 500	58.5	17.4	197.1	182.8	15
7. NK Brand N72F-3000GT	58.0	18.5	199.0	189.0	13
8. Garst 83S06-3111	55.5	18.4	186.9	181.7	16
9. CHECK	61.0	17.7	185.5	192.2	9
10. DeKalb DKC64-69VT3	58.0	16.8	205.8	214.4	2
11. AgriGold A6553VT3 500	56.0	17.9	199.6	218.0	1
12. NK Brand N77P-3111	56.5	19.5	176.6	202.7	6
13. CHECK	61.0	15.9	152.9		
14. Beck's 6903HR	61.0	17.2	175.3	203.7	5
15. Garst 83M47GT/CB/LL	57.0	17.4	183.5	205.3	4
16. Dyna-Gro 57V21VT3	57.0	18.0	179.2	193.2	7
17. CHECK	61.0	15.8	177.5		
18. Pioneer P1615HR	61.5	16.9	181.8	188.5	14
19. Southern States SS787GENVT2PRO	59.5	16.3	186.9	193.0	8
20. Pioneer P2088HR	58.0	18.8	186.2	191.5	10
21. CHECK	61.0	15.8	180.4		
22. Southern States SS755GENVT3PRO	59.0	16.0	188.5	201.2	
23. Augusta A5461GT/CB/LLC	56.0	16.1	195.2	217.4	
24. AgriGold A6573VT3500	57.0	17.7	171.5	199.7	
25. CHECK	61.0	15.5	151.5		
Plot Average	58.7	17.0	189.1		
Check Average	61.0	16.2	184.8		

**2011 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: Cecil Farms, 8262 Short Station Road
Planting Date: May 19, 2011
Harvest Date: October 21, 2011
Planting Population: 32,200
Herbicides: 3 qts. Lexar
Fertility: 225# N, 69# P₂O₅, 90# K₂O/acre; 3 gal. 6-24-24 starter
Primary Soil Type: Collins Silt Loam
Row Width: 4 - 30" rows
Plot Location: Short Station Road
Previous Crop: Corn
Check: Pioneer P1184HR

HYBRID	Harvest Population	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	25000	60.5	15.8	184.2		
2. Dyna-Gro 57V40VT3	21000	59.0	15.7	204.1	205.4	3
3. Wyffels W7071	27000	60.0	15.6	170.5	170.9	13
4. DeKalb DKC63-84VT3	23000	59.0	16.0	204.8	204.4	4
5. CHECK	24000	61.0	16.5	187.4		
6. AgriGold A6533VT3 500	24000	59.0	16.4	183.5	182.0	9
7. NK Brand N72F-3000GT	14000	59.0	16.3	170.5	168.7	15
8. Garst 83S06-3111	23000	58.0	16.3	180.0	177.8	11
9. CHECK	28000	60.5	15.8	188.8	195.2	5
10. DeKalb DKC64-69VT3	27000	60.0	15.9	179.1	180.5	10
11. AgriGold A6553VT3 500	31000	58.0	16.9	199.9	205.9	2
12. NK Brand N77P-3111	29000	59.5	16.8	184.9	194.7	6
13. CHECK	26000	61.5	16.1	172.8		
14. Beck's 6903HR	24000	61.0	17.2	161.2	170.0	14
15. Garst 83M47GT/CB/LL	27000	59.0	16.3	184.1	190.2	8
16. Dyna-Gro 57V21VT3	30000	60.0	16.8	190.7	193.1	7
17. CHECK	21000	61.5	16.4	187.6		
18. Pioneer P1615HR	24000	61.5	17.1	176.4	173.0	12
19. Southern States SS787GENVT2PRO	28000	61.0	16.4	161.1	156.2	16
20. Pioneer P2088HR	24000	60.5	16.6	222.0	212.8	1
21. CHECK	25000	60.5	16.1	196.5		
Plot Average	25000	60.0	16.3	185.2		
Check Average	24833	60.9	16.1	186.2		

**2011 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: Glenn Williams Farms, 24335 Hwy 811
Planting Date: June 1, 2011
Harvest Date: November 11, 2011
Planting Population: 31,000
Herbicides: 4 oz. Corvus, 22 oz. Roundup
Insecticides: None
Fertility: 180# N, 100# P₂O₅,
Primary Soil Type: Ginat Silt Loam
Row Width: 6 - 30 in. rows
Plot Location: KY 811
Previous Crop: Soybeans
Check: Pioneer P1184HR

<u>HYBRID</u>	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1 CHECK	61.5	15.7	186.4		
2 Dyna-Gro 57V40VT3	60.0	15.3	179.5	182.7	6
3 Wyffels W7071	59.0	15.6	167.6	174.4	9
4 DeKalb DKC63-84VT3	59.0	15.7	189.5	201.6	3
5 CHECK	62.0	15.8	170.5		
6 AgriGold A6533VT3 500	59.0	16.0	163.2	168.9	12
7 NK Brand N72F-3000GT	59.0	16.2	167.5	165.2	13
8 Garst 83S06-3111	57.0	16.1	186.4	175.7	8
9 CHECK	62.0	15.8	205.9	227.7	1
10 DeKalb DKC64-69VT3	61.0	15.3	196.8	186.7	4
11 AgriGold A6553VT3 500	59.0	16.2	180.4	180.6	7
12 NK Brand N77P-3111	59.5	17.1	163.7	173.3	10
13 CHECK	62.0	15.8	165.1		
14 Beck's 6903HR	61.5	16.7	144.5	155.7	16
15 Garst 83M47GT/CB/LL	58.0	16.3	156.7	162.2	15
16 Dyna-Gro 57V21VT3	59.5	16.5	165.3	164.5	14
17 CHECK	62.0	16.2	193.7		
18 Pioneer P1615HR	62.5	16.7	192.3	184.7	5
19 Southern States SS787GENVT2PRO	62.0	16.0	177.3	170.5	11
20 Pioneer P2088HR	61.0	19.1	210.8	203.1	2
21 CHECK	62.5	15.7	192.3		
22 DeKalb DKC57-50	61.0	15.2	183.0		
23 CHECK	62.0	15.6	183.8		
Plot Average	60.5	16.1	178.8		
Check Average	62.0	15.8	185.6		

**2011 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: Goetz Brothers Farms, 2605 Newbolt Road
Planting Date: May 20, 2011
Harvest Date: October 10, 2011
Planting Population: 35,000
Herbicides: 1.5 qts. Keystone, 24 oz. Durango
Fungicides: 6 oz. Headline
Insecticides: 2 oz. Tombstone
Fertility: 220# N, 89# P₂O₅, 100# K₂O/acre
Primary Soil Type: Wakeland Silt Loam
Row Width: 8 - 30" rows
Plot Location: Old Hartford Road
Previous Crop: Soybeans
Check: Pioneer P1184HR

HYBRID	Harvest Population	Test Weight	Percent Moisture	Harvested Yld Bu/A
1. CHECK		61.0	16.7	186.1
2. Dyna-Gro 57V40VT3		57.5	18.0	233.4
3. Wyffels W7071	33000	59.5	16.0	216.3
4. DeKalb DKC63-84VT3	34000	58.5	16.3	229.5
5. CHECK	32000	61.0	15.9	164.8
6. AgriGold A6533VT3 500	33000	57.5	17.8	236.1
7. NK Brand N72F-3000GT	26000	58.0	18.5	225.5
8. Garst 83S06-3111	32000	55.5	18.0	228.1
9. CHECK	10000	61.0	15.3	120.0
10. DeKalb DKC64-69VT3	30000	59.5	15.4	227.5
11. AgriGold A6553VT3 500	33000	56.5	19.6	226.0
12. NK Brand N77P-3111	30000	56.5	18.4	232.9
13. CHECK	14000	61.0	16.1	123.3
14. Beck's 6903HR	32000	60.5	17.3	212.4
15. Garst 83M47GT/CB/LL	33000	55.0	19.2	225.2
16. Dyna-Gro 57V21VT3	32000	56.5	18.4	227.9
17. CHECK	31000	61.0	16.9	182.4
18. Pioneer P1615HR	25000	60.5	17.3	195.4
19. Southern States SS787GENVT2PRO	22000	61.0	16.5	183.2
20. Pioneer P2088HR	27000	58.5	19.4	262.5
21. CHECK	11000	61.0	16.6	153.8
22. Seeds 2000 X119GCL	32000	60.0	18.3	213.4
23. Seeds 2000 X117G3	34000	59.5	18.5	204.8
24. Augusta A5461 GT/CB/LL	30000	56.5	17.1	176.2
25. CHECK	25000	61.0	15.6	163.2
26. AgriGold A6573VT3 500	35000	58.0	16.8	241.5
27. Pfister 2674 HXTR	33000	57.0	16.2	219.7
28. AgVenture RL8428HB	24000	61.5	16.2	220.8
29. CHECK	27000	61.0	15.6	149.0
Plot Average	28148	59.0	17.2	202.8
Check Average	19600	61.0	16.3	155.1

**2011 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE NON-GMO PLOT**

Cooperator: Bill Brey Farms, 11170 Hwy 764 North
Planting Date: May 12, 2011
Harvest Date: September 28, 2011
Planting Population: 30,000
Herbicides: 1 qt. Atrazine, 1 qt. Gramoxone, 3 qts. Lexar, 1 pt. Atrazine
Fungicides: None
Insecticides: 2.5 oz. Mustang
Fertility: 221# N, 92# P₂O₅, 120# K₂O/acre
Primary Soil Type: Belknap
Row Width: 6 - 30 in. rows
Plot Location: Stephens School Road
Previous Crop: Soybeans
Check: AgriGold A6677 500

HYBRID	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	57.0	22.4	228.3		
2. Dyna-Gro D50CC11	56.5	20.5	190.2	186.5	10
3. AgriGold A6478 500	60.0	19.6	204.6	199.4	8
4. DeKalb DKC61-70	57.0	19.4	194.4	188.4	9
5. CHECK	58.0	22.2	233.4		
6. Pioneer P1184	59.0	19.2	206.0	203.8	5
7. DeKalb DKC63-43	58.0	19.4	209.2	212.6	4
8. Beck's 6733	58.0	20.6	207.3	216.5	1
9. CHECK	57.5	22.0	209.3	203.7	6
10. Steyer Seeds 1156	58.0	21.1	192.4	202.0	7
11. Dyna-Gro 57N73	58.0	21.7	210.9	216.5	1
12. Pioneer 32T16	57.5	21.8	215.0	215.9	3
13. CHECK	58.0	21.7	229.0		
14. Augusta A0077Q	58.0	21.9	210.2	206.5	
PLOT AVERAGE	58.0	21.0	210.0		
CHECK AVERAGE	57.6	22.1	225.0		

University of Kentucky – State Corn Hybrid Performance Tests
May be found at:

<http://www.ca.uky.edu/agc/pubs/pr/pr624/pr624.pdf>

**KENTUCKY CORN PRODUCTION CONTEST
DAVIESS COUNTY ENTRIES**

DIVISION I - Conventional Tillage

SCOTT AND AL ZOGLMANN

Planted: 5/9/2011	Harvested: 09/27/11
Variety: Pioneer P1615HR	Moisture: 24.6
Herbicide: 1 qt. Aatrex, 2 qts. Lumax	Planting Rate: 32,000
Insecticide: 3.0 oz. Capture	Harvest Pop.: 35,000
Fungicide: None	Acreage: 1.3824
Fertility: 286# N, 138# P ₂ O ₅ , 213# K ₂ O, 3 lb. Zinc	Yield/Acre: 254.73

SCOTT AND AL ZOGLMANN

Planted: 5/9/2011	Harvested: 09/27/11
Variety: Pioneer P1745HR	Moisture: 25.1
Herbicide: 1 qt. Aatrex, 2.5 qts. Lumax	Planting Rate: 35,000
Insecticide: 3.0 oz. Capture	Harvest Pop.: 34,000
Fungicide: 12 oz. Headline	Acreage: 1.5927
Fertility: 286# N, 138# P ₂ O ₅ , 213# K ₂ O, 3 lb. Zinc	Yield/Acre: 247.45

DARRELL HAGAN FARMS

Planted: 4/9/2011	Harvested: 10/06/11
Variety: Pioneer P1420HR	Moisture: 14.7
Herbicide: 2.5 qts. Lumax, 1 lb. Atrazine	Planting Rate: 36,000
Insecticide: 3 oz. Hero	Harvest Pop.: 31,000
Fungicide: None	Acreage: 1.3043
Fertility: 265# N, 115# P ₂ O ₅ , 150# K ₂ O	Yield/Acre: 241.57

DARRELL HAGAN FARMS

Planted: 5/18/2011	Harvested: 10/14/11
Variety: Beck's 6903HR	Moisture: 14.1
Herbicide: 2.5 qts. Lumax, 1 lb. Atrazine, 2 qts. GLY-4	Planting Rate: 38,000
Insecticide: 3 oz. Hero	Harvest Pop.: 32,000
Fungicide: None	Acreage: 1.5182
Fertility: 285# N, 115# P ₂ O ₅ , 150# K ₂ O	Yield/Acre: 236.53

SPARKS FARMS

Planted: 5/10/2011	Harvested: 10/05/11
Variety: Pioneer P1745HR	Moisture: 19.7
Herbicide: 1.5 qts. Lexar, 1.5 qts. Lumax, 1 pt. Princep, 1 pt. Aatrex	Planting Rate: 35,000
Insecticide: 1 oz. Warrior	Harvest Pop.: 31,000
Fungicide: None	Acreage: 1.4292
Fertility: 236# N, 92# P ₂ O ₅ , 120# K ₂ O	Yield/Acre: 235.80

GENE GLENN

Planted: 5/17/2011	Harvested: 09/28/11
Variety: Pioneer P1420HR	Moisture: 24.5
Herbicide: 3 qts. Lexar, 22 oz. Touchdown, 1 qt. Atrazine	Planting Rate: 31,000
Insecticide: 3.4 oz. Capture LFR	Harvest Pop.: 29,000
Fungicide: None	Acreage: 1.4003
Fertility: 241.5# N, 80.5# P ₂ O ₅ , 105# K ₂ O	Yield/Acre: 235.39

SPARKS FARMS

Planted: 5/10/2011	Harvested: 10/06/11
Variety: Pioneer P1745HR	Moisture: 18.9
Herbicide: 1.5 qts. Lexar, 1.0 qts. Lumax, 1 pt. Princep, 1 pt. Aatrex	Planting Rate: 35,000
Insecticide: 1 oz. Warrior	Harvest Pop.: 31,000
Fungicide: None	Acreage: 1.2800
Fertility: 236# N, 92# P ₂ O ₅ , 120# K ₂ O	Yield/Acre: 234.58

STRODE FARMS

Planted: 6/7/2011	Harvested: 10/29/11
Variety: AgriGold 6632VT2PRO	Moisture: 20.5
Herbicide: 2.0 qts. Lexar, 22 oz. Roundup, 1 qt. Gramoxone Iteon	Planting Rate: 33,000
Insecticide: None	Harvest Pop.: 32,000
Fungicide: None	Acreage: 1.2596
Fertility: 153# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 231.99

NEWMAN GRAIN & CATTLE LLC

Planted: 5/9/2011	Harvested: 10/07/11
Variety: DeKalb 62-97 Triple Pro	Moisture: 16.1
Herbicide: 3.5 pt Halex, 1 pt. 2,4-D Salvo, 1 qt. Medal, 28 oz. Roundup Ult	Planting Rate: 33,000
Insecticide: 1.5 oz. Tombstone, 3.5 oz. Capture	Harvest Pop.: 30,000
Fungicide 6 oz. Headline	Acreage: 1.6845
Fertility: 230#N, 136 #P ₂ O ₅ , 150 #K ₂ O	Yield/Acre: 230.29

FLATLICK FARMS

Planted: 5/19/2011	Harvested: 09/29/11
Variety: Beck's 6903 HR	Moisture: 18.0
Herbicide: 5 oz. Verdict, 2.25 oz. Resolve, 48 oz. Glyphosate	Planting Rate: 32,675
Insecticide: None	Harvest Pop.: 31,500
Fungicide 6 oz. Headline	Acreage: 1.7520
Fertility: 256#N, 66 #P ₂ O ₅ , 105 #K ₂ O, 1 qt. Task Force, 1 lb. Zinc, 6 lb. Sulfu	Yield/Acre: 230.25

GOETZ BROTHERS FARMS

Planted: 5/20/2011	Harvested: 10/10/11
Variety: DeKalb DKC 64-69 VT3	Moisture: 16.9
Herbicide: 1.5 qts. Keystone, 24 oz. Durango	Planting Rate: 36,000
Insecticide: 2 oz. Tombstone	Harvest Pop.: 34,500
Fungicide 6 oz. Headline	Acreage: 1.5496
Fertility: 220#N, 89 #P ₂ O ₅ , 100 #K ₂ O	Yield/Acre: 229.14

FLATLICK FARMS

Planted: 5/10/2011	Harvested: 10/04/11
Variety: Pioneer 33D49	Moisture: 19.3
Herbicide: 5 oz. Verdict, 2.25 oz. Resolve, 48 oz. Glyphosate	Planting Rate: 33,000
Insecticide: None	Harvest Pop.: 31,500
Fungicide 6 oz. Headline	Acreage: 1.9607
Fertility: 256#N, 66 #P ₂ O ₅ , 105 #K ₂ O, 1 qt. Task Force, 1 lb. Zinc, 6 lb. Sulfu	Yield/Acre: 227.01

BEANLAND FARMS

Planted: 5/10/2011	Harvested: 09/13/11
Variety: DeKalb 63-87 VT3	Moisture: 16.0
Herbicide: 28 oz. Touchdown, 1 qt Medal 2AT, 56 oz. Halex GT	Planting Rate: 30,000
Insecticide: 1.5 oz. Tombstone, Capture	Harvest Pop.: 28,000
Fungicide 6 oz. Headline	Acreage: 1.9380
Fertility: 224#N, 113 #P ₂ O ₅ , 328 #K ₂ O, 2.5 gal. Riser, 1 gal. Impact	Yield/Acre: 224.96

DARRELL HAGAN FARMS

Planted: 4/1/2011	Harvested: 09/22/11
Variety: Pioneer P1745HR	Moisture: 20.6
Herbicide: 2.5 qts. Lumax, 1 lb. Atrazine, 2 qts. GLY-4	Planting Rate: 39,000
Insecticide: 3 oz. Hero	Harvest Pop.: 36,000
Fungicide: None	Acreage: 1.3101
Fertility: 180# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 223.61

DARRELL HAGAN FARMS

Planted: 4/1/2011	Harvested: 09/22/11
Variety: Pioneer P1615HR	Moisture: 19.9
Herbicide: 2.5 qts. Lumax, 1 lb. Atrazine, 2 qts. GLY-4	Planting Rate: 42,000
Insecticide: 3 oz. Hero	Harvest Pop.: 36,000
Fungicide: None	Acreage: 1.2928
Fertility: 180# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 221.27

FLATLICK FARMS

Planted: 5/19/2011	Harvested: 09/29/11
Variety: Pioneer 1615HR	Moisture: 18.0
Herbicide: 5 oz. Verdict, 2.25 oz. Resolve, 48 oz. Glyphosate	Planting Rate: 32,950
Insecticide: None	Harvest Pop.: 29,000
Fungicide 6 oz. Headline	Acreage: 1.7279
Fertility: 256#N, 66 #P ₂ O ₅ , 105 #K ₂ O, 1 qt. Task Force, 1 lb. Zinc, 6 lb. Sulfu	Yield/Acre: 218.57

BOBBY GLENN

Planted: 5/12/2011	Harvested: 10/29/11
Variety: Pioneer P1615HR	Moisture: 15.2
Herbicide: 3 qts. Lexar, 22 oz. Touchdown, 1 qt. Atrazine	Planting Rate: 31,000
Insecticide: 3.4 oz. Capture LFR	Harvest Pop.: 31,000
Fungicide: None	Acreage: 1.2933
Fertility: 246# N, 92# P ₂ O ₅ , 120# K ₂ O	Yield/Acre: 213.10

FLATLICK FARMS

Planted: 5/19/2011	Harvested: 09/29/11
Variety: AgriGold 6633VT3	Moisture: 19.3
Herbicide: 5 oz. Verdict, 2.25 oz. Resolve, 48 oz. Glyphosate	Planting Rate: 32,800
Insecticide: None	Harvest Pop.: 28,500
Fungicide 6 oz. Headline	Acreage: 1.7520
Fertility: 256#N, 66 #P ₂ O ₅ , 105 #K ₂ O, 1 qt. Task Force, 1 lb. Zinc, 6 lb. Sulfu	Yield/Acre: 206.16

DARRELL HAGAN FARMS

Planted: 5/11/2011	Harvested: 10/17/11
Variety: Garst 83C55-3111	Moisture: 16.2
Herbicide: 2.5 qts. Lumax, 1 lb. Atrazine, 2 qts. GLY-4	Planting Rate: 36,000
Insecticide: 3 oz. Hero	Harvest Pop.: 31,000
Fungicide: None	Acreage: 1.3552
Fertility: 256# N, 92# P ₂ O ₅ , 120# K ₂ O	Yield/Acre: 185.29

DIVISION II - No-Tillage

PPJ THOMPSON FARMS

Planted: 5/6/2011	Harvested: 09/14/11
Variety: Pioneer P1745HR	Moisture: 23.8
Herbicide: 2 pts. Gramoxone, 3.0 qts. Lexar, 1 qt. Atrazine, 1.5 qts. Touc	Planting Rate: 37,000
Fungicide: 6.0 oz. Quadris	Harvest Pop.: 35,500
Insecticide: 3.4 oz Capture	Acreage: 1.5823
Fertility: 187# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 257.78

PPJ THOMPSON FARMS

Planted: 4/30/2011	Harvested: 09/13/11
Variety: DeKalb DKC64-69	Moisture: 18.3
Herbicide: 2 pts. Gramoxone, 3.0 qts. Lexar, 1 qt. Atrazine, 1.5 qts. Touc	Planting Rate: 37,000
Fungicide: 6.0 oz. Quadris	Harvest Pop.: 35,500
Insecticide: 3.4 oz. Capture	Acreage: 1.3433
Fertility: 187# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 250.88

PPJ THOMPSON FARMS

Planted: 5/6/2011	Harvested: 09/14/11
Variety: Pioneer 1615HR	Moisture: 24.5
Herbicide: 2 pts. Gramoxone, 3.0 qts. Lexar, 1 qt. Atrazine, 1.5 qts. Touc	Planting Rate: 37,000
Fungicide: 6.0 oz. Quadris	Harvest Pop.: 35,000
Insecticide: 3.4 oz. Capture	Acreage: 1.4232
Fertility: 187# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 244.29

RICK & PHILIP CASTLEN

Planted: 5/6/2011	Harvested: 09/10/11
Variety: Pioneer P1184	Moisture: 23.3
Herbicide: 44 oz. Roundup, 2 pts. Aatrex, 4.8 qts. Lumax	Planting Rate: 36,000
Fungicide: None	Harvest Pop.: 34,500
Insecticide: 1 oz. Warrior, 3 oz. Capture	Acreage: 1.5459
Fertility: 210# N, 80# P ₂ O ₅ , 105# K ₂ O	Yield/Acre: 230.50

RICK & PHILIP CASTLEN

Planted: 5/6/2011	Harvested: 09/10/11
Variety: Pioneer P1184	Moisture: 23.7
Herbicide: 44 oz. Roundup, 2 pts. Aatrex, 4.8 qts. Lumax	Planting Rate: 36,000
Fungicide: None	Harvest Pop.: 34,500
Insecticide: 1 oz. Warrior, 3 oz. Capture	Acreage: 1.5110
Fertility: 210# N, 80# P ₂ O ₅ , 105# K ₂ O	Yield/Acre: 230.20

RICK & PHILIP CASTLEN

Planted: 5/12/2011	Harvested: 10/11/11
Variety: Pioneer 32D79	Moisture: 16.0
Herbicide: 44 oz. Roundup, 2 pts. Aatrex, 4.8 qts. Lumax	Planting Rate: 36,000
Fungicide: None	Harvest Pop.: 35,000
Insecticide: 1 oz. Warrior, 3 oz. Capture	Acreage: 1.2617
Fertility: 210# N, 80# P ₂ O ₅ , 105# K ₂ O	Yield/Acre: 229.88

JIMMY GILLES

Planted: 5/10/2011	Harvested: 10/14/11
Variety: AgriGold A6632VT3	Moisture: 14.4
Herbicide: 1 qt. Roundup, 2.5 pts. Bicep	Planting Rate: 32,000
Fungicide: None	Harvest Pop.: 29,500
Insecticide: 2 oz. Tombstone	Acreage: 1.2956
Fertility: 200# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 228.98

RICK & PHILIP CASTLEN

Planted: 5/12/2011	Harvested: 10/11/11
Variety: Pioneer P1745HR	Moisture: 15.8
Herbicide: 44 oz. Roundup, 2 pts. Aatrex, 4.8 qts. Lumax	Planting Rate: 36,000
Insecticide: 1 oz. Warrior, 3 oz. Capture	Harvest Pop.: 34,500
Fungicide: None	Acreage: 1.2713
Fertility: 210# N, 80# P ₂ O ₅ , 105# K ₂ O	Yield/Acre: 228.69

RICK & PHILIP CASTLEN

Planted: 5/12/2011	Harvested: 10/28/11
Variety: Pioneer P1253HR	Moisture: 15.4
Herbicide: 44 oz. Roundup, 2 pts. Aatrex, 4.8 qts. Lumax	Planting Rate: 36,000
Insecticide: 1 oz. Warrior, 3 oz. Capture	Harvest Pop.: 35,000
Fungicide: None	Acreage: 1.8163
Fertility: 210# N, 80# P ₂ O ₅ , 105# K ₂ O	Yield/Acre: 223.63

MATT CASTLEN

Planted: 5/2/2011	Harvested: 09/27/11
Variety: Pioneer P1184HR	Moisture: 18.6
Herbicide: 2 qts. Roundup, 3 qts. Lexar	Planting Rate: 32,000
Fungicide: None	Harvest Pop.: 31,500
Insecticide: None	Acreage: 1.4224
Fertility: 180# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 223.48

STEVE TURNER

Planted: 5/13/2011	Harvested: 10/04/11
Variety: Pioneer P1184HR	Moisture: 16.5
Herbicide: 3 pts. Halex GT, 1 pt. Atrazine	Planting Rate: 29,000
Insecticide: None	Harvest Pop.: 29,000
Fungicide: None	Acreage: 1.7338
Fertility: 180 #N, 66 #P ₂ O ₅ , 112 #K ₂ O, 5 gal. 7-24-24	Yield/Acre: 218.20

JEFF COKE

Planted: 5/12/2011	Harvested: 09/16/11
Variety: Pioneer P1184HR	Moisture: 26.6
Herbicide: 5 oz. Verdict, 1 oz. Resolve, 1.25 oz Resolve Q	Planting Rate: 33,500
Insecticide: 3.2 oz. Capture, 1.6 oz. Tombstone	Harvest Pop.: 31,000
Fungicide: 6 oz. Headline, 2 oz. Monsoon	Acreage: 1.5280
Fertility: 210 #N, 69 #P ₂ O ₅ , 90 #K ₂ O, 5 gal. Greenflag, 1 qt. Task Force	Yield/Acre: 202.21

CLINT HARDY

Planted: 4/8/2011	Harvested: 09/12/11
Variety: Pioneer P1184R	Moisture: 17.2
Herbicide: 1.5 pt Gramoxone, 2 qt Touchdown, 1 pt. 2,4-D, 3 qt. Lexa	Planting Rate: 32,000
Insecticide: None	Harvest Pop.: 26,500
Fungicide: None	Acreage: 1.5172
Fertility: 235 #N, 58 #P ₂ O ₅ , 75 #K ₂ O	Yield/Acre: 183.13

DIVISION III - White Corn

TIM HORN

Planted: 5/10/2011	Harvested: 09/22/11
Variety: Pioneer 33F12	Moisture: 20.2
Herbicide: 22 oz. Roundup, 1 pt. Atrazine, 1 qt. Guardsman	Planting Rate: 32,000
Insecticide: 1.6 oz. Tombstone	Harvest Pop.: 31,000
Fungicide: 10 oz. Quilt	Acreage: 1.6997
Fertility: 245 #N, 115 #P ₂ O ₅ , 150 #K ₂ O	Yield/Acre: 216.21

PPJ THOMPSON FARMS

Planted: 5/10/2011	Harvested: 09/21/11
Variety: Pioneer P1995WHR	Moisture: 25.0
Herbicide: 1 qt. Gramoxone, 2.5 qts. Lexar, 1.5 pts. Touchdown	Planting Rate: 28,000
Fungicide: None	Harvest Pop.: 26,500
Insecticide: 3.4 oz. Capture	Acreage: 1.8764
Fertility: 187# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre: 219.44

HUBERT BEYKE & SONS FARMS

Planted: 5/10/2011	Harvested: 09/29/11
Variety: Pioneer 32B10	Moisture: 23.0
Herbicide: 2.5 qt. Lumax	Planting Rate: 32,000
Insecticide: 2.5 oz. Tombstone	Harvest Pop.: 29,000
Fungicide: 6 oz. Headline	Acreage: 1.3353
Fertility: 250 #N, 103.5 #P ₂ O ₅ , 135 #K ₂ O	Yield/Acre: 208.13

DIVISION IV - Irrigated

OBRYAN GRAIN FARMS, INC.

Planted: 5/12/2011	Harvested: 09/13/11
Variety: Pioneer P1184 HR	Moisture: 23.5
Herbicide: 1.5 pt Gramoxone, 1 qt Atrazine, 3 qt Lexar, 24 oz. Roundup	Planting Rate: 36,000
Insecticide: 3 oz. Tombstone	Harvest Pop.: 33,000
Fungicide: 6 oz. Quadris, 5 oz. Quilt	Acreage: 1.6395
Fertility: 135 #N, 0 #P ₂ O ₅ , 0 #K ₂ O; 3000 lb. swine manure compost	Yield/Acre: 232.71

Corn Strip Checks Continued

KENNY FISCHER - LITTLE HICKORY FARMS

Planting Date: May 10, 2011

Harvested: September 23, 2011

<u>HYBRID</u>	<u>Test Weight</u>	<u>Moisture</u>	<u>Yield</u>
Seed 2000 X114G3	54.0	22.9	193.3
Exsegen ES518	58.0	23.3	214.5
Garst 83C55-3111	55.0	24.6	207.0
NK 72F-3000	54.0	25.3	204.7
Seed 2000 Y112G3	52.5	23.9	208.8
Exsegen ES518	56.5	23.9	209.6
Pioneer P1253R	59.5	21.7	200.5
Pioneer P1184R	59.0	19.4	197.8
Exsegen ES518	59.0	20.4	207.3
Garst 83S06	55.0	20.6	211.4

DAVISS COUNTY SILAGE PLOT

Cooperator: John Kuegel
 Planting Date: May 25, 2011
 Harvest Date: September 6, 2011
 Irrigated: Not Irrigated
 Tillage: Conventional
 Planting Rate: 32,000

BRAND	PRODUCT	SEGMENT	Tons 30%	% DM	% Strch	%FB DG	Milk/Ac	Milk/Ton
PIONEER	33V16	RR2/YGCB	44.4	46.0	32.6	42.7	43,991	3,303
MYCOGEN	F2F622	HX1/LL/RR2	22.8	67.4	42.0	50.8	25,069	3,665
PIONEER	P1376XR	HXX/LL/RR2	33.4	47.3	32.3	50.3	34,672	3,460
PIONEER	P1319HR	HX1/LL/RR2	37.2	44.0	35.0	45.3	38,279	3,430
MYCOGEN	TMF2W727	HXX/LL/RR2	33.1	44.7	26.5	44.9	31,756	3,198
PIONEER	33F90AM1	AM1/LL/RR2	37.9	48.1	41.5	45.9	41,339	3,636
PIONEER	P1404HR	HX1/LL/RR2	40.6	45.4	25.0	45.0	37,627	3,089
DEKALB	DKC64-69	VT3P	30.1	47.8	42.5	45.2	32,691	3,620
NK BRAND	N78N-3000GT	CB/GT/LL/RW	33.7	43.7	38.3	46.3	35,864	3,547
PIONEER	P1615HR	HX1/LL/RR2	36.4	45.6	36.1	43.2	37,076	3,395
NK BRAND	N82V-3000GT	CB/GT/LL/RW	35.4	44.9	37.9	45.6	37,365	3,518
PIONEER	P1745AM1	AM1/LL/RR2	32.1	42.6	26.5	41.9	28,847	2,996
DEKALB	DKC67-88	VT3P	36.3	46.1	33.4	43.7	35,862	3,293
PIONEER	31G67AM1	AM1/LL/RR2	29.1	43.8	25.4	43.2	27,650	3,167
PIONEER	P2088HR	HX1/LL/RR2	41.2	43.3	30.1	45.2	40,491	3,312

**2011 DAVIESS COUNTY COUNTYWIDE EARLY MATURITY
 ROUNDUP READY SOYBEAN COMPARISON
 5 COMPANIES • 10 VARIETIES • 2 LOCATIONS**

VARIETY	CECIL FARMS	BOSWELL FARMS	AVERAGE	AVERAGE MOISTURE
1. Dyna-Gro 38RY28	63.8	76.8	76.8	11.1
2. Beck's 294NR	78.1	74.3	74.3	10.8
3. Stine 29RB82	81.1	72.7	72.7	10.6
4. Steyer 3001R2	79.9	73.5	73.5	11.1
5. Dyna-Gro 39RY30	82.4	74.8	74.8	11.4
6. Asgrow AG3130	74.9	72.0	72.0	10.6
7. Stine 31RB80	80.8	72.3	72.3	10.8
8. Beck's 325NR	89.6	72.6	72.6	10.8
9. Asgrow AG3231	82.6	81.4	81.4	11.2
10. Steyer 3490RR	73.3	72.2	72.2	11.7
 PLOT AVERAGE	 78.6	 74.3		

**2011 DAVIESS COUNTY EARLY MATURITY ROUNDUP READY
COUNTYWIDE SOYBEAN VARIETY TEST PLOT**

Cooperator: Cecil Farms, 8262 Short Station Road
Planting Date: May 6, 2011
Harvest Date: September 13, 2011
Planting Population: 128,000
Herbicides: 2 qts. Roundup
Insecticides: None
Fungicides: None
Primary Soil Type: Collins Silt Loam
Fertility: None
Row Width: 14 - 15" rows
Plot Location: Short Station Road
Previous Crop: Corn

VARIETY	LODGING SCORE	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Dyna-Gro 38RY28	1	56.0	10.6	63.8	10
2. Beck's 294NR	1	56.5	10.2	78.1	7
3. Stine 29RB82	2	56.0	10.2	81.1	4
4. Steyer 3001R2	2	55.5	11.3	79.9	6
5. Dyna-Gro 39RY30	2	57.0	11.7	82.4	3
6. Asgrow AG3130	3	56.0	10.7	74.9	8
7. Stine 31RB80	2	56.5	10.5	80.8	5
8. Beck's 325NR	2	57.0	10.6	89.6	1
9. Asgrow AG3231	1	56.5	10.6	82.6	2
10. Steyer 3490RR	1	56.5	10.3	73.3	9
11. NK Brand S29-W7	1	57.0	10.5	78.7	
Plot Average		56.4	10.7	78.7	

Lodging Score: 1 = All plants are standing
5 = All plants are over badly

**2011 DAVIESS COUNTY EARLY MATURITY ROUNDUP READY
COUNTYWIDE SOYBEAN VARIETY TEST PLOT**

Cooperator: Gerald & Joel Boswell
Planting Date: May 9, 2011
Harvest Date: September 17, 2011
Planting Population: 140,000
Herbicides: 5 oz. Verdict, 2 qts. Roundup, 4 oz. Resource
Fungicides: None
Fertility: None
Primary Soil Type: Montgomery Silty Clay Loam
Row Width: 46 - 7.5" rows
Plot Location: Highway 657
Previous Crop: Corn

VARIETY	LODGING SCORE	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
Pioneer 92Y80		55.0	12.0	78.4	
1. Dyna-Gro 38RY28	1	55.0	11.6	76.8	2
2. Beck's 294NR	1		11.4	74.3	4
3. Stine 29RB82	2	56.0	10.9	72.7	6
4. Steyer 3001R2	3	55.0	10.8	73.5	5
5. Dyna-Gro 39RY30	1	56.0	11.0	74.8	3
6. Asgrow AG3130	3	57.5	10.4	72.0	10
7. Stine 31RB80	2	56.0	11.1	72.3	8
8. Beck's 325NR	1	55.5	10.9	72.6	7
9. Asgrow AG3231	1	55.5	11.8	81.4	1
10. Steyer 3490RR	1	55.0	13.0	72.2	9
Pioneer 92Y80		55.0	11.1	69.5	
Plot Average	2	55.7	11.3	74.3	

Lodging Score: 1 = All plants are standing
5 = All plants are over badly

NOTE: Photo on front cover was taken during harvest of this plot.

**2011 DAVIESS COUNTY COUNTYWIDE ROUNDUP READY SOYBEAN COMPOSITE
9 COMPANIES • 17 VARIETIES • 3 LOCATIONS**

VARIETY	PPJ THOMPSON FARMS	GLENN WILLIAMS	DON & TOM		RANK	AVERAGE MOISTURE
			CECIL FARMS	AVERAGE		
1. NK Brand S38-H8	55.9	60.5	63.4	62.0	16	12.2
2. Dyna-Gro 37RY39	56.0	67.5	66.3	66.9	10	11.9
3. Pioneer 93Y92	58.4	64.5	63.4	63.9	15	11.5
4. Asgrow AG4032	63.4	72.6	66.3	69.5	5	11.5
5. Channel 4101R2	61.6	70.2	60.6	65.4	14	11.8
6. Beck's 432NR	57.8	69.8	62.6	66.2	12	11.4
7. Stine 43RB82	58.0	69.4	66.6	68.0	6	11.1
8. Steyer Brand 4501R2	62.3	71.3	62.6	67.0	9	11.3
9. Dyna-Gro 38RY45	60.1	74.8	69.0	71.9	2	11.6
10. Channel 4501R2	61.2	73.8	73.9	73.8	1	11.4
11. Southern States SS4510NR2	52.2	69.4	65.5	67.4	7	11.4
12. Asgrow AG4632	55.7	70.3	63.9	67.1	8	11.5
13. Pioneer 94Y70	48.9	68.6	64.3	66.4	11	10.9
14. Stine 4782-4	53.0	70.3	61.4	65.8	13	11.1
15. Steyer Brand 4710RR	52.0	68.7	71.4	70.1	3	11.3
16. Southern States SS4700R2	50.4	68.4	70.6	69.5	4	11.3
17. Beck's 491NR	50.0	60.1	60.8	60.5	17	10.4
 PLOT AVERAGE	 56.3	 68.8	 65.4			

**2011 DAVIESS COUNTY ROUNDUP READY
COUNTYWIDE SOYBEAN VARIETY TEST PLOT**

Cooperator: PPJ Thompson Farms, 10147 Jennings Road
Planting Date: May 12, 2010
Harvest Date: October 5, 2011
Planting Population: 150,000
Herbicides: 2 qts. Roundup
Fungicides: None
Insecticides: None
Fertility: None
Primary Soil Type: McGary/Henshaw Silt Loam
Row Width: 46 - 7.5" rows
Plot Location: Curdsville Delaware Road
Previous Crop: Corn

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NK Brand S38-H8	57.0	11.9	55.9	10
2. Dyna-Gro 37RY39	57.0	11.7	56.0	9
3. Pioneer 93Y92	57.5	11.3	58.4	6
4. Asgrow AG4032	56.0	11.5	63.4	1
5. Channel 4101R2	57.5	11.9	61.6	3
6. Beck's 432NR	57.0	10.9	57.8	8
7. Stine 43RB82	58.0	10.7	58.0	7
8. Steyer Brand 4501R2	57.5	11.1	62.3	2
9. Dyna-Gro 38RY45	58.0	11.6	60.1	5
10. Channel 4501R2	58.0	11.2	61.2	4
11. Southern States SS4510NR2	58.0	11.1	52.2	13
12. Asgrow AG4632	56.0	11.7	55.7	11
13. Pioneer 94Y70	58.5	11.0	48.9	17
14. Stine 4782-4	57.0	10.5	53.0	12
15. Steyer Brand 4710RR	58.0	10.3	52.0	14
16. Southern States SS4700R2	57.5	11.2	50.4	15
17. Beck's 491NR	58.5	9.6	50.0	16
18. NK Brand S48-C9	57.5	11.1	49.1	
Plot Average	57.5	11.1	56.3	

**2011 DAVIESS COUNTY ROUNDUP READY
COUNTYWIDE SOYBEAN VARIETY TEST PLOT**

Cooperator: Glenn Williams, 24335 Hwy 811
Planting Date: June 8, 2011
Harvest Date: October 12, 2011
Planting Population: 132,000
Herbicides: 22 oz. Roundup
Fungicides: None
Insecticides: None
Fertility: None
Primary Soil Type: Karnak Silty Clay Loam
Row Width: 20 - 15" rows
Plot Location: East Petit Road
Previous Crop: Corn

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NK Brand S38-H8	56.5	12.3	60.5	16
2. Dyna-Gro 37RY39	54.5	11.8	67.5	14
3. Pioneer 93Y92	54.5	11.1	64.5	15
4. Asgrow AG4032	54.0	11.1	72.6	3
5. Channel 4101R2	56.0	11.5	70.2	7
6. Beck's 432NR	55.5	11.3	69.8	8
7. Stine 43RB82	57.0	11.0	69.4	10
8. Steyer Brand 4501R2	56.5	11.2	71.3	4
9. Dyna-Gro 38RY45	57.0	11.5	74.8	1
10. Channel 4501R2	57.5	11.3	73.8	2
11. Southern States SS4510NR2	58.0	11.5	69.4	9
12. Asgrow AG4632	56.0	12.5	70.3	5
13. Pioneer 94Y70	58.0	11.2	68.6	12
14. Stine 4782-4	56.5	12.0	70.3	6
15. Steyer Brand 4710RR	57.5	11.8	68.7	11
16. Southern States SS4700R2	58.0	11.6	68.4	13
17. Beck's 491NR	57.5	10.7	60.1	17
18. NK Brand S449-A5	57.0	11.6	60.0	
Plot Average	56.5	11.5	68.8	

All plants standing

**2011 DAVIESS COUNTY ROUNDUP READY
COUNTYWIDE SOYBEAN VARIETY TEST PLOT**

Cooperator: Don & Tom Cecil Farms, 8262 Short Station Road
Planting Date: June 6, 2011
Harvest Date: October 25, 2011
Planting Population: 128,000
Herbicides: 1 qt. Roundup, 6 oz. Cobra, 1 pt. crop oil,
6 oz. Shadow-Generic Select
Insecticides: None
Fungicides: None
Fertility: 0# N, 22.5# P₂O₅, 198# K₂O/acre; 2 lb. sugar, 1 gal.
Presto-mix, 6 oz. Phoenix 0-0-60, 1 gal. Coron 25-0-0
Primary Soil Type: Belknap Silt Loam
Row Width: 9 - 15" rows
Plot Location: Yelvington-Knottsville Road
Previous Crop: Corn

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NK Brand S38-H8	57.0	12.3	63.4	12
2. Dyna-Gro 37RY39	56.5	12.2	66.3	6
3. Pioneer 93Y92	57.0	12.0	63.4	11
4. Asgrow AG4032	56.5	12.0	66.3	6
5. Channel 4101R2	57.5	12.0	60.6	17
6. Beck's 432NR	57.0	11.9	62.6	13
7. Stine 43RB82	57.0	11.6	66.6	5
8. Steyer Brand 4501R2	57.5	11.5	62.6	13
9. Dyna-Gro 38RY45	57.0	11.7	69.0	4
10. Channel 4501R2	57.0	11.7	73.9	1
11. Southern States SS4510NR2	56.5	11.5	65.5	8
12. Asgrow AG4632	57.5	11.2	63.9	10
13. Pioneer 94Y70	57.5	11.1	64.3	9
14. Stine 4782-4	57.0	11.1	61.4	15
15. Steyer Brand 4710RR	58.0	11.0	71.4	2
16. Southern States SS4700R2	57.0	10.9	70.6	3
17. Beck's 491NR	58.5	10.8	60.8	16
18. NK Brand S49-A5	57.5	11.1	67.5	
Plot Average	57.2	11.6	65.4	

University of Kentucky – State Soybean Variety Tests

May be found at:

<http://www.ca.uky.edu/agc/pubs/pr/pr625/pr625.pdf>

**KENTUCKY SOYBEAN PRODUCTION CONTEST
DAVIESS COUNTY ENTRIES**

DIVISION I - Single Crop

CASTLEN BROTHERS FARMS

Planted: 5/31/2011	Harvested: 10/5/11
Variety: Pioneer 94Y22	Moisture: 11.0
Herbicide: 1.2 pts. Boundary, 20 oz. Roundup Weathermax, 3 pts. Flexstar	Planting Rate: 152,000
Insecticide: 1.0 oz. Warrior	Acreage: 3.7240
Fungicide: None	Tillage: No-till
Fertility: 0 #N, 23# P ₂ O ₅ , 60 K ₂ O	Yield/Acre: 79.84

SBJ FISCHER FARMS

Planted: 5/13/2011	Harvested: 10/1/11
Variety: Dyna-Gro 37P37	Moisture: 11.5
Herbicide: 44 oz. Roundup Powermax	Planting Rate: 150,000
Insecticide: 1.0 oz. Tombstone	Acreage: 3.5280
Fungicide: 4 oz. Headline	Tillage: Conventional
Fertility: None	Yield/Acre: 79.29

PPJ THOMPSON FARMS

Planted: 5/11/2011	Harvested: 10/4/11
Variety: Pioneer 94Y70	Moisture: 9.7
Herbicide: 2 qts. Roundup	Planting Rate: 150,000
Insecticide: None	Acreage: 5.1170
Fungicide: None	Tillage: No-till
Fertility: None	Yield/Acre: 74.91

CASTLEN BROTHERS FARMS

Planted: 5/20/2011	Harvested: 9/29/11
Variety: Beck's 362NR	Moisture: 15.3
Herbicide: 1.2 pts. Boundary, 22 oz. Roundup Weathermax, 3 pts. Flexstar	Planting Rate: 150,000
Insecticide: 2.56 oz. Warrior	Acreage: 3.5850
Fungicide: None	Tillage: No-till
Fertility: 0 #N, 0# P ₂ O ₅ , 90 K ₂ O; 2 qts. Coron	Yield/Acre: 74.68

SPARKS FARMS

Planted: 6/1/2011	Harvested: 10/5/11
Variety: Dyna-Gro 37P37	Moisture: 11.2
Herbicide: 1.25 pts. Boundary, 1.5 pts. Gramoxone, 3 pts. Flexstar GT	Planting Rate: 175,000
Insecticide: Hero	Acres: 4.2380
Fungicide: 4 oz. Quadris	Tillage: No-till
Fertility: 1 qt. CropCarb, 1 qt. PerkPlus	Yield/Acre: 74.01

GOETZ BROTHERS FARMS

Planted: 6/1/2011	Harvested: 10/5/11
Variety: Becks 432	Moisture: 13.5
Herbicide: 1/2 rate Authority, 48 oz. Durango, 2 pts. Flexstar GT	Planting Rate: 155,000
Insecticide: Tombstone	Acres: 3.6650
Fungicide: Headline	Tillage: Conventional
Fertility: 5 gallon 3-18-18	Yield/Acre: 73.60

SPARKS FARMS

Planted: 5/13/2011	Harvested: 9/30/11
Variety: Becks 294NR	Moisture: 11.1
Herbicide: 3 pts. Boundary, 2 pts. Gramoxone, 1 oz. Sharpen, 3 pts. Flexsta	Planting Rate: 155,000
Insecticide: 2 oz. Warrior	Acres: 3.7210
Fungicide: 4 oz. Quadris	Tillage: No-till
Fertility: 1 qt. CropCarb	Yield/Acre: 72.77

CECIL FARMS

Planted: 5/25/2011	Harvested: 9/30/11
Variety: NK Brand S38H8	Moisture: 10.7
Herbicide: 6 oz. Cobra, 6 oz. Shadow	Planting Rate: 128,000
Insecticide: None	Acres: 6.0630
Fungicide: 6 oz. Quadris	Tillage: No-till
Fertility: 18# N, 46# P ₂ O ₅ , 60# K ₂ O	Yield/Acre: 71.89

PPJ THOMPSON FARMS

Planted: 5/11/2011	Harvested: 10/4/11
Variety: Pioneer 94Y50	Moisture: 10.0
Herbicide: None	Planting Rate: 150,000
Insecticide: None	Acreage: 4.1530
Fungicide: None	Tillage: No-till
Fertility: None	Yield/Acre: 70.90

MATT CASTLEN

Planted: 5/16/2011	Harvested: 9/30/11
Variety: Beck's 432NR	Moisture: 11.5
Herbicide: 2 qts. Roundup	Planting Rate: 165,000
Insecticide: None	Acreage: 5.6680
Fungicide: None	Tillage: No-till
Fertility: None	Yield/Acre: 70.59

SPARKS FARMS

Planted: 5/13/2011	Harvested: 9/30/11
Variety: Becks 294NR	Moisture: 11.3
Herbicide: 3 pts. Boundary, 2 pts. Gramoxone, 1 oz. Sharpen, 3 pts. Flexstar	Planting Rate: 155,000
Insecticide: 2 oz. Warrior	Acreage: 3.7760
Fungicide: 4 oz. Quadris	Tillage: No-till
Fertility: 1 qt. CropCarb	Yield/Acre: 69.75

HORN FARMS

Planted: 5/31/2011	Harvested: 10/1/11
Variety: Beck's 362NR	Moisture: 11.9
Herbicide: 44 oz. Roundup Weathermax	Planting Rate: 120,000
Insecticide: None	Acreage: 3.5420
Fungicide: None	Tillage: No-till
Fertility: 0# N, 0# P ₂ O ₅ , 60# K ₂ O	Yield/Acre: 67.18

SPARKS FARMS

Planted: 6/2/2011	Harvested: 10/4/11
Variety: DynaGro 37P37	Moisture: 10.5
Herbicide: 3 pts. Boundary, 2 pts. Gramoxone, 1 oz. Sharpen, 3 pts. Flexstar	Planting Rate: 155,000
Insecticide: 2 oz. Warrior	Acreage: 3.7670
Fungicide: 4 oz. Quadris	Tillage: No-till
Fertility: 1 qt. Perk Plus	Yield/Acre: 65.26

GOETZ BROTHERS FARMS

Planted: 6/2/2011	Harvested: 10/3/11
Variety: Becks 432	Moisture: 10.9
Herbicide: 1.5 oz. Optil, 24 oz. Durango	Planting Rate: 161,000
Insecticide: 2 oz. Tombstone	Acreage: 7.3260
Fungicide: 6 oz. Headline	Tillage: Conventional
Fertility: 10# N, 46# P ₂ O ₅ , 60# K ₂ O	Yield/Acre: 65.23

SPARKS FARMS

Planted: 5/13/2011	Harvested: 9/30/11
Variety: Beck's 294NR	Moisture: 11.3
Herbicide: 3 pt. Boundary, 2 pts. Gramoxone, 1 oz. Sharpen, 3 pts. Flex	Planting Rate: 155,000
Insecticide: 2 oz. Warrior	Acreage: 4.0680
Fungicide: 4 oz. Quadris	Tillage: No-till
Fertility: 1 qt. CropCarb	Yield/Acre: 64.74

DARRELL HAGAN FARMS

Planted: 5/25/2011	Harvested: 10/18/11
Variety: Pioneer 94Y20	Moisture: 11.1
Herbicide: 2 qts. Roundup	Planting Rate: 160,000
Insecticide: None	Acreage: 3.6390
Fungicide: None	Tillage: Conventional
Fertility: None	Yield/Acre: 63.08

WES POOLE

Planted: 5/18/2011	Harvested: 10/7/11
Variety: Asgrow 4303RR	Moisture: 10.3
Herbicide: 32 oz. Roundup PowerMax	Planting Rate: 140,000
Insecticide: None	Acreage: 5.0630
Fungicide: None	Tillage: Conventional
Fertility: None	Yield/Acre: 60.68

HORN FARMS

Planted: 5/10/2011	Harvested: 10/1/11
Variety: Beck's 362NR	Moisture: 12.4
Herbicide: 44 oz. Roundup Weathermax	Planting Rate: 155,000
Insecticide: 1 oz. Tombstone	Acreage: 3.3920
Fungicide: 2 oz. Aftershock	Tillage: No-till
Fertility: 27# N, 69# P ₂ O ₅ , 90# K ₂ O, 32 oz. Task Force	Yield/Acre: 60.65

PPJ THOMPSON FARMS

Planted: 5/11/2011	Harvested: 10/4/11
Variety: Beck's 432NR	Moisture: 11.3
Herbicide: 2 qts Roundup	Planting Rate: 150,000
Insecticide: None	Acreage: 4.5720
Fungicide: None	Tillage: No-till
Fertility: None	Yield/Acre: 59.76

DIVISION II - Double Crop

GOETZ BROTHERS FARMS

Planted: 7/2/2011	Harvested: 11/2/11
Variety: Becks 445	Moisture: 10.3
Herbicide: 24 oz. Durango	Planting Rate: 136,000
Insecticide: 1.5 oz. Tombstone	Acreage: 3.1320
Fungicide: 6 oz. Headline	Tillage: No-till
Fertility: 4 gallon 3-18-18	Yield/Acre: 74.28

PPJ THOMPSON FARMS

Planted: 7/2/2011	Harvested: 10/31/11
Variety: Beck's 432	Moisture: 11.2
Herbicide: 1 qt. Roundup	Planting Rate: 160,000
Insecticide: None	Acreage: 3.5550
Fungicide: None	Tillage: No-till
Fertility: None	Yield/Acre: 61.03

PPJ THOMPSON FARMS

Planted: 7/2/2011	Harvested: 10/31/11
Variety: Pioneer 94Y50	Moisture: 11.3
Herbicide: 1 qt. Roundup	Planting Rate: 150,000
Insecticide: None	Acreage: 3.1310
Fungicide: None	Tillage: No-till
Fertility: None	Yield/Acre: 59.39

PPJ THOMPSON FARMS

Planted: 6/26/2011	Harvested: 10/24/11
Variety: Beck's 432NR	Moisture: 12.1
Herbicide: 2 qts. Roundup	Planting Rate: 180,000
Insecticide: None	Acreage: 3.7600
Fungicide: None	Tillage: No-till
Fertility: None	Yield/Acre: 49.71

2011 SOYBEAN STRIP CHECKS

JIMMY GILLES

Variety:	LG Seeds 4625	Moisture:	12.9
Yield/acre:	57.86	Harvested:	10/24/11

Variety:	LG Seeds 4625	Moisture:	13.2
Yield/acre:	55.84	Harvested:	10/24/11

WES POOLE

Variety:	Pioneer 94Y70	Moisture:	9.4
Yield/acre:	54.35	Harvested:	10/17/11

CASTLEN BROTHERS FARMS

Variety:	Pioneer 94Y01	Moisture:	11.0
Yield/acre:	54.07	Harvested:	10/05/11

Variety:	Pioneer 94Y22	Moisture:	11.0
Yield/acre:	61.25	Harvested:	10/05/11

KENTUCKY WHEAT PRODUCTION CONTEST
DAVIESS COUNTY ENTRIES

DIVISION I - Conventional Tillage

BEANLAND FARMS

Variety: Dyna-Gro 9922	Planted: 10/15/11
Herbicide: Metribuzin	Harvested: 06/20/11
Insecticide: Tombstone w/surfactant	Moisture: 16.5
Fungicide: Carmaba	Seeding Rate: 1.5 million
Fertility: 22.5# N, 57.5# P ₂ O ₅ , 75# K ₂ O; 1 gallon Impact	Width: 15" rows
Nitrogen Topdress: 50# 2/3/2011; 66# 4/3/11; 2 qts. Awaken	Acreage: 10.000
	Yield/Acre: 68.02

DIVISION II - No Tillage

NEIL RUDY FARMS

Variety: Syngenta Branson	Planted: 10/15/10
Herbicide: 0.75 oz. Harmony	Harvested: 06/17/11
Insecticide: 3.0 oz. Tombstone, 1.0 oz. Warrior	Moisture: 13.5
Fungicide: 2.0 oz. Fitness, 7.0 oz. Prosaro	Seeding Rate: 1.3 million
Fertility: 27# N, 69# P ₂ O ₅ , 90# K ₂ O	Width: 15" Rows
Nitrogen Topdress: 60# - 2/5/2011; 40# 3/1/11	Acreage: 3.780
	Yield/Acre: 105.82

PPJ THOMPSON FARMS

Variety: Beck's 122	Planted: 10/12/10
Herbicide: 0.75 oz. Harmony, 1.5 pts Gramoxone	Harvested: 06/21/11
Insecticide: 3 oz. Mustang	Moisture: 17.4
Fungicide: 2 oz. Tilt, 14 oz. Quilt	Seeding Rate: 150 lbs/ac
Fertility: 27# N, 69# P ₂ O ₅ , 90# K ₂ O	Width: 7.5" Rows
Nitrogen Topdress: 55# 1/24/2011; 55# 2/12/11	Acreage: 3.300
	Yield/Acre: 92.88

BEANLAND FARMS

Variety: Dyna-Gro 9922	Planted: 10/15/10
Herbicide: Metribuzin, Harmony	Harvested: 06/22/11
Insecticide: 1.5 oz. Tombstone	Moisture: 15.0
Fungicide: 13 oz. Caramba	Seeding Rate: 1.5 million
Fertility: 22.5# N, 57.5# P ₂ O ₅ , 75# K ₂ O; 1 gallon Impact	Width: 15" Rows
Nitrogen Topdress: 50# 2/3/2011; 66# 4/3/11 - 2 qt. Awaken	Acreage: 10.440
	Yield/Acre: 70.05

2011 Wheat Strip Checks

STEPHEN FARMS

Variety: Syngenta Branson	Moisture: 16.8
Yield/acre: 69.26	Harvested: 06/13/11

NEIL RUDY

Variety: Syngenta Branson	Moisture: 13.5
Yield/acre: 105.76	Harvested: 06/17/11
Row Width: 15 inch	

Variety: Southern States 8302	Moisture: 15.2
Yield/acre: 82.96	Harvested: 06/20/11
Row Width: 15 inch	

Variety: Southern States 8302	Moisture: 17.2
Yield/acre: 74.38	Harvested: 06/20/11
Row Width: 7.5 inch	

Variety: Syngenta Branson	Moisture: 14.4
Yield/acre: 105.66	Harvested: 06/20/11
Row Width: 15 inch	

PPJ THOMPSON FARMS

Variety: Becks 122	Moisture: 17.4
Yield/acre: 92.88	Harvested: 06/21/11

TERRY RHODES

Variety: Pioneer 25R32	Moisture: 14.6
Yield/acre: 62.65	Harvested: 06/24/11