



2007 MCGA/MCMC IP CORN PLOT COOPERATOR REPORT

TYPE
X Quality
 ___ Yield
 ___ Other

COOPERATOR: Greenley Research Center
 COUNTY: Knox

ADDRESS: Novelty, MO
 DISTRICT: 3

PLANTING DATE: April 30,2007

PLANTING RATE: 30000 ROW SPACING (in.): 30

IRRIGATED: NO

Harvest Date: 9/12/2007

CROP:

- Soybeans
- Alfalfa
- Small Grain
- Grass sod
- Other

SOIL TYPE:

- Sand or sandy loam
- Sandy clay loam
- Silt or silt loam
- Silty clay loam
- Clay loam
- Clay
- Peat or muck

TILLAGE:

- Conventional (fall)
- Conventional (spring)
- Chisel (fall)
- Chisel (spring)
- Minimum (fall)
- Minimum (spring)
- Ridge till
- No-till

HERBICIDES:

- PPI _____
- PRE Lumax 3qt/a
22oz/a Warrior+NIS
- POST _____
- INSECTICIDE:

FERTILIZER: (lbs./a)			
	N	P ₂ O ₅	K ₂ O
Fall	150 + 1 qt/a N-Serve		
Spring			
Planting			
Sidedress			
Total			

Yields are average of 3 replications													
COMPANY	HYBRID	Trait	TYPE	YIELD (BU/A)	MOIST. %	LBS. GRAIN	ROW LENGTH	NO. OF ROWS	TEST WT. (Lbs)	HARVEST STAND	STALK LODGE	ROOT LODGE	DROPPED EARS %
AgriGold	A6479	BtRR	P	165.80	17.167					22767.36	17.43	0	0
AgriGold	A6522		P	174.60	17.60					23928.96	1.03	0	0
AgVenture	AV8440	CB	P	208.10	13.73					22070.40	15.38	0	0
AgVenture	AV8109	CB	P	195.20	14.87					23928.96	17.35	0	0
Asgrow	RX785	RR2/YGCB	P	202.80	17.10					22535.04	12.20	0	0
Asgrow	RX832	YGCB	P	211.70	19.67					23696.64	28.43	0	0
Dekalb	DKC62-99		P	215.50	16.43					21373.44	23.16	0	0
Dekalb	DKC64-23		P	205.20	17.53					23928.96	1.00	0	0
Favored	FAV808		P	190.10	17.33					22302.72	14.81	0	0
Favorer	FAV881		P	171.60	18.37					19282.56	6.88	0	0
Garst	8420IT		P	161.20	16.07					21605.76	24.61	0	0
Garst	8446	CB/LL	P	201.90	17.60					22767.36	6.67	0	0
Golden Harvest	H-8665	CB/LL	P	198.80	15.43					21605.76	59.60	0	0
Golden Harvest	H-8952	CB/LL	P	164.30	17.50					22767.36	14.55	0	0
Hubner	H3688P		P	170.30	16.90					23696.64	5.51	0	0
Hubner	H4566BRP		P	187.50	16.60					22070.40	8.42	0	0
Lewis	5967		P	179.30	17.43					21605.76	32.95	0	0
Lewis	7007		P	163.10	17.93					21605.76	10.84	0	0
LG	2597		P	189.40	16.53					23464.32	2.31	0	0
LG	2615		P	176.60	17.83					20676.48	10.39	0	0
Mycogen	2H789		P	161.00	17.23					23696.64	38.50	0	0
Mycogen	2M748		P	200.90	17.10					22999.68	4.49	0	0

Mycogen	2R731		P	182.60	15.73				23232.00	13.55	0	0
Mycogen	2R735		P	179.50	14.30				22535.04	10.32	0	0
Pioneer	33M14		P	200.90	17.13				22999.68	3.27	0	0
Pioneer	33T56		P	199.70	17.53				20676.48	4.60	0	0
Rainbow	3129		P	186.80	13.57				22767.36	22.33	0	0
Rainbow	3142		P	194.00	14.00				23928.96	9.28	0	0
Dekalb	DKC63-46		P	205.90	15.87				23232.00	19.08	0	0
Lewis	6442		P	194.20	18.37				20676.48	11.17	0	0

Yields are average of 3 replications

AgriGold	A6457	RR	FG	132.3	18.2				25845.6	0		
AgriGold	A6479	BtRR	FG	104.6	17.6				25264.8	78.92		
AgVenture	AV5668	CB	FG	148.7	18.633				25845.6	11.49		
AgVenture	AV7728	LL	FG	108.2	17.5				25264.8	38.77		
Asgrow	RX785	RR2/YGCB	FG	157.9	18.367				23522.4	22.29		
Burrus	588		FG	135.8	16.4				25845.6	7.71		
Burrus	685S		FG	152.9	18.5				23232	0		
Dekalb	DKC64-23		FG	155.5	18.067				24393.6	8.36		
Favored	FAV813		FG	131.9	17.433				23812.81	21.1		
Favored	FAV881		FG	129.9	19.133				23812.8	7.94		
Garst	8420IT		FG	135.4	17.6				23232	12.78		
Garst	8456	CB/LL	FG	153.5	18				25264.81	0		
Golden	H-8952	CB/LL	FG	142.9	18.533				23232	12.23		
Golden	H-9414	CB/LL	FG	159.9	18.367				25845.6	2.08		
Hubner	H3688P		FG	145.1	18.5				24103.2	16.15		
Hubner	H5545PR		FG	143.3	18.633				23522.4	10.44		
Lewis	5967		FG	137	18.3				26426.4	0		
Lewis	6442		FG	139.2	19.2				26136	13.66		
Lewis	7007		FG	120.5	19.3				25845.6	20.65		
Mycogen	2Y737		FG	149.8	18.567				25845.6	4.77		
Pioneer	32B83		FG	148.8	18.7				25555.2	6.45		
Pioneer	33K44		FG	169.5	18.667				25845.6	2.47		
P33P67			FG	138	18.867				23232	8.22		

Yields are average of 3 replications

AgriGold	A6585	BtRWRR	HES	156.6	18.4				24393.6	0		
AgriGold	A6633	BtRR	HES	139.3	19.6				24393.6	13.68		
AgVenture	AV8036	R2CB	HES	127.8	17.5				25845.6	18.17		
AgVenture	AV8602	CB	HES	153.2	17.867				26426.4	0		
Asgrow	RX715	RR2/YGCB	HES	119.8	17.933				25264.8	31.24		
Asgrow	RX832	YGCB	HES	142.2	21				25845.6	20.24		
Burrus	450P		HES	144.8	17.867				24974.4	10.51		
Burrus	534		HES	135.5	15.967				26136	16.64		
Dekalb	DKC61-73		HES	154.5	18.133				23812.81	17.68		
Favored	FAV793		HES	142.8	17.133				24684	14.17		
Favored	FAV841		HES	131.1	18.433				25264.8	24.94		
Garst	8446	CB/LL	HES	162	18.867				23812.8	2.56		
Golden	H-8937	CB/LL	HES	143.6	17.467				24974.4	3.68		
Golden	H-9392	CB/LL	HES	153.7	18.733				24393.6	3.7		

Hubner	H3525P		HES	120.6	17.7				26136	34.44		
Hubner	H3799P		HES	137.4	18.8				24103.2	45.09		
Lewis	4867		HES	138.5	17.2				24974.4	5.56		
Lewis	5365		HES	156.2	17.067				24684	5.19		
Mycogen	2H789		HES	147.4	18.633				25555.2	27.66		
Mycogen	2K718		HES	153.4	18.467				24103.2	4.86		
Mycogen	2P722		HES	144.2	17.567				25845.6	17.13		
Mycogen	2R731		HES	143	17.633				24393.6	12.02		
Mycogen	2R735		HES	136	17.333				24103.2	9.95		
Mycogen	2T783		HES	141.5	18.533				26136	25.36		
Mycogen	2T787		HES	144.2	18.533				24684	30.4		
Mycogen	2T828		HES	159.1	19.033				25264.81	18.93		
Pioneer	33H27		HES	163.9	18.867				24393.6	10.37		
Pioneer	34A17		HES	132.4	17.3				25845.6	14.34		
Rainbow	3105		HES	132.1	19				24393.6	12.55		
Rainbow	3158		HES	133.4	18.7				26426.4	37.62		
Wyffels	8603or8602		HES	151	17.667				25555.2	7.36		
LG	2597		HES	154.2	17.267				22651.2	5.13		
LG	2615		HES	150.5	18.4				24974.4	2.78		
LG	2640		HES	152.9	18				24974.4	5.75		
LG	2679		HES	141.8	18.733				25555.2	3.13		
DeKalb	60-18pr19		HES	151.6	17.933				25845.6	10.6		
Yields are average of 3 replications												
AgriGold	A6522		HFC	152.2	18.333				24103.2	13.04		
AgriGold	A6594	BtRWRR	HFC	135.4	19.2				23812.8	3.57		
Yields are average of 3 replications												
AgriGold	A6493ND		ND	135.7	18.033				24393.6	20.24		
AgriGold	A6393ND	Bt	ND	141.6	16.633				25845.6	1.28		
AgriGold	A6503ND	HX	ND	155.3	18.533				26716.81	4.76		
Hubner	H3487WXP		ND	159.3	17.667				24684	3.45		
Hubner	H3656WXP		ND	137.2	17.633				27297.6	15.58		
Lewis	ND4771		ND	133.7	18.7				27007.2	9.7		
Mycogen	S2J722		ND	148.8	17.833				24974.4	0		
Mycogen	S2M714		ND	138.3	17.3				24684	2.22		
Mycogen	S2R683		ND	130.3	17.533				25845.6	24.77		
Yields are average of 3 replications												