

2003 Daviess County Yellow Conventional Corn, Yellow Roundup Ready Corn and White Corn Hybrid Comparisons

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2003 DAVIESS COUNTY COUNTYWIDE YELLOW CORN COMPOSITE

11 COMPANIES - 16 HYBRIDS - TWO LOCATIONS

HYBRID	GOETZ BROS FARMS	CECIL FARMS	HYBRID AVERAGE	RANK	AVERAGE MOISTURE	
1	NK Brand N65-M7	188.3	178.2	183.3	8	21.0
2	Garst 8461	184.3	192.7	188.5	5	20.5
3	AgriGold A6445	223.7	179.2	201.5	1	20.9
4	Dekalb DKC61-42	184.5	209.4	197.0	2	21.3
5	Wyffels W730	193.0	154.5	173.7	12	20.9
6	Mycogen 2784	155.0	141.3	148.2	16	22.2
7	Garst 8348 - CHECK	161.3	177.7	169.5	15	21.4
8	NK Brand N70-T9 (YG)	196.8	188.0	192.4	4	21.5
9	Exsegen ES112	179.1	196.1	187.6	6	20.3
10	Pioneer 33P67 (YG)	184.8	200.8	192.8	3	21.6
11	Southern States SS740	175.0	184.2	179.6	10	21.5
12	Mycogen 2A791	170.3	174.2	172.2	13	23.0
13	Vigoro V55Y21 (YG)	178.2	190.5	184.4	7	22.4
14	Southern States SS753Bt, CL	177.2	164.5	170.9	14	22.7
15	Pioneer 31N27	180.0	184.0	182.0	9	23.1
16	Garst 8288	174.1	178.5	176.3	11	22.9
PLOT AVERAGES		181.6	180.9			

**2003 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE HYBRID TEST PLOT**

Cooperator: Goetz Brothers Farms, 2605 Newbolt Road
Planting Date: April 14, 2003
Harvested Date: September 25, 2003
Planting Population: 27,800
Herbicides: 2.4 qt. Harness Extra, 1 qt. Princep
Insecticides: 4 oz. Pounce
Fertility: 180# N, 60# P₂O₅, 160# K₂O/acre
Row Width: 6 - 30" rows
Plot Location: Old Hartford Road
Previous Crop: Soybeans
Check: Garst 8348

		Harvested	Test	Percent	Harvested	Adjusted	
	HYBRID	Population	Weight	Moisture	Yld Bu/A	Yield	RANK
1	CHECK	25500	60.5	16.7	177.3		
2	NK Brand N65-M7	28000	58.0	16.4	193.6	188.3	4
3	Garst 8461	24000	58.5	16.0	183.2	184.3	7
4	AgriGold A6445	26000	57.5	16.3	214.9	223.7	1
5	CHECK	10500	61.0	16.2	154.8		
6	Dekalb DKC61-42	21500	58.5	16.0	172.7	184.5	6
7	Wyffels W730	24000	61.0	15.5	182.4	193.0	3
8	Mycogen 2784	18000	57.5	16.3	147.9	155.0	16
9	CHECK	11000	61.5	16.2	160.9	161.3	15
10	NK Brand N70-T9 (YG)	21500	58.0	16.4	194.7	196.8	2
11	Exsegen ES112	25500	57.5	15.8	181.9	179.1	9
12	Pioneer 33P67 (YG)	23000	60.5	17.5	192.5	184.8	5
13	CHECK	25500	61.5	15.8	178.4		
14	Southern States SS740	27500	61.5	16.3	185.8	175.0	12
15	Mycogen 2A791	25000	59.0	17.2	179.6	170.3	14
16	Vigoro V55Y21 (YG)	26000	58.0	17.2	186.7	178.2	10
17	CHECK	24000	61.0	16.1	173.9		
18	Southern States SS753Bt, CL	24000	60.5	16.5	180.0	177.2	11
19	Pioneer 31N27	25000	60.0	16.5	178.2	180.0	8
20	Garst 8288	20500	60.0	17.2	168.0	174.1	13
21	CHECK	24000	61.0	16.1	156.9		
	Plot Average		59.6	16.4	178.3		
	Check Average		61.1	16.2	167.0		

**2003 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE HYBRID TEST PLOT**

Cooperator: Cecil Farms, 8262 Short Station Road
Planting Date: May 14, 2003
Harvested Date: October 3, 2003
Planting Population: 27,800
Herbicides: 3.8 pts. Guardsman, 1 pt. Aatrex/acre
Insecticides: 2.4 oz. Capture/acre
Fertility: 160# N, 60# P₂O₅, 160# K₂O/acre
Row Width: 4 - 30"
Plot Location: Short Station Road
Previous Crop: Corn
Check: Garst 8348

HYBRID	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1 CHECK	54.5	28.1	178.6		
2 NK Brand N65-M7	54.0	25.5	178.0	178.2	11
3 Garst 8461	55.0	25.0	188.7	192.7	4
4 AgriGold A6445	54.5	25.5	172.0	179.2	9
5 CHECK	54.5	27.0	165.1		
6 Dekalb DKC61-42	54.0	26.6	198.7	209.4	1
7 Wyffels W730	56.5	26.3	147.9	154.5	15
8 Mycogen 2784	54.0	28.0	136.5	141.3	16
9 CHECK	54.5	26.5	170.9	177.7	12
10 NK Brand N70-T9 (YG)	53.5	26.6	183.5	188.0	6
11 Exsegen ES112	53.5	24.7	191.9	196.1	3
12 Pioneer 33P67 (YG)	55.5	25.7	196.9	200.8	2
13 CHECK	55.0	26.3	172.5		
14 Southern States SS740	56.0	26.7	182.6	184.2	7
15 Mycogen 2A791	53.0	28.7	174.1	174.2	13
16 Vigoro V55Y21 (YG)	54.0	27.6	192.0	190.5	5
17 CHECK	54.5	28.3	178.4		
18 Southern States SS753Bt, CL	54.0	28.8	169.4	164.5	14
19 Pioneer 31N27	55.5	29.6	191.8	184.0	8
20 Garst 8288	55.0	28.6	188.4	178.5	10
21 CHECK	54.5	28.1	187.5		
Plot Average	54.5	27.1	178.4		
Check Average	54.6	27.4	175.5		

**2003 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: Goetz Brothers Farms, 2605 Newbolt Road
Planting Date: April 14, 2003
Harvested Date: September 25, 2003
Planting Population: 27,800
Herbicides: 1.2 qt. Harness Extra, 1 qt. Princep
 Post emergence - 22 oz. Roundup Weathermax
Insecticides: 4 oz. Pounce
Fertility: 180# N, 60# P₂O₅, 160# K₂O/acre
Row Width: 6 - 30" rows
Plot Location: Old Hartford Road
Previous Crop: Corn
Check: Wyffels W7301 (GA21)

Variety	Test Weight	Population	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	61.0		14.8	184.2		
2. AgriGold A6395RR	58.5	24500	14.8	201.7	191.5	2
3. Asgrow RX718RR/YG	61.0	24000	14.3	167.8	162.2	15
4. AgriGold A6445RR	57.0	24000	14.6	185.5	182.8	8
5. CHECK	61.0	20000	14.8	170.9		
6. Atlas 2H722 (YG)	58.5	23500	15.2	166.9	169.4	13
7. Beck's 6499CBRR (YG)	57.5	26500	15.8	182.6	187.3	6
8. Garst 8487YG1RR (GA21)	58.0	26000	15.8	151.6	157.1	16
9. CHECK	61.0	25500	14.9	163.8	168.6	14
10. AgriGold A6490RR	61.0	25000	14.9	167.3	175.5	12
11. Dekalb DKC64-10RR Golden Harvest H-9235BT, RR	58.5	23000	15.6	181.1	190.3	4
12. -Throw out not in countywide	58.0	23500	15.1	175.5	184.7	7
13. CHECK	59.5	22000	14.8	162.8		
14. Garst 8352RR (GA21)	60.5	21500	15.7	184.2	190.3	4
15. Southern States SS42174RR	59.0	26000	16.5	179.8	182.2	9
16. Southern States SS842RR	56.0	23000	18.8	192.0	190.7	3
17. CHECK	61.0	21500	14.7	176.2		
18. Golden Harvest EX29339RR	61.0	27500	14.6	182.1	178.5	11
19. Adler Seeds 3700RR	58.5	25500	14.9	196.7	193.9	1
20. Dekalb DKC64-11(RR/YGCB)	59.0	24500	15.5	180.6	179.1	10
21. CHECK	61.0		14.9	172.1		
22. Dekalb DKC64-11(RR/YGCB)	59.0		14.5	179.1		
Plot Average	59.3		15.3	177.5		
Check Average	60.8		14.8	171.7		

**2003 DAVIESS COUNTY YELLOW CORN
COUNTYWIDE ROUNDUP READY PLOT**

Cooperator: Bucky Walters, 9025 KY 81
Planting Date: April 15, 2003
Harvested Date: September 26, 2003
Planting Population: 27,000
Herbicides: 2 qts. Roundup/acre
Insecticides: None
Fertility: 210# N, 82# P₂O₅, 105# K₂O/acre
Row Width: 6 - 30" rows
Plot Location: Worthington Road
Check: Wyffels W7301 (GA21)

Variety	Test Weight	Population	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	56.0	26500	16.5	165.8		
2. AgriGold A6395RR	55.5	27000	15.9	128.1	120.6	11
3. Asgrow RX718RR/YG	57.0	26500	17.2	108.8	108.4	13
4. AgriGold A6445RR	54.5	27500	18.0	136.4	144.2	7
5. CHECK	56.0	25000	17.4	131.5		
6. Atlas 2H722 (YG)	54.5	22500	17.5	101.1	110.9	12
7. Beck's 6499CBRR (YG)	55.0	25000	18.4	143.1	153.1	4
8. Garst 8487YG1RR (GA21)	53.0	18000	18.4	122.5	127.8	10
9. CHECK	57.5	24000	16.7	145.3	150.0	5
10. AgriGold A6490RR	59.0	25000	16.5	137.2	137.4	8
11. Dekalb DKC64-10RR	57.0	24500	16.8	135.3	133.3	9
12. Garst 8352RR (GA21)	58.0	29500	17.6	154.0	149.3	6
13. CHECK	60.0	26000	15.6	155.3		
14. Southern States SS42174RR	57.5	26500	17.6	157.8	153.6	3
15. Southern States SS842RR	54.5	26500	19.4	171.9	171.0	1
16. Adler Seeds 3700RR	58.0	28500	15.4	160.5	163.2	2
17. CHECK	60.0	22500	15.7	142.4		
Plot Average	56.6	25353	17.1	141.0		
Check Average	57.9	24800	16.4	148.1		

**2003 DAVIESS COUNTY WHITE CORN
HYBRID TEST PLOT**

Cooperator: Tony McCarty, 5380 Ballard Road
Planting Date: April 3, 2003
Harvested Date: September 16, 2003
Planting Population: 28,000
Herbicides: 1 qt. Princep (applied Fall), 2.3 qts. Lumax
Insecticides: 2.8 oz. Capture
Fertility: 180# N, 69# P₂O₅, 90# K₂O/acre
Row Width: 6 - 30" rows
Plot Location: Terry Road
Check: Zimmerman 1851W

	Harvested	Test	Percent	Harvested	Adjusted	
HYBRID	Population	Weight	Moisture	Yld Bu/A	Yield	RANK
1 CHECK	28500	57.5	22.4	202.2		
2 Exsegen ES210	25500	58.5	19.8	191.4	189.2	5
3 Zimmerman Z62W	28000	57.5	21.5	183.8	183.6	6
4 Pioneer 33T17	27500	58.5	21.9	210.3	212.2	1
5 CHECK	27500	57.5	21.9	193.9	192.0	3
6 Beck's 6918W	29000	57.5	24.8	170.6	173.3	7
7 Mycogen V455W	28500	60.0	19.9	193.1	195.2	2
8 Pioneer 32T78	23000	60.0	17.8	188.8	190.0	4
9 CHECK	24500	57.0	21.2	197.3		
Plot Average		58.2	21.2	192.4		
Check Average		57.3	21.8	197.8		

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