

## LaRue County Extension Corn Variety Plot Results - 2011

### Farmer Cooperator - Kevin McCubbin

The Variety Test consisted of 25 roundup ready® varieties. A check plot was planted at the beginning, every 5th plot, and end of the test plots. Variation in yield of two nearest check plots from the average of the total check plots was used in calculating final adjusted yield for the varieties. Yields were adjusted to 15.5% moisture. Companies were limited to two varieties. Test varieties were planted by maturity date.

Tillage: No-Till	Check Average Yield: 192.3 bu/acre
Planting Date: May 20	Check Moisture: 14.4%
Harvest Date: October 17	Grand Average Yield: 191.5 bu/acre
Row Width: 30 inches	Planting Rate: 32,500 seed/acre
Previous Crop: Soybeans	Plot Size: .37 acre
Check Variety: Pioneer 1184 HR	Soil Type: Elk
Check Maturity: 111 day	

2011 Corn Results - Adjusted Yield Rank					
Rank	Variety	Moisture	Maturity	Actual Yield	Adjusted Yield
1	Pioneer 1319 HR	14.3%	113	202.7	206.5
2	DeKalb DKC 64-69 VT3PRO	14.0%	114	200.9	205.3
3	Wyffel's 8437 VT3 PRO	15.0%	115	202.1	203.8
4	Channel 216-63 VT3	15.3%	116	202.6	203.5
5	LG 2555 VT3	14.8%	110	205.0	201.9
6	AgriGold A6553 VT3 500	15.5%	113	199.9	199.6
7	DeKalb DKC 62-97 VT3 PRO	14.3%	112	202.2	199.2
8	LG 2636VT3	14.2%	114	192.2	197.0
9	Beck's 6077 HR	14.3%	111	197.7	196.4
10	Southern States SS 787 GEN VT2PRO	14.1%	117	194.4	195.4
11	AgVenture VPMAX RL8428HB	15.0%	113	193.1	194.2
12	AgriGold A6533 VT3 500	14.5%	113	194.5	191.5
13	Channel 212-26 VT3	14.7%	112	192.8	189.3
14	Garst 83F08 - 3000 GT	15.1%	113	186.0	188.9
15	Beck's 6903HR	15.5%	115	184.9	188.2
16	Southern States SS 755 GEN VT3PRO	13.8%	115	185.3	187.8
17	Dyna Gro D55VC21	14.4%	115	189.8	187.7
18	NK N78S - 3111	15.9%	116	185.2	186.0
19	Garst 83S06 - 3111	16.0%	113	186.0	184.4
20	Dyna Gro D51VP40	14.2%	111	185.0	183.8
21	AgVenture VPMAX RL7585 HBW	15.1%	108	182.4	179.0
22	NK 77P-3111	14.3%	114	173.0	176.9
23	Wyffel's 6876 VT2PRO	14.5%	110	178.7	176.8
24	Pioneer 1615HR	14.8%	116	174.2	175.0

### 2011 Corn Results - Actual Yield Rank

Rank	Variety	Moisture	Maturity	Adjusted Yield	Adjusted Rank	Actual Yield
1	LG 2555 VT3	14.8%	110	201.9	5	205.0
2	Pioneer 1319 HR	14.3%	113	206.5	1	202.7
3	Channel 216-63 VT3	15.3%	116	203.5	4	202.6
4	DeKalb DKC 62-97 VT3 PRO	14.3%	112	199.2	7	202.2
5	Wyffel's 8437 VT3 PRO	15.0%	115	203.8	3	202.1
6	DeKalb DKC 64-69 VT3PRO	14.0%	114	205.3	2	200.9
7	AgriGold A6553 VT3 500	15.5%	113	199.6	6	199.9
8	Beck's 6077 HR	14.3%	111	196.4	9	197.7
9	AgriGold A6533 VT3 500	14.5%	113	191.5	12	194.5
10	Southern States SS 787 GEN VT2PRO	14.1%	117	195.4	10	194.4
11	AgVenture VPMAX RL8428HB	15.0%	113	194.2	11	193.1
12	Channel 212-26 VT3	14.7%	112	189.3	13	192.8
13	LG 2636VT3	14.2%	114	197.0	8	192.2
14	Dyna Gro D55VC21	14.4%	115	187.7	17	189.8
15	Garst 83F08 - 3000 GT	15.1%	113	188.9	14	186.0
16	Garst 83S06 - 3111	16.0%	113	184.4	19	186.0
17	Southern States SS 755 GEN VT3PRO	13.8%	115	187.8	16	185.3
18	NK N78S - 3111	15.9%	116	186.0	18	185.2
19	Dyna Gro D51VP40	14.2%	111	183.8	20	185.0
20	Beck's 6903HR	15.5%	115	188.2	15	184.9
21	AgVenture VPMAX RL7585 HBW	15.1%	108	179.0	21	182.4
22	Wyffel's 6876 VT2PRO	14.5%	110	176.8	23	178.7
23	Pioneer 1615HR	14.8%	116	175.0	24	174.2
24	NK 77P-3111	14.3%	114	176.9	22	173.0

### 2011 Corn Results - Field Location

Plot #	Variety	Moisture	Maturity	Actual Yield	Adjusted Yield	Actual Rank	Adjusted Rank
1	Check—Pioneer 1184 HR	14.3%		196.7			
2	AgVenture VPMAX RL7585 HBW	15.1%	108	182.4	179.0	21	21
3	LG 2555 VT3	14.8%	110	205.0	201.9	1	5
4	Wyffel's 6876 VT2PRO	14.5%	110	178.7	176.8	22	23
5	Dyna Gro D51VP40	14.2%	111	185.0	183.8	19	20
6	Check	14.8%		192.9			
7	Beck's 6077 HR	14.3%	111	197.7	196.4	8	9
8	Dyna Gro D55VC21	14.4%	115	189.8	187.7	14	17
9	DeKalb DKC 62-97 VT3 PRO	14.3%	112	202.2	199.2	4	7
10	Channel 212-26 VT3	14.7%	112	192.8	189.3	12	13
11	Check	14.3%		196.7			
12	AgriGold A6533 VT3 500	14.5%	113	194.5	191.5	9	12
13	Garst 83S06 - 3111	16.0%	113	186.0	184.4	16	19
14	AgriGold A6553 VT3 500	15.5%	113	199.9	199.6	7	6
15	AgVenture VPMAX RL8428HB	15.0%	113	193.1	194.2	11	11
16	Check	14.7%		189.8			
17	Garst 83F08 - 3000 GT	15.1%	113	186.0	188.9	15	14
18	Pioneer 1319 HR	14.3%	113	202.7	206.5	2	1
19	DeKalb DKC 64-69 VT3PRO	14.0%	114	200.9	205.3	6	2
20	LG 2636VT3	14.2%	114	192.2	197.0	13	8
21	Check	14.8%		187.1			
22	NK 77P-3111	14.3%	114	173.0	176.9	24	22
23	Beck's 6903HR	15.5%	115	184.9	188.2	20	15
24	Southern States SS 755 GEN VT3PRO	13.8%	115	185.3	187.8	17	16
25	Wyffel's 8437 VT3 PRO	15.0%	115	202.1	203.8	5	3
26	Check	14.6%		191.6			
27	NK N78S - 3111	15.9%	116	185.2	186.0	18	18
28	Pioneer 1615HR	14.8%	116	174.2	175.0	23	24
29	Channel 216-63 VT3	15.3%	116	202.6	203.5	3	4
30	Southern States SS 787 GEN VT2PRO	14.1%	117	194.4	195.4	10	10
31	Check	13.6%		191.3			

2 Year Average				
Rank	Variety	Average %	Actual Average	Adjusted Average
1	Pioneer P1185 HR	13.2	200.8	204.3
2	AgriGold A6533 VT3 500	13.0	202.2	200.7
3	Pioneer P1615 HR	13.6	194.7	193.1

**NOTES – 2011 Corn Variety Plots**

Final stand count and lodging counts were not taken

However lodging was noticeable in all plots and severe in several

Only Roundup Ready varieties used

There were no varieties that have been in the plots three years or longer

Field was planted in wet ground, drought in August

Multi year results may include base varieties that have had traits added or removed.

Pioneer 1184 HR winner in 2010 and check in 2011