

LaRue County Extension Corn Variety Plot Results - 2010

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The Variety Test consisted of 23 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

Planting Date: May 10

Harvest Date: October 12

Row Width: 30 inches

Previous Crop: Soybeans

Check Variety: Pioneer 1253 HR

Check Maturity: 112 day

Check Average Yield: 198.2 bu/acre

Check Moisture: 11.8%

Grand Average Yield: 198.1 bu/acre

Planting Rate: 32,000 seed/acre

Plot Size: .25 acre

Soil Type: Nicholson

2010 Corn Results - Adjusted Yield Rank

Rank	Variety	Moisture	Maturity	Test Weight	Actual Yield	Adjusted Yield
1	Pioneer P1184 HR	11.9%	111	63.5	209.3	216.2
2	Pioneer P1615 HR	12.3%	116	63.5	215.1	211.1
3	Wyffel's W7071	11.5%	111	62.6	205.2	211.0
4	Dekalb DKC 61-69	11.4%	111	62.6	202.7	210.5
5	AgriGold 6533 VT3	11.4%	113	61.0	209.9	209.8
6	Dekalb DKC 66-96	12.3%	116	63.1	210.9	205.8
7	NK 72Q 3000 GT-1	11.8%	112	59.3	203.6	204.8
8	Channel 214-14VT3P	12.2%	114	63.0	213.0	204.8
9	Channel 210-45VT3P	12.0%	110	60.0	192.8	200.3
10	AgriGold 6632 VT3 PRO	12.1%	115	61.3	208.7	200.3
11	Beck's 6179 VT3	11.7%	112	62.3	197.8	200.3
12	Southern States SS6884 VT3	11.4%	111	60.9	193.7	199.6
13	Wyffel's W6871	11.3%	110	61.9	189.7	197.1
14	DynaGro 57V40 VT3	11.6%	111	60.6	189.2	196.5
15	DynaGro 57V59 VT3	11.8%	114	61.7	203.3	194.5
16	NK 74R 3000 GT-1	11.8%	113	61.0	198.1	193.6
17	Beck's 6733 HXR	12.0%	114	63.6	195.7	189.6
18	AgVenture RL8042 HBW	11.6%	111	63.4	182.9	186.4
19	Garst 84V58 - 3000GT	11.4%	111	60.6	179.3	185.7
20	Garst 83C55 - 3000GT	11.4%	113	62.0	187.7	184.9
21	AgVenture RL8871 HBW	12.3%	115	62.5	189.6	182.6
22	Southern States SS749 VT	11.8%	115	60.9	178.7	172.7

2010 Corn Results - Actual Yield Rank

Rank	Variety	Moisture	Maturity	Test Weight	Adjusted Yield	Actual Yield
1	Pioneer P1615 HR	12.3%	116	63.5	211.1	215.1
2	Channel 214-14VT3P	12.2%	114	63.0	204.8	213.0
3	Dekalb DKC 66-96	12.3%	116	63.1	205.8	210.9
4	AgriGold 6533 VT3	11.4%	113	61.0	209.8	209.9
5	Pioneer P1184 HR	11.9%	111	63.5	216.2	209.3
6	AgriGold 6632 VT3 PRO	12.1%	115	61.3	200.3	208.7
7	Wyffel's W7071	11.5%	111	62.6	211.0	205.2
8	NK 72Q 3000 GT-1	11.8%	112	59.3	204.8	203.6
9	DynaGro 57V59 VT3	11.8%	114	61.7	194.5	203.3
10	Dekalb DKC 61-69	11.4%	111	62.6	210.5	202.7
11	NK 74R 3000 GT-1	11.8%	113	61.0	193.6	198.1
12	Beck's 6179 VT3	11.7%	112	62.3	200.3	197.8
13	Beck's 6733 HXR	12.0%	114	63.6	189.6	195.7
14	Southern States SS6884 VT3	11.4%	111	60.9	199.6	193.7
15	Channel 210-45VT3P	12.0%	110	60.0	200.3	192.8
16	Wyffel's W6871	11.3%	110	61.9	197.1	189.7
17	Ag Venture RL887 1HBW	12.3%	115	62.5	182.6	189.6
18	DynaGro 57V40 VT3	11.6%	111	60.6	196.5	189.2
19	Garst 83C55 - 3000GT	11.4%	113	62.0	184.9	187.7
20	AgVenture RL8042 HBW	11.6%	111	63.4	186.4	182.9
21	Garst 84V58 - 3000GT	11.4%	111	60.6	185.7	179.3
22	Southern States SS749 VT	11.8%	115	60.9	172.7	178.7

2010 Corn Results - Field Location

Plot #	Variety	Moisture	Maturity	Test Weight	Actual Yield	Adjusted Yield	Actual Rank	Adjusted Rank
1	Check - Pioneer 1253 HR	12.5%		62.5	190.6			
2	Channel 210-45VT3P	12.0%	110	60.0	192.8	200.3	15	9
3	Wyffel's W6871	11.3%	110	61.9	189.7	197.1	16	13
4	Dekalb DKC 61-69	11.4%	111	62.6	202.7	210.5	10	4
5	DynaGro 57V40 VT3	11.6%	111	60.6	189.2	196.5	18	14
6	Check	11.3%		63.4	190.9			
7	Garst 84V58 - 3000GT	11.4%	111	60.6	179.3	185.7	21	19
8	Pioneer P1184 HR	11.9%	111	63.5	209.3	216.2	5	1
9	Southern States SS6884 VT3	11.4%	111	60.9	193.7	199.6	14	12
10	Wyffel's W7071	11.5%	111	62.6	205.2	211.0	7	3
11	Check	11.4%		65.0	193.2			
12	AgVenture RL8042 HBW	11.6%	111	63.4	182.9	186.4	20	18
13	Beck's 6179 VT3	11.7%	112	62.3	197.8	200.3	12	11
14	NK 72Q 3000 GT-1	11.8%	112	59.3	203.6	204.8	8	7
15	AgriGold 6533 VT3	11.4%	113	61.0	209.9	209.8	4	5
16	Check	11.6%		63.9	199.5			
17	Garst 83C55 - 3000GT	11.4%	113	62.0	187.7	184.9	19	20
18	NK 74R 3000 GT-1	11.8%	113	61.0	198.1	193.6	11	16
19	Beck's 6733 HXR	12.0%	114	63.6	195.7	189.6	13	17
20	Channel 214-14VT3P	12.2%	114	63.0	213.0	204.8	2	8
21	Check	11.6%		65.3	207.8			
22	DynaGro 57V59 VT3	11.8%	114	61.7	203.3	194.5	9	15
23	AgriGold 6632 VT3 PRO	12.1%	115	61.3	208.7	200.3	6	10
24	Ag Venture RL887 1HBW	12.3%	115	62.5	189.6	182.6	17	21
25	Southern States SS749 VT	11.8%	115	60.9	178.7	172.7	22	22
26	Check	11.7%		64.3	204.3			
27	Dekalb DKC 66-96	12.3%	116	63.1	210.9	205.8	3	6
28	Pioneer P1615 HR	12.3%	116	63.5	215.1	211.1	1	2
29	Check	11.8%		63.8	200.7			

2 Year Average				
Rank	Variety	Average %	Actual Average	Adjusted Average
1	Pioneer 1253 HR	14.4	206.5	204.4
2	DeKalb DKC 61-69	13.6	186.6	190.5
3	AgriGold A6632 VT3	15.4	193.3	184.1
4	Garst 83C55	14.8	190.8	182.8

3 Year Average				
Rank	Variety	Average %	Actual Average	Adjusted Average
1	Dekalb DKC 61-69	13.7	175.6	175.0

4 Year Average				
Rank	Variety	Average %	Actual Average	Adjusted Average
1	Dekalb DKC 61-69	13.4	172.9	174.0

NOTES – 2010 Corn Variety Plots
 No final stand counts were taken, but corn was standing well at harvest.
 Multi-year results may include base varieties which have had traits added.
 Considerable drought pressure later in season.
 DeKalb DKC61-69 - Winner in 2008, and check in 2009.
 Pioneer 1253 HR – Winner in 2009 and check in 2010.
 Only Roundup Ready varieties in plot.