



A Tradition of Trust

2011 INDEPENDENT PLOT RESULTS



Vital Information When
Making Seed Selections to
Boost Yields and Profitability

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Farmers State Bank is pleased to present our "2011 Independent Plot Results." Customers tell us that the results from our plots provide vital information they use to make seed selections that boost yields and profitability.

We started the first plot as a service to farmers located in West Central Illinois in 2003. At that time, there were no local independent plots, so we founded ours with the belief that ag producers could use the plot results to make more informed decisions.

Today there are two and we manage both!

Seed representatives are invited to participate in the plot and to provide their most promising seed varieties. After harvest, the bank records the yield for each seed variety and publishes the results in an independent, unbiased manner. Thirty-two varieties of corn were featured in the Jerseyville plot and sixty-eight in Pittsfield in 2011. Operating two plots offers the advantage of seeing the effects of differing weather conditions and soils.

Naturally, we offer our gratitude to the seed representatives, the owners of the Irick farm in Pittsfield, and farmer tenants Denny Dell and Eugene Myers ... and to Clint Warford, who farms the Yocom Trust's land in Jerseyville. Without your dedication and help, none of this would be possible.

I hope this information will assist you in your future endeavors. Farmers State Bank remains committed to agriculture and appreciates this opportunity to serve you.

Lewis M. Grigsby Jr.
President & CEO

JERSEYVILLE PLOT RESULTS

COMPANY	VARIETY	MOISTURE	TEST WEIGHT	SCALE WEIGHT (LBS.)	HARVEST BU/A	YIELD							
						160	170	180	190	200	210	220	
CHECK-FS	62MV4	15.5%	55.0	2336	179.20								
LG Seed	2620 VT3	16.7%	57.0	2722	205.85								
LG Seed	2636 VT3	17.1%	57.8	2812	211.63								
Stine	9806 VT3	18.4%	55.3	2648	196.16								
Stine	9731 VT3	16.5%	57.5	2578	195.42								
CHECK-FS	62MV4	15.5%	58.3	2430	186.41								
Stone	6234 VT3	15.7%	58.7	2646	202.50								
Stone	6404G VT3	15.8%	58.7	2712	207.31								
Wyffels	W7477 VT3	15.7%	58.2	2552	195.31								
Wyffels	W7997 VT3	16.4%	57.6	2584	196.11								
CHECK-FS	62MV4	15.8%	57.7	2626	200.73								
DynaGro	D52VP20	15.4%	59.1	2684	206.14								
DynaGro	D51VP40	16.1%	57.9	2554	194.53								
NK	72F 3000GT	18.0%	57.8	2514	187.15								
NK	74R 3000GT	18.0%	58.4	2578	191.91								
CHECK-FS	62MV4	15.2%	57.4	2620	201.70								
Croplan	6525 VT3	15.2%	58.1	2656	204.47								
Croplan	7505 VT3	16.6%	58.5	2488	188.38								
Dekalb	6469 VT3	16.1%	58.8	2582	196.67								
Dekalb	6297	15.7%	57.4	2748	210.31								
CHECK-FS	62MV4	16.7%	58.4	2632	199.04								
Nutech	5H-515	18.0%	60.3	2722	202.63								
Nutech	5H-314	16.5%	60.8	2536	192.24								
Channel	216-96 VT3	15.6%	57.6	2234	171.17								
Channel	214-14 VT3	15.9%	60.3	2904	221.72								
CHECK-FS	62MV4	15.2%	56.4	2574	198.16								
Pfister	2674 XHTR	16.4%	56.1	2646	200.82								
Pfister	2574 HXX	15.6%	57.5	2580	197.68								
FS	66541	19.3%	58.9	2782	203.82								
FS	63MV4	14.9%	58.3	2030	156.83								
CHECK-FS	62MV4	16.5%	58.5	2654	201.19								
AgVenture	7966 AM1	15.8%	60.3	2520	192.63								
AgVenture	8950 HBW	18.7%	59.2	2550	188.21								
Masters Choice	6323 3000GT	15.7%	57.8	2274	174.03								
Masters Choice	617 VT3	16.1%	57.2	2522	192.09								
CHECK-FS	62MV4	15.5%	57.8	2592	198.84								
Lewis	1211 VT3	16.1%	58.8	2676	203.82								
Lewis	1215 VT3	16.7%	59.4	2814	212.80								
Federal Hybrids	RK 113	16.9%	57.6	2568	193.73								
CHECK-FS	62MV4	15.9%	58.2	2586	197.44								



Planting Date 5/6/11
Plot was planted north to south
Planting population 32,000/acre
Planted on 30" rows
Row length 672
Harvest Date 10/5/11

**Jerseyville Plot
Chemical & Application
Schedule:**
10/21/10
155 #DAP, 95 # Potash
5/27/11

- 180 units Anhydrous Ammonia (side dressed)
- Degree XTRA applied @ 1.5 quarts
- AATREX applied @ 1.5 quarts
- Round-Up Power Max @ 1 quart
- No additional Insecticide (Traited Corn)



PITTSFIELD PLOT RESULTS

COMPANY	VARIETY	MOISTURE	TEST WEIGHT	SCALE WEIGHT (LBS.)	HARVEST BU/A	YIELD													
						120	130	140	150	160	170	180	190	200	210				
CHECK-Pioneer	P1395XR	13.2%	58.0	1796	134.6														
LG Seeds	LG2549VT3	12.5%	56.1	1874	142.3														
LG Seeds	LG2602VT3	13.1%	55.2	1922	144.9														
LG Seeds	LG2620VT3	13.4%	56.7	2112	150.8														
LG Seeds	LG2636VT3	13.4%	55.1	2010	136.1														
Stone	5913 VT3	12.9%	57.7	2244	153.3														
Stone	6128RIB	12.7%	55.8	2160	146.6														
Stone	6234GVT3P	13.8%	57.5	2466	165.2														
Stone	6404GVT3P	14.4%	55.6	2372	158.3														
Garst	84U58-3000G	13.0%	53.3	2186	147.8														
Garst	84Z02GT	13.8%	58.5	2066	137.2														
Garst	83F08-3000G	14.1%	56.6	2292	152.6														
Garst	83Z99-3000G	14.5%	57.8	1916	127.0														
Channel	209-85VT3P	13.8%	57.9	2036	135.6														
Channel	212-17VT3P	12.7%	56.6	2088	140.8														
Channel	214-14VT3P	13.6%	58.8	2306	153.5														
Channel	216-63VT3	13.8%	56.7	2346	156.2														
CHECK-Pioneer	P1395XR	14.1%	57.8	2380	158.0														
NK Brand	N63R-3000G	13.5%	57.6	1992	133.9														
NK Brand	N68B-3000G	13.4%	57.6	2288	155.0														
NK Brand	N74R-3000G	13.6%	55.0	2282	154.7														
NK Brand	N72Q-3111	14.7%	57.2	2214	149.6														
Burrus	6A27T	14.2%	58.9	2442	166.4														
Power Plus	4A30AM1	13.6%	60.8	2254	156.7														
Power Plus	7A18AM1	14.8%	58.4	2352	161.7														
Power Plus	7D51Q	14.2%	59.4	2272	157.8														
Dekalb	DKC61-69	12.8%	57.9	2222	157.4														
Dekalb	DKC62-54	12.9%	57.5	2180	154.2														
Dekalb	DKC63-84	12.2%	56.8	2398	170.4														
Dekalb	DKC64-69	13.7%	56.9	2338	163.9														
FS	FS 58MV4	12.5%	56.0	1982	140.0														
FS	FS 61BX1	13.3%	58.7	2304	161.2														
FS	FS 62MV4	13.1%	57.5	2132	149.0														
FS	FS 64JV3	13.3%	58.6	2132	147.3														
CHECK-Pioneer	P1395XR	12.6%	58.3	2330	161.3														
Mycogen	2P768	13.5%	59.4	2298	156.0														
Mycogen	2H736	13.2%	57.8	2122	142.3														
Mycogen	2H759	14.0%	58.4	2178	143.0														
Mycogen	2A787	14.4%	57.2	2452	158.3														
Pioneer	P1018AM1	13.7%	57.7	2786	179.8														
Pioneer	P1184AM1	12.9%	59.9	2938	188.6														
Pioneer	P1395AM1	14.0%	61.4	3094	194.4														
Pioneer	P1567XR	14.7%	59.9	2828	174.2														
G2 Genetics	5H-513RRHX	14.8%	59.4	2932	177.9														
G2 Genetics	5H-515RRHX	12.9%	57.9	2614	159.0														
G2 Genetics	5X-716RRHX	15.3%	60.0	3154	182.1														
Croplan Gen	6125VT2P	14.1%	60.9	2866	166.0														
Croplan Gen	6631VT3	13.4%	58.9	2916	168.5														
Croplan Gen	6286VT3P	12.6%	58.0	2874	165.8														
Croplan Gen	7505VT3	14.3%	57.7	3038	168.0														
CHECK-Pioneer	P1395XR	13.7%	59.4	3414	187.7														
Agventure	7966HBW	13.3%	60.1	3164	173.5														
Agventure	RL8233HR	13.6%	61.4	3208	174.0														
Agventure	RL8428HB	13.8%	61.6	3478	187.7														
Agventure	RL8950AM1	14.6%	60.1	3340	178.2														
Golden Harvest	H-8672-3000	13.8%	59.6	3200	172.3														
Golden Harvest	H-8940-3000	13.2%	58.1	3228	174.1														
Golden Harvest	H-9173-3111	14.9%	55.8	3312	174.7														
Golden Harvest	H-9138-3000	14.5%	56.9	3146	166.4														
Lewis Hybrid	1009RR	13.2%	57.9	3342	179.0														
Lewis Hybrid	910VT3	12.9%	58.8	3412	183.4														
Lewis Hybrid	1211VT3P	12.9%	59.1	3620	195.0														
Lewis Hybrid	1215VT3P	14.0%	58.1	3934	208.7														
Dyna-Gro	D515S40	13.2%	58.4	3550	190.1														
Dyna-Gro	D52Q90	13.4%	57.9	3510	188.0														
Dyna-Gro	D512VP20	13.3%	58.1	3956	211.6														
Dyna-Gro	57V38	12.9%	57.0	3602	193.1														
CHECK-Pioneer	P1395XR	13.7%	57.0	3740	199.1														
Great Heart	HT120VT3P	14.0%	58.7	3778	200.5														
Great Heart	HT-171-3000	13.9%	56.0	3460	183.8														
Great Heart	HT-237VT3	14.3%	56.0	3770	199.8														
Great Heart	HT-212VT3	13.8%	58.3	3538	189.5														



Planting Date 5/2/11
 Plot was planted north to south
 Planting population 31,500/acre
 Planted on 36" rows
 Row length ranges from 879 to 1,239
 Harvest Date 10/11/11

Pittsfield Plot Chemical & Application Schedule:
 10/18/10
 • 170 #DAP, 100 # Potash
 11/3/10
 • Applied 185 Actual/225 # of NH3 with 1 quart N-Serve 5/3/11
 • Applied 5.6 oz. Corvus & 1 # Atrazine

WEATHER CONDITIONS

FSB FARMERS STATE BANK

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No field is completely uniform. Differences in soil type, soil texture, pH, slope and drainage can all affect yield outcome. Both the Jerseyville and Pittsfield plots had yields lower than the plot average on the northern most rows. This was particularly true in Pittsfield.

Most of the yield variation in Pittsfield can be attributed to weather and drainage. Excessive rainfall soon

after planting and severe drought conditions during the growing season coupled with extreme heat greatly affected yields.

The air temperature was 5 degrees hotter than average in July and 3 degrees higher in August. That's hot! September was 1 degree cooler than average while October was 12 degrees warmer than average up until harvest.

To normalize or account for field variations in the independent plots, check hybrids were used. Check hybrids are the same corn variety spread throughout the plot.

The checks provide a means to compare seed performance taking the field variability into consideration; i.e. adjusting for good or bad spots in the field.

AGRICULTURE TEAM



(L to R) Murray Martin, Joe Dierker, John Harris, Jeff Duncan, Nevin Grigsby, Harley Whitock & Adam Lawson



(L to R) Pat Goetten, Marci Mossman & Justin Goetten



(L to R) Willie Rees & Dan Henry

#1 in Agriculture

ranked the number one bank in our market areas based on the percentage of loan business from agriculture

What our customers are saying.

...*"Why do you do so much more than any other bank in the area?...independent plot, trip to the Farm Progress Show."*

...*"I use the results from their plot to help me select seeds which has increased my yield and profit!"*

...*"Before I switched to Farmers State Bank, I would wait a week for a loan decision. Now it only takes a day!"*

...*"I feel more comfortable because 75% of their lenders are actively involved in farm operations."*

...*"After attending one of their Winter Farm Meetings, I was able to earn more money by making better marketing decisions!"*



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