

COOPERATIVE EXTENSION

 University of
Kentucky
College of Agriculture,
Food and Environment



2016 TRI-COUNTY GRAIN IMPROVEMENT SERIES

A review of seed and in-furrow products for producers
in McLean, Hopkins and Webster counties.



**Follow us on Facebook @ *Tri-County Grain Improvement Series*

Cooperative Extension Service
Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
Community and Economic Development

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
LEXINGTON, KY 40546



Disabilities
accommodated
with prior notification.

WEBSTER COUNTY

EARLY-MARGINAL CORN PLOT

Cooperator: Boles
Planting Date: April 19, 2016
Harvest Date: September 28, 2016
Planting Population: 30K
Primary Soil Type: Karnak Silty Clay
Row Width: 8 rows with 4 row checks
Plot Location: Bell Gatlin Rd.
Previous Crop: Soybeans
Check: Agrigold 6559

	<u>Brand</u>	<u>Hybrid</u>	<u>Moisture</u>	<u>Harvested Yld Bu/A</u>	<u>Adjusted Yield</u>	<u>Rank</u>
1	CHECK	A6559	13.20	193.63		
2	Great Lakes	5944	13.60	188.99	200.88	3
3	Steyer	10805svt2prorib	13.60	189.67	202.04	2
4	LG	5548vt2RIB	13.60	188.08	199.33	4
5	Armor	0909 PRO RIB	13.40	180.03	185.59	6
6	CHECK	A6559	13.30	158.64		
7	Pfister	2770RA	13.90	151.52	154.14	12
8	Becks	5828 AM	13.80	143.24	146.48	15
9	Seed Consultants	SCS1136YHR	14.10	182.02	206.20	1
10	Origin Seed Tech	LG03E	15.60	177.72	198.86	5
11	CHECK	A6559	13.30	143.66		
12	Caverndale	CF791GT 212-	14.30	109.98	147.00	14
13	Channel	26VT2PRIB	13.50	134.97	154.32	11
14	Dekalb	DKC62-78RIB	13.50	173.96	182.18	8
15	Dynagrow	D52VC91RIB	13.70	168.57	172.98	10
16	CHECK	A6559	14.00	186.97		
17	Pioneer	1257AM	13.20	172.51	178.04	9
18	Wyffels	W7456RIB	14.80	175.49	183.14	7
19	Origin Seed Tech	L603G	15.40	112.05	149.27	13
21	CHECK	A6559	13.80	148.03		



MCLEAN COUNTY

EARLY MARGINAL CORN PLOT

Cooperator: Logsdon
Planting Date: April 20, 2016
Harvest Date: September 27, 2016
Planting Population: 29K
Primary Soil Type: Melvin Silt Loam
Row Width: 30 in.
Plot Location: Pond Drain Rd.
Previous Crop: Soybeans
Check: Agrigold 6659

	<u>Brand</u>	<u>Hybrid</u>	<u>Moisture</u>	<u>Harvested Yld Bu/A</u>	<u>Adjusted Yield</u>	<u>Rank</u>
1	Agrigold-CK	A6559	18.50	144.00		
2	Great Lakes	5944	21.10	179.40	198.65	1
3	Steyer	10805vt2prorib	22.50	151.50	159.00	16
4	LG	5548vt2RIB	19.80	173.06	186.69	6
5	Armor	0909 PRO RIB	19.00	173.92	187.52	5
6	Check	A6559	17.60	164.02		
7	Pfister	2770RA	18.80	182.40	194.69	4
8	Becks Seed	5828 AM	19.90	162.80	169.41	13
9	Consultants Origin Seed	SCS1136YHR	21.00	183.40	198.40	2
10	Tech	LG03E	22.20	151.26	166.28	15
11	Check	A6559	17.70	167.30		
12	Caverndale	CF791GT 212-	20.70	146.50	167.22	14
13	Channel	26VT2PRIB	17.20	178.80	183.37	7
14	Dekalb	DKC62-78RIB	19.90	173.70	177.91	10
15	Dynagrow	D52VC91RIB	18.60	184.90	196.25	3
16	Check	A6559	17.60	171.06		
17	Pioneer	1257AM	19.30	164.40	176.83	11
18	Wyffels Origin Seed	W7456RIB	17.70	179.40	181.42	8
19	Tech Seed	L603G	19.60	164.04	176.78	12
20	Consultants	SCS1085YHR	16.80	178.40	180.67	9
21	Check	A6559	16.90	181.40		



MCLEAN COUNTY

LATE PRODUCTIVE CORN PLOT

Cooperator: Frailley
Planting Date: April 19, 2016
Harvest Date: September 27, 2016
Planting Population: 29K
Primary Soil Type: Melvin Silt Loam
Row Width: 30 in.
Plot Location: Pond Drain Rd.
Previous Crop: Soybeans
Check: Agrigold 6659

	<u>Brand</u>	<u>Hybrid</u>	<u>Moisture</u>	<u>Harvested Yld Bu/A</u>	<u>Adjusted Yield</u>	<u>Rank</u>
1	Agrigold-CK	6659VT3PRIB	13.30	202.14		
2	Great Lakes	6462VT2RIB	13.90	174.40	193.22	9
3	Steyer	11408	14.30	177.50	193.93	8
4	LG	5650STX	14.10	177.50	194.04	7
5	Armor	1500PRO2	15.30	204.74	208.91	1
6	Check	6659VT3PRIB	15.50	197.55		
7	Pfister	3366RA	13.50	175.82	190.45	12
8	Becks	6365	13.40	196.69	205.07	4
9	Seed Consultants	11HR63	13.80	194.71	200.24	6
10	Origin Seed Tech	LG03E	17.30	182.98	190.55	11
11	Check	6659VT3PRIB	13.20	192.50		
12	Caverndale	894VT2PRORIB	13.60	181.29	186.76	15
13	Channel	21552DT3PRIB	13.40	191.14	200.67	5
14	Dekalb	DKC6758RIB	13.60	177.85	185.73	16
15	Dynagrow	D55VC77RIB	13.80	183.63	187.34	14
16	Check	6659VT3PRIB	14.60	182.64		
17	Pioneer	1637	13.60	196.29	205.37	3
18	Wyffels	W7696RIB	12.30	177.40	189.89	13
19	Origin Seed Tech	L603G	14.00	182.88	190.59	10
20	Seed Consultants	SCS1085YHR	13.80	198.49	208.49	2
21	Check	6659VT3PRIB	13.80	202.63		



MCLEAN COUNTY

GROUP 3.0-3.9 SOYBEAN PLOT

Cooperator: Dame Farms
Planting Date: June 6, 2016
Harvest Date: October 18, 2016
Planting Population: 185K
Primary Soil Type: Newark Silt Loam
Row Width: 15 in.
Plot Location: 138 West
Previous Crop: Soybeans
Check: Pfister 39R29

	Brand	Variety	Test Weight	Moisture	Harvest Yield	Rank
1	Asgrow	3936	54.9	10.6	60.5	7
2	Seed Consultants	SS9393	55.0	10.4	64.5	3
3	Pioneer	35T58R	54.5	10.5	57.6	10
4	NK/Syngenta	No-Treatment S35-C3	54.1	10.8	56.6	15
5	Channel	3707R2	54.6	10.5	60.4	8
6	LG	3989R2	55.0	11.1	63.6	4
7	Asgrow	3832	55.4	11.1	57.2	14
8	Caverndale	CF395RR-575	56.7	11.2	49.9	16
9	Dynagrow	39RY65	54.7	10.6	57.5	11
10	Pioneer	32T16	54.4	10.7	43.7	18
11	Asgrow	3634	55.4	10.9	63.3	5
12	Caverndale	CF387HTGIYR1	54.9	10.6	57.5	11
13	Becks	365R2	54.8	10.7	62.6	6
14	Steyer	3301R2	55.4	10.7	57.5	13
15	Becks	393R4	55.9	10.8	66.8	1
16	Steyer	3705R2	54.9	10.7	59.2	9
17	Pfister	35R25	55.2	10.6	65.7	2
18	Pfister	39R29	54.7	10.9	47.9	17

Plot Average

55.5

10.3

67.19



HOPKINS COUNTY

GROUP 3.0-3.9 SOYBEAN PLOT

Cooperator: Dame Farms
Planting Date: June 2, 2016
Harvest Date: October 17, 2016
Planting Population: 185K
Primary Soil Type: Weinbach Silt Loam
Row Width: 15 in.
Plot Location: Weldon Rd.
Previous Crop: Soybeans

			Test		Harvest	
	Brand	Variety	Weight	Moisture	Yield	Rank
1	Asgrow	3936	55.5	10.6	53.4	10
2	Seed Consultants	SS9393	55.1	10.4	61.3	2
3	Pioneer	35T58R	55.4	10.5	52.7	13
4	NK/Syngenta	No-Treatment S35-C3	54.9	10.8	58.3	6
5	Channel	3707R2	55.2	10.5	63.0	1
6	LG	3989R2	54.8	11.1	59.7	4
7	Asgrow	3832	54.7	11.1	52.4	15
8	Caverndale	CF395RR-575	55.5	11.2	49.3	16
9	Dynagrow	39RY65	55.4	10.6	41.1	18
10	Pioneer	32T16	54.4	10.7	47.1	17
11	Asgrow	3634	54.9	10.9	54.0	8
12	Caverndale	CF387HTGIYR1	54.5	10.6	60.6	3
13	Becks	365R2	54.1	10.7	56.7	7
14	Steyer	3301R2	54.9	10.7	53.6	9
15	Becks	393R4	55.6	10.8	59.4	5
16	Steyer	3705R2	54.6	10.7	52.6	14
17	Pfister	35R25	55.1	10.6	53.2	11
18	Pfister	39R29	54.4	10.9	53.1	12
19	30 in row	39R29	53.5	10.3	37.0	19



HOPKINS COUNTY

IN-FURROW PRODUCT TRIAL-GROUP 4 SOYBEAN

Cooperator: Beanland Farms
Planting Date: June 21, 2016
Harvest Date: October 17, 2016
Planting Population: 185K
Primary Soil Type: Weinbach Silt Loam
Row Width: 15 in.
Plot Location: Weldon Rd.
Previous Crop: Soybeans
Soybean Check: Channel 4806

	Company	Products	Moisture	Harvested Yield	Rank
A.)	CPS	Accomplish Radiate Black Maxx 22	10.6	58.7	3
B.)	CPS	Leviate	10.6	59.0	1
C.)	Security Seed & Chemical	Progerm Sure-K Liberate Calcium	10.8	56.8	6
D.)	Security Seed & Chemical	Actuate Liberate Ca	10.7	57.5	5
E.)	CPS	Black Label Zinc	10.9	58.7	2
F.)	Security Seed & Chemical	Liberate Ca Navigate	10.7	57.6	4
G.)	Southern States	Carbon Microhance Crop Pro Agrihance	10.9	54.6	7



WEBSTER COUNTY

IN-FURROW PRODUCT TRIAL-DOUBLE CROP GROUP 4 SOYBEAN

Cooperator: Benson Farms
Planting Date: June 24, 2016
Harvest Date: October 31, 2016
Planting Population: 185K
Primary Soil Type: Belknap Silt Loam
Row Width: 15 in.
Plot Location: Highway 41
Previous Crop: Canola
Soybean Check: Channel 4806

	Company	Products	Moisture	Harvested Yield	Rank
A.)	CPS	Accomplish Radiate Black Maxx 22	15.8	83.7	5
B.)	CPS	Leviate	15.6	84.8	4
C.)	Security Seed & Chemical	Progerm Sure-K Liberate Calcium	15.3	80.3	7
D.)	Security Seed & Chemical	Actuate Liberate Ca	15.1	90.4	1
E.)	CPS	Black Label Zinc	15	82.1	6
F.)	Security Seed & Chemical	Liberate Ca Navigate	14.7	84.6	3
G.)	Southern States	Carbon Microhance Crop Pro Agrihance	14.9	86.4	2
CHECK			14.8	77.3	



WEBSTER COUNTY

GROUP 4.0-4.9 SOYBEAN TRIAL

Cooperator: Benson Farms
Planting Date: June 21, 2016
Harvest Date: October 31, 2016
Planting Population: 185K
Primary Soil Type: Belknap Silt Loam
Row Width: 15 in.
Plot Location: Highway 41
Previous Crop: Canola
Soybean Check: Channel 4806

	Brand	Variety	Test Weight	Moisture	Harvested Yield Bu/A	Rank
1	Channel	4806	55.8	13.9	73.7	5
2	Nk	S45-R7	55.4	13.6	67.1	10
3	Pioneer	P46-TOIR	56.0	13.2	79.5	1
4	Pioneer	P47T36R	55.6	13.4	76.5	2
5	Becks	387R4	54.9	14.0	63.0	12
6	Stine	38RE02	55.2	13.5	73.4	6
7	Nk	S39C4	54.4	13.0	66.6	11
8	Pfister	41RSOI	55.3	13.5	70.2	9
9	Stine	41RH22	54.8	13.2	74.3	4
10	Pfister	45R23	55.1	12.9	71.7	7
11	Becks	453R4	55.2	13.3	70.7	8
12	Nk	S47-K5	55.4	12.7	74.3	3
Plot Average			55.3	13.4	71.7	

