

Busey Ag Services  
***On Farm Research 2014***

Corn Research Trials  
Decatur, Illinois

**Busey**<sup>®</sup>

Hybrid Plot Aggregate

Hybrid		Stonington	Macon	Sadorus	Sullivan	Bement	Clinton	Average	Rank
Wyffels 6628	Rank	16	9	18	16	16	15	15.00	19
	Adj. Yield	241.8	262	224.1	247.2	253	263.6	248.62	
Wyffels 7888	Rank	10	5	4	9	3	4	5.83	5
	Adj. Yield	258.8	273.5	269.2	266.3	274.3	287.6	271.62	
Pioneer 0945	Rank	17	17	11	17	14	16	15.33	17
	Adj. Yield	240.9	242.2	253.7	246.8	254.6	261.5	249.95	
Pioneer 1142	Rank	18	15	14	12	12	14	14.17	16
	Adj. Yield	231.1	242.5	248.7	259.3	259.2	268.4	251.53	
Stone 6148	Rank	12	3	6	11	7	13	8.67	8
	Adj. Yield	249.7	284.3	260.7	264.7	265.8	268.6	265.63	
Stone 6258	Rank	14	6	7	14	13	12	11.00	13
	Adj. Yield	245.3	270.2	260.6	254.9	257.8	271.9	260.12	
LG 5591	Rank	13	11	13	18	15	10	13.33	14
	Adj. Yield	249.2	256.1	249.4	243.9	253.3	274.9	254.47	
LG 5603	Rank	15	13	12	13	18	17	14.67	18
	Adj. Yield	242.8	244.5	249.5	255.1	247.6	259.4	249.82	
LG5618	Rank	1	1	2	1	1	1	1.17	1
	Adj. Yield	286.5	289.3	276.4	279.7	281.4	291.3	284.10	
DKC 60-67	Rank	8	10	8	8	9	7	8.33	10
	Adj. Yield	260.9	259.8	258.9	266.4	264.7	279.5	265.03	
DKC 62-08	Rank	2	7	17	10	8	11	9.17	9
	Adj. Yield	286.2	264	237.9	264.9	265.4	271.9	265.05	
DKC 64-87	Rank	4	2	15	5	4	5	5.83	2
	Adj. Yield	279.4	284.8	247.6	276	273.6	283.8	274.20	
Channel 209-53	Rank	*	16	1	6	10	6	7.80	7
	Adj. Yield	*	242.2	277.5	274.4	261.6	282.5	267.64	
Channel 213-59	Rank	7	14	16	7	11	3	9.67	12
	Adj. Yield	266.8	243.4	247.2	267.5	260.6	288.3	262.30	
Channel 217-08	Rank	6	4	3	2	6	9	5.00	3
	Adj. Yield	268.2	278.7	272.2	278.6	265.8	275.2	273.12	
Mycogen 2C799	Rank	9	18	9	15	17	18	14.33	15
	Adj. Yield	259.5	238.3	257	251	252.4	255.9	252.35	
Becks 6365	Rank	3	12	5	4	2	8	5.67	4
	Adj. Yield	284.5	248.8	268.2	276.4	275.4	278.7	272.00	
Great Lakes 6462	Rank	5	8	10	3	5	2	5.50	6
	Adj. Yield	271.7	262.4	255.9	277.3	267.7	289.9	270.82	
	Rank								
	Adj. Yield								
DKC 63-33	Rank								
CHECK	AVG Yield	262.2	267.4	242	261.4	263.5	278.9	262.57	11

Busey Ag Services Replicated Corn Trial Consistency Chart

Hybrid	Maturity	Plots	Years	% of time Above Plot	AVG. Bushels Above
				Average	The Average
Wyffels 6628 GENSS	110	6	1	0.00	/
Wyffels 7888 GENSS	114	10	2	80.00	12.8
Pioneer 0945 AMX	109	6	1	0.00	/
Pioneer 1142 AMX	111	6	1	0.00	/
Stone 6148 GENSS	111	6	1	50.00	9.6
Stone 6258 GENSS	112	6	1	16.60	4.2
LG 5591 GENSS	110	6	1	0.00	/
LG 5603 GENSS	111	6	1	0.00	/
LG 5618 GENSS	112	11	2	100.00	21.3
DKC 60-67 GENSS	110	6	1	83.30	2.4
DKC 62-08 GENSS	112	25	2	40.00	13.9
DKC 64-87 GENSS	114	11	2	72.72	16.5
Channel 209-53 STX	109	5	1	75.00	13.0
Channel 213-59 STX	113	11	2	63.63	11.8
Channel 217-08 VT3P	117	6	1	83.33	12.0
Mycogen 2C799 SSX	114	6	1	0.00	/
Becks 6365 AMXT	113	6	1	83.33	12.9
Great Lakes 6462 GENSS	114	6	1	83.33	9.3
DKC 63-33 GENSS	113	29	2	51.72	9.6

# Bussey Ag Services

Replicated Corn Trials

OPERATOR: Paul Roney  
 LOCATION: Sullivan IL  
 FARM: Winifred Titus Sentel Trust  
 GPS COORDINATES:

Planted North to South

PLANTED: 4/22/2014  
 HARVESTED: 9/24/2014  
 PLANTING RATE: 34,500  
 PREVIOUS CROP: Soybeans  
 TILLAGE SYSTEM: Conventional

Company	Entry	ROWS	LENGTH	WEIGHT	MOISTURE	YIELD	ADJ/YIELD	RANK
Border								
Check	Dekalb 63-33RIB	8	440	3048	17.70	260.9	262.6	
Wyffels	6628RIB	8	440	2942	18.40	249.6	247.2	16
Wyffels	7888RIB	8	440	3274	21.00	269.0	266.3	9
Pioneer	0945AMX	8	440	2956	18.90	249.3	246.8	17
Pioneer	1142AMX	8	440	3090	18.50	261.9	259.3	12
Stone	6148RIB	8	440	3174	19.00	267.4	264.7	11
Stone	6258RIB	8	440	3042	18.60	257.5	254.9	14
Check	Dekalb 63-33RIB	8	440	3084	17.60	264.3	262.5	
LG	5591STX	8	440	2936	19.30	246.4	243.9	18
LG	5603STX	8	440	3044	18.60	257.7	255.1	13
LG	5618STX	8	440	3448	21.20	282.5	279.7	1
Dekalb	60-67RIB	8	440	3206	19.30	269.1	266.4	8
Dekalb	62-08RIB	8	440	3184	19.20	267.5	264.9	10
Dekalb	64-87RIB	8	440	3338	19.70	278.7	276.0	5
Check	Dekalb 63-33RIB	8	440	3098	19.10	260.6	260.3	
Channel	209-53STXRIB	8	440	3262	19.10	274.4	274.4	6
Channel	213-59STXRIB	8	440	3228	20.30	267.5	267.5	7
Channel	217-08VT3PRIB	8	440	3444	22.20	278.6	278.6	2
Mycogen	2C799	8	440	3028	20.30	251.0	251.0	15
Becks	6365 AMXT	8	440	3306	19.60	276.4	276.4	4
Great Lakes	6462STXRIB	8	440	3354	20.50	277.3	277.3	3
Check	Dekalb 63-33RIB	8	440	3074	18.70	259.9	259.9	
CHECK AVERAGE						261.4		
PLOT AVERAGE						264.9	263.9	

# Bussey Ag Services

## Replicated Corn Trials

OPERATOR: Mark Lillpop

LOCATION: Macon, IL

FARM: John Ullrich Foundation

GPS COORDINATES:

PLANTED: 4/23/2014

HARVESTED: 9/19/2014

PLANTING RATE: 34000.00

PREVIOUS CROP: Soybeans

TILLAGE SYSTEM: Conventional

Company	Entry	ROWS	LENGTH	WEIGHT	MOISTURE	YIELD	ADJ/YIELD	RANK
Border								
Check	Dekalb 63-33RIB	8	475	3106	19.50	240.9	257.5	
Wyffels	6628RIB	8	475	3336	21.60	251.9	262.0	9
Wyffels	7888RIB	8	475	3578	23.70	263.0	273.5	5
Pioneer	0945AMX	8	475	3156	23.40	232.9	242.2	17
Pioneer	1142AMX	8	475	3092	21.70	233.2	242.5	15
Stone	6148RIB	8	475	3714	23.60	273.3	284.3	3
Stone	6258RIB	8	475	3498	22.90	259.8	270.2	6
Check	Dekalb 63-33RIB	8	475	3642	21.90	274.0	277.9	
LG	5591STX	8	475	3578	22.60	266.8	256.1	11
LG	5603STX	8	475	3488	24.20	254.7	244.5	13
LG	5618STX	8	475	4160	24.80	301.3	289.3	1
Dekalb	60-67RIB	8	475	3634	22.70	270.6	259.8	10
Dekalb	62-08RIB	8	475	3670	22.20	275.0	264.0	7
Dekalb	64-87RIB	8	475	4058	24.10	296.7	284.8	2
Check	Dekalb 63-33RIB	8	475	3784	22.70	281.8	283.1	
Channel	209-53TXRIB	8	475	3438	22.20	257.7	242.2	16
Channel	213-59TXRIB	8	475	3528	23.80	259.0	243.4	14
Channel	217-08VT3PRIB	8	475	4188	26.50	296.5	278.7	4
Mycogen	2C799	8	475	3518	25.20	253.5	238.3	18
Becks	6365 AMXT	8	475	3664	25.00	264.7	248.8	12
Great Lakes	6462TXRIB	8	475	3900	25.70	279.1	262.4	
Check	Dekalb 63-33RIB	8	475	3766	21.60	284.4	284.4	8
CHECK AVERAGE						267.4		
PLOT AVERAGE						266.9	260.4	

# Bussey Ag Services

Replicated Corn Trials

**OPERATOR:** Rob Carls  
**LOCATION:** Stonington IL  
**FARM:** Owen Heirs - Stonington  
**GPS COORDINATES:** Planted East to West  
**PLANTED:** 4/24/2014  
**HARVESTED:** 9/17/2014  
**PLANTING RATE:** 35,000  
**PREVIOUS CROP:** Beans  
**TILLAGE SYSTEM:** Conventional

Company	Entry	ROWS	LENGTH	WEIGHT	MOISTURE	YIELD	ADJ/YIELD	RANK
Border								
Check	Dekalb 63-33RIB	8	500	3822	23.10	269.0	267.5	
Wyffels	6628RIB	8	500	3474	22.40	246.7	241.8	16
Wyffels	7888RIB	8	500	3874	25.50	264.1	258.8	10
Pioneer	0945AMX	8	500	3498	23.20	245.8	240.9	17
Pioneer	1142AMX	8	500	3364	23.40	235.8	231.1	18
Stone	6148RIB	8	500	3630	23.30	254.8	249.7	12
Stone	6258RIB	8	500	3534	22.60	250.3	245.3	14
Check	Dekalb 63-33RIB	8	500	3726	22.00	266.0	262.1	
LG	5591STX	8	500	3514	22.50	249.2	249.2	13
LG	5603STX	8	500	3410	22.20	242.8	242.8	15
LG	5618STX	8	500	4146	24.50	286.5	286.5	1
Dekalb	60-67RIB	8	500	3722	23.40	260.9	260.9	8
Dekalb	62-08RIB	8	500	4088	23.50	286.2	286.2	2
Dekalb	64-87RIB	8	500	3986	23.40	279.4	279.4	4
Channel	211-245TXRIB	8	500	3708	23.80	258.6	258.6	11
Channel	213-595TXRIB	8	500	3898	25.20	266.8	266.8	7
Check	Dekalb 63-33RIB	8	500	3684	23.40	258.2	256.9	
Channel	217-08 VT3PRO	8	500	3936	27.00	262.9	268.2	6
Mycogen	2C799	8	500	3716	25.20	254.4	259.5	9
Becks	6365 AMXT	8	500	4086	25.40	278.9	284.5	3
Great Lakes	64625TXRIB	8	500	3934	26.00	266.4	271.7	5
Check	Dekalb 63-33RIB	8	500	3632	23.10	255.6	261.1	
CHECK AVERAGE						262.2		
PLOT AVERAGE						260.9	260.0	

Extra Grower Entries								
Wyffels	7108RIB	8	500	3632	23.1	255.6	253.0	
Wyffels	7718RIB	8	500	3538	23.9	246.4	243.9	
AgriGold	6533	8	500	3732	27.3	248.3	245.8	
AgriGold	6573	8	500	3922	26.8	262.7	260.1	
AgriGold	6559	8	500	3694	24.8	254.2	251.7	
AgriGold	6499	8	500	4160	25.5	283.6	280.8	
Check	Dekalb 633-33RIB	8	500	3758	22.5	266.5	266.5	

# Bussey Ag Services

## Replicated Corn Trials

OPERATOR: Steve Stierwalt  
 LOCATION: Sadorus IL  
 FARM: Hunt Farm - Champaign County  
 GPS COORDINATES:

Planted West to East behind Bins

PLANTED: 4/24/2014  
 HARVESTED: 9/23/2014  
 PLANTING RATE: 35,500  
 PREVIOUS CROP: Corn  
 TILLAGE SYSTEM: Vertical

Company	Entry	ROWS	LENGTH	WEIGHT	MOISTURE	YIELD	ADJ/YIELD	RANK
Border								
Check	Dekalb 63-33RIB	8	485	3160	19.20	240.9	246.1	
Wyffels	6628RIB	8	485	3060	20.80	228.6	224.1	18
Wyffels	7888RIB	8	485	3700	21.30	274.7	269.2	4
Pioneer	0945AMX	8	485	3500	21.60	258.9	253.7	11
Pioneer	1142AMX	8	485	3440	21.80	253.8	248.7	14
Stone	6148RIB	8	485	3560	20.80	266.0	260.7	6
Stone	6258RIB	8	485	3600	21.70	265.9	260.6	7
Check	Dekalb 63-33RIB	8	485	3320	19.80	251.2	247.3	
LG	5591STX	8	485	3380	20.20	254.5	249.4	13
LG	5603STX	8	485	3420	21.10	254.6	249.5	12
LG	5618STX	8	485	3780	20.90	282.1	276.4	2
Dekalb	60-67RIB	8	485	3540	20.90	264.2	258.9	8
Dekalb	62-08RIB	8	485	3220	20.10	242.7	237.9	17
Dekalb	64-87RIB	8	485	3360	20.30	252.6	247.6	15
Check	Dekalb 63-33RIB	8	485	3220	19.90	243.3	237.9	
Chanel	209-53STXRIB	8	485	3600	19.90	272.0	277.5	1
Chanel	213-59STXRIB	8	485	3260	21.20	242.4	247.2	16
Chanel	217-08VT3PRIB	8	485	3580	21.00	266.8	272.2	3
Mycogen	2C799	8	485	3500	23.70	251.9	257.0	9
Becks	6365AMXT	8	485	3620	23.00	263.0	268.2	5
Great Lakes	6462STXRIB	8	485	3440	22.70	250.9	255.9	10
Check	Dekalb 63-33RIB	8	485	3200	23.00	232.5	232.5	
CHECK AVERAGE						242.0		
PLOT AVERAGE						255.2	256.4	

# Bussey Ag Services

## Replicated Corn Trials

**OPERATOR:** John Morris  
**LOCATION:** Ivesdale, IL  
**FARM:** Nancy Van Grondelle Farm  
**GPS COORDINATES:**  
 Planted West to East

**PLANTED:** 4/24/2014  
**HARVESTED:** 9/25/2014  
**PLANTING RATE:** 35,000  
**PREVIOUS CROP:** Beans  
**TILLAGE SYSTEM:** Conventional

Company	Entry	ROWS	LENGTH	WEIGHT	MOISTURE	YIELD	ADJ/YIELD	RANK
Border								
Check	Dekalb 63-33RIB	8	600	4190	19.00	258.8	257.8	
Wyffels	6628RIB	8	600	4076	20.20	248.0	253.0	16
Wyffels	7888RIB	8	600	4610	23.50	268.9	274.3	3
Pioneer	0945AMX	8	600	4096	20.10	249.6	254.6	14
Pioneer	1142AMX	8	600	4208	20.80	254.2	259.2	12
Stone	6148RIB	8	600	4364	21.70	260.6	265.8	7
Stone	6258RIB	8	600	4132	19.80	252.7	257.8	13
Check	Dekalb 63-33RIB	8	600	4186	19.60	256.7	263.1	
LG	5591STX	8	600	4142	19.80	253.3	253.3	15
LG	5603STX	8	600	4104	20.90	247.6	247.6	18
LG	5618STX	8	600	4894	24.60	281.4	281.4	1
Dekalb	60-67RIB	8	600	4360	20.40	264.7	264.7	9
Dekalb	62-08RIB	8	600	4372	20.40	265.4	265.4	8
Dekalb	64-87RIB	8	600	4654	22.90	273.6	273.6	4
Check	Dekalb 63-33RIB	8	600	4406	19.80	269.5	269.3	
Channel	209-53STXRIB	8	600	4454	21.40	267.0	261.6	10
Channel	213-59STXRIB	8	600	4442	21.50	265.9	260.6	11
Channel	217-08VT3PRIB	8	600	4724	24.70	271.3	265.8	6
Mycogen	2C799	8	600	4404	23.30	257.6	252.4	17
Becks	6365 AMXT	8	600	4670	21.10	281.0	275.4	2
Great Lakes	6462STXRIB	8	600	4738	24.40	273.2	267.7	5
Check	Dekalb 63-33RIB	8	600	4400	19.80	269.1	269.1	
CHECK AVERAGE						263.5		
PLANT AVERAGE						263.2	263.0	



# Bussey Ag Services

## Replicated Corn Trials

OPERATOR: Chris Schick  
 LOCATION: Forsyth IL  
 FARM: Chris's House  
 GPS COORDINATES:  
 Planted South to North

PLANTED: 5/5/2014  
 HARVESTED: 11/6/2014  
 PLANTING RATE: 35,500  
 PREVIOUS CROP: Beans  
 TILLAGE SYSTEM: Conventional with Spring NH3

Company	Entry	ROWS	LENGTH	WEIGHT	MOISTURE	YIELD	ADJ/YIELD	RANK
Border		6						
Check	Dekalb 63-33RIB	6	770	4150	15.50	277.8	277.7	
Wyffels	6628RIB	6	770	3966	16.10	263.6	263.6	15
Wyffels	7888RIB	6	770	4352	16.60	287.6	287.6	4
Pioneer	0945AMX	6	770	3892	15.20	261.5	261.5	16
Pioneer	1142AMX	6	770	4014	15.60	268.4	268.4	14
Stone	6148RIB	6	770	4074	16.80	268.6	268.6	13
Stone	6258RIB	6	770	4100	16.30	271.9	271.9	12
Check	Dekalb 63-33RIB	6	770	4160	15.80	277.5	279.5	
LG	5603STX	6	770	4150	16.40	274.9	274.9	10
LG	5591STX	6	770	3950	17.10	259.4	259.4	17
LG	5618STX	6	770	4440	17.20	291.3	291.3	1
Dekalb	60-67RIB	6	770	4250	17.00	279.5	279.5	7
Dekalb	62-08RIB	6	770	4110	16.50	271.9	271.9	11
Dekalb	64-87RIB	6	770	4290	16.50	283.8	283.8	5
Check	Dekalb 63-33RIB	6	770	4230	16.00	281.5	280.1	
Channel	209-53STXRIB	6	770	4270	16.50	282.5	282.5	6
Channel	217-08VT3PRIB	6	770	4160	16.50	275.2	275.2	9
Channel	213-59STXRIB	6	770	4400	17.30	288.3	288.3	3
Mycogen	2C799	6	770	3910	17.40	255.9	255.9	18
Becks	6365 AMXT	6	770	4290	18.00	278.7	278.7	8
Great Lakes	6462STXRIB	6	575	3300	17.20	289.9	289.9	2
Check	Dekalb 63-33RIB	6	575	3130	16.10	278.6	278.6	
CHECK AVERAGE						278.9		
PLOT AVERAGE						275.8	275.2	

Channel 211-24 STXRIB 6 575 3020 15.9 269.5 269.5

ADDITIONAL ENTRY