

2018 DKCG Corn Plot Results

Cooperator: Replicated strip Trial Nitrogen 155 # N as spring NH4
 County: DeKalb 3 Gal Coron with Accuron
 Planting Date: 4/28/2018
 Planting Pop: 34,500
 Harvest Date: 9/28/2018
 Prev Crop: Soybeans
 Row Width: 30"
 Herbicides: Resicore pre, Accuron post Insecticide: Force on all entries

Rainfall	Month	Amount (")
	May	6.46 "
	June	7.05 "
	July	1.95 "
	August	2.76 "
	Sept	2.42 "

Sorted By yield with Fungicide
Agronomist notes on back page

Company	Hybrid	Trait	Plot	Yield	H2O	TW		Plot	Yield	H2O	TW
Golden Harvest	G10T63	3122	FUNG	217.3	22.9	56.1		No fung	181.8	21.4	57.2
FS InVISION	57ZX1	STXRIB	FUNG	213.4	22.8	56.2		No fung	184.0	19.6	58.6
DEKALB	DKC 56-45RIB	STXRIB	FUNG	212.6	24.4	55.4		No fung	207.0	19.3	58.8
Axis Seed	57A25	STXRIB	FUNG	212.4	24.6	55.3		No fung	183.9	19.4	58.5
Hefty Seed	H6413	VT2Pro	FUNG	211.8	21.7	56.9		No fung	173.7	19.7	58.3
Hoegemeyer	8414 AM	AM	FUNG	206.4	23.7	55.8		No fung	201.6	20.6	57.8
Pro Harvest	PH8277RIB	STXRIB	FUNG	203.6	22.3	56.6		No fung	220.0	18.9	59.1
NK Seeds	NK0330	3120	FUNG	203.3	22.6	56.3		No fung	212.6	19.8	58.2
Mycogen Seeds	MY12G38RA	SmartStax RA	FUNG	202.2	23.9	55.7		No fung	203.0	20.9	57.7
Prairie Hybrids	6878	Conventional	FUNG	201.3	22.7	56.4		No fung	183.9	20.2	58.1
Cornelius Seed	C461SS-RIB	STXRIB	FUNG	201.3	21.9	56.8		No fung	191.4	19.6	58.4
Prairie Hybrids	4718	Conventional	FUNG	198.7	22.4	56.4		No fung	196.1	20.1	58.2
Pioneer	P1093AMXT	AMXT	FUNG	198.1	21.2	57.2		No fung	180.3	17.9	59.7
Cornelius Seed	C677SS-RIB	STXRIB	FUNG	198.1	22.8	56.2		No fung	200.9	19.2	58.8
Axis Seed	60P29	VT2Pro	FUNG	197.9	23.3	56.0		No fung	176.9	20.5	57.8
Channel	213-19STXRIB	STXRIB	FUNG	197.7	21.5	57.0		No fung	158.6	19.3	58.5
Axis Seed	58C04	Conventional	FUNG	197.4	25.5	55.0		No fung	207.5	19.8	58.3
Pfister Seeds	68A1PCR	Power Core	FUNG	197.4	24.4	55.3		No fung	185.1	21.2	57.3
AgriGold	A638-91	STXRIB	FUNG	195.7	24.2	55.5		No fung	191.1	20.7	57.8
Pro Harvest	PH6828RIB	STXRIB	FUNG	195.3	23.9	55.7		No fung	174.8	19.9	58.1
Hoegemeyer	8382 AM	AM	FUNG	194.5	23.0	56.2		No fung	212.7	20.3	58.0
Prairie Hybrids	7355	Conventional	FUNG	193.9	22.0	56.6		No fung	189.1	18.7	59.2
Stine Seed	9734-20	VT2Pro	FUNG	193.6	23.3	56.3		No fung	185.3	20.8	57.8
Prairie Hybrids	6212	Conventional	FUNG	193.1	24.5	55.5		No fung	188.4	22.5	56.4
Stine Seed	9425SS	STXRIB	FUNG	192.8	21.8	56.9		No fung	188.6	20.3	57.9
Channel	210-79	STXRIB	FUNG	192.6	22.2	56.7		No fung	197.6	20.5	58.0
Pfister Seeds	71C1PCR	Power Core	FUNG	192.1	22.7	56.5		No fung	174.2	22.1	56.8
Hoegemeyer	7901 AMXT	AMXT	FUNG	191.7	21.9	56.7		No fung	199.5	18.4	59.4
AgriGold	A6579	STXRIB	FUNG	191.1	23.5	55.7		No fung	160.1	20.7	57.6
DEKALB	DKC 63-21RIB	STXRIB	FUNG	190.8	22.9	56.4		No fung	192.2	20.0	58.2
Hefty Seed	H6212	VT2Pro	FUNG	190.5	22.0	56.7		No fung	189.8	20.3	57.9
NK Seeds	NK0886	3110	FUNG	188.9	25.1	55.0		No fung	218.1	18.5	59.3
NK Seeds	NK0968	3110	FUNG	188.3	23.5	55.7		No fung	153.7	22.9	56.5
Pioneer	P0919AM	AM	FUNG	188.0	22.8	56.1		No fung	205.9	19.1	58.8
DEKALB	DKC 62-52RIB	STXRIB	FUNG	187.6	25.2	55.1		No fung	169.2	21.0	57.3
Pro Harvest	PH6540RIB	STXRIB	FUNG	187.0	26.8	54.2		No fung	179.4	17.9	59.8
DEKALB	DKC 64-34RIB	STXRIB	FUNG	186.4	24.0	55.6		No fung	189.3	19.3	58.7
Pfister Seeds	69E2SSR	STXRIB	FUNG	185.7	23.1	56.1		No fung	200.0	18.8	59.2
Stine Seed	9537E-21	VT3Pro	FUNG	185.1	23.8	55.7		No fung	196.3	19.2	58.7

Golden Harvest	G12W66	3122	FUNG	184.9	22.6	56.4	No fung	171.6	22.8	56.3
LG Seed	5606	STXRIB	FUNG	184.6	22.5	56.5	No fung	184.9	21.7	56.9
Axis Seed	60R50	STXRIB	FUNG	184.6	23.1	56.0	No fung	192.4	20.7	57.6
Stine Seed	9529E/20	VT2Pro	FUNG	184.3	23.3	56.1	No fung	167.3	21.1	57.4
AgriGold	A635-54	VT2Pro	FUNG	182.0	24.7	55.2	No fung	156.5	19.0	58.9
Pioneer	P0574AMXT	AMXT	FUNG	181.3	22.6	56.5	No fung	181.1	18.2	59.5
Beck's Seed	6589V2P	VT2Pro	FUNG	180.6	26.4	54.4	No fung	216.3	21.5	57.2
Hoegemeyer	7886 AM	AM	FUNG	180.1	23.1	56.0	No fung	176.6	20.5	57.7
FS InVISION	62ZX1	STXRIB	FUNG	179.4	23.2	55.8	No fung	176.8	21.9	57.0
Stine Seed	9808E-20	VT2Pro	FUNG	178.0	22.8	56.1	No fung	151.8	23.2	56.2
Wyffels Hybrids	W5518	STXRIB	FUNG	176.5	21.9	56.7	No fung	181.2	19.7	58.3
Pfister Seeds	72C6SSR	STXRIB	FUNG	174.7	21.8	56.8	No fung	208.9	20.0	58.2
Mycogen Seeds	MY10Y47RA	SmartStax RA	FUNG	173.4	23.4	56.0	No fung	189.1	20.2	58.1
Beck's Seed	6674SX	STXRIB	FUNG	172.7	25.4	55.0	No fung	145.2	22.3	56.7
Wyffels Hybrids	W6408	STXRIB	FUNG	171.5	25.4	55.0	No fung	178.8	21.0	57.7
Axis Seed	62A58	STXRIB	FUNG	171.5	23.9	55.8	No fung	190.3	19.5	58.4
Stone Seed	5218RIB	STXRIB	FUNG	171.3	23.1	56.0	No fung	151.6	20.8	57.7
AgriGold	A640-77	VT2Pro	FUNG	170.6	23.2	56.2	No fung	165.1	22.6	56.5
Cornelius Seed	C633DP-RIB	VT2Pro	FUNG	170.2	21.5	57.1	No fung	167.0	21.6	57.1
Pioneer	P1422AMXT	AMXT	FUNG	170.1	22.9	56.2	No fung	196.3	20.3	57.9
DEKALB	DKC 60-87RIB	STXRIB	FUNG	169.9	26.6	54.4	No fung	204.0	18.7	59.1
Prairie Hybrids	5787	Conventional	FUNG	166.9	24.5	55.4	No fung	216.8	20.0	58.2
Hoegemeyer	7558 AMXT	AMXT	FUNG	166.7	23.9	55.8	No fung	172.6	21.6	57.1
AgriGold	A641-78	STXRIB	FUNG	165.8	24.0	55.7	No fung	181.8	20.2	57.9
Channel	212-20STXRIB	STXRIB	FUNG	164.2	22.3	56.4	No fung	201.5	21.2	57.4
Golden Harvest	G06Q68	3220	FUNG	163.9	25.1	55.0	No fung	152.8	20.5	57.8
Cornelius Seed	C575DP-RIB	VT2Pro	FUNG	163.4	20.2	57.8	No fung	203.6	21.2	57.4
Pioneer	P1017AMXT	AMXT	FUNG	163.0	21.6	56.9	No fung	220.7	19.1	58.8
Stone Seed	5858RIB	STXRIB	FUNG	162.6	22.1	56.8	No fung	159.2	20.5	57.8
Pfister Seeds	70A1SSR	Power Core Elnist	FUNG	160.6	21.5	57.0	No fung	156.8	19.7	58.3
Hefty Seed	H6614	STXRIB	FUNG	160.5	22.3	56.6	No fung	176.7	19.9	58.1
Pioneer	P1366AMXT	AMXT	FUNG	156.8	22.9	56.2	No fung	170.5	21.5	57.1
FS InVISION	53ZX1	STXRIB	FUNG	156.3	23.8	55.7	No fung	183.5	19.1	58.7
FS InVISION	64SX1	STXRIB	FUNG	155.5	25.6	54.8	No fung	156.4	20.5	57.7
LG Seed	5525	VT2Pro	FUNG	152.8	22.4	56.5	No fung	164.9	20.8	57.6
LG Seed	62C02	STXRIB	FUNG	138.2	21.7	56.9	No fung	190.4	18.8	59.0
				183.8	23.3	56.0		184.9	20.3	58.0

Agronomist Comments

Wet May and June, combined with conservative N program resulted in N deficiency
 Heavy Tar Spot in both plots, visually was earlier in No Fungicide plot
 Fungicides are showing no response here and several other situations in DK Co.
 Fungicides showing replicated results over 40 bu/a within 10 miles of plot
 Clearly there is more to be learned about timing of fungicides for tar spot
 Some root feeding observed, overall light
 Crown Rot was also heavy throughout the plot

Average by Trait	Appearances
AM	195.7 4
AMXT	182.1 7
Conv	194.4 6
STXRIB	183.7 35
VT2Pro	178.9 12
(minimum 3)	