



33 PCR 540, Perryville, MO 63775

Phone: 573.547.4569 Toll Free: 800.622.7937 Fax: 573.547.9106

## 2013 Corn Population Study

### BUCHHEIT I-55 TECH PARK

City PERRYVILLE  
 State MISSOURI  
 County PERRY  
 Date Planted 5/26/13  
 Date Harvested 10/8/13  
 Prev. Crop BEANS  
 \*Rainfall: 12.5"  
 GGD's: 3508 (2013), 3541 (30 yr ave)

Herbicide VERDICT, STATUS, ROUNDUP  
 Fertilizer: 300 lbs. 9-23-30  
300 lbs. ESN  
250 lbs. Urea  
 #N 27 & 250  
 #P<sub>2</sub>O<sub>5</sub> 69  
 #K<sub>2</sub>O 90  
 Tillage System: NO TILL



103 Avenue D  
 West Point, IA 52656  
 319-837-6111  
 800-848-7333

\* taken from www.theweathercollector.com

Brand	Variety	Factor	Moisture %	Gross Weight (pounds)	Row Length (feet)	Row Width (in.)	# Rows	Acres	Yield per acre	Rank	Price per bushel	Estimated Gross Dollars per acre	POPULATION
MERSCHMAN	1111P-16	110.465	21.60	450	166	30	4	0.0095	195.64	14	\$ 4.00	\$ 782.57	28,000
MERSCHMAN	1215D-15	110.465	21.70	486	166	30	4	0.0095	211.02	11	\$ 4.00	\$ 844.10	28,000
MERSCHMAN	1215D-15	110.465	24.10	498	168	30	4	0.0096	207.11	13	\$ 4.00	\$ 828.45	30,000
MERSCHMAN	1111P-16	110.465	21.50	512	168	30	4	0.0096	220.23	8	\$ 4.00	\$ 880.91	30,000
MERSCHMAN	1111P-16	110.465	23.50	498	167	30	4	0.0096	210.00	12	\$ 4.00	\$ 840.00	32,000
MERSCHMAN	1215D-15	110.465	21.80	514	167	30	4	0.0096	221.56	7	\$ 4.00	\$ 886.25	32,000
MERSCHMAN	1215D-15	110.465	23.40	504	167	30	4	0.0096	212.81	10	\$ 4.00	\$ 851.23	34,000
MERSCHMAN	1111P-16	110.465	21.70	544	167	30	4	0.0096	234.79	4	\$ 4.00	\$ 939.18	34,000
MERSCHMAN	1111P-16	110.465	23.80	512	166	30	4	0.0095	216.35	9	\$ 4.00	\$ 865.41	36,000
MERSCHMAN	1215D-15	110.465	22.10	546	166	30	4	0.0095	235.87	3	\$ 4.00	\$ 943.46	36,000
MERSCHMAN	1215D-15	110.465	23.9	530	164	30	4	0.0094	226.39	5	\$ 4.00	\$ 905.57	38,000
MERSCHMAN	1111P-16	110.465	22.1	552	164	30	4	0.0094	241.37	2	\$ 4.00	\$ 965.46	38,000
MERSCHMAN	1111P-16	110.465	24.3	532	167	30	4	0.0096	221.99	6	\$ 4.00	\$ 887.96	40,000
MERSCHMAN	1215D-15	110.465	23.0	572	167	30	4	0.0096	242.78	1	\$ 4.00	\$ 971.12	40,000



33 PCR 540, Perryville, MO 63775

Phone: 573.547.4569 Toll Free: 800.622.7937 Fax: 573.547.9106

## 2013 Corn Depth Study

### BUCHHEIT I-55 TECH PARK

City PERRYVILLE  
 State MISSOURI  
 County PERRY  
 Date Planted 5/26/13  
 Date Harvested 10/8/13  
 Prev. Crop BEANS  
 \*Rainfall: 12.5"  
 GGD's: 3508 (2013), 3541 (30 yr ave)

Herbicide VERDICT, STATUS, ROUNDUP  
 Fertilizer: 300 lbs. 9-23-30  
300 lbs. ESN  
250 lbs. Urea  
 #N 27 & 250  
 #P<sub>2</sub>O<sub>5</sub> 69  
 #K<sub>2</sub>O 90  
 Tillage System: NO TILL



103 Avenue D  
 West Point, IA 52656  
 319-837-6111  
 800-848-7333

\* taken from www.theweathercollector.com

Brand	Variety	Factor	Moisture %	Gross Weight (pounds)	Row Length (feet)	Row Width (in.)	# Rows	Acres	Yield per acre	Rank	Price per bushel	Estimated Gross Dollars per acre	DEPTH PLANTED
MERSCHMAN	1213F-10	110.465	23.80	560	170	30	4	0.0098	231.07	5	\$ 4.00	\$ 924.27	3 inch
MERSCHMAN	1314D-16	110.465	21.90	592	170	30	4	0.0098	250.36	2	\$ 4.00	\$ 1,001.45	3 inch
MERSCHMAN	1314D-16	110.465	22.70	544	168	30	4	0.0096	230.42	6	\$ 4.00	\$ 921.66	2.5 inch
MERSCHMAN	1213F-10	110.465	21.40	602	168	30	4	0.0096	259.27	1	\$ 4.00	\$ 1,037.08	2.5 inch
MERSCHMAN	1213F-10	110.465	22.40	510	172	30	4	0.0099	211.81	9	\$ 4.00	\$ 847.24	2 inch
MERSCHMAN	1314D-16	110.465	22.30	574	172	30	4	0.0099	238.70	4	\$ 4.00	\$ 954.79	2 inch
MERSCHMAN	1314D-16	110.465	22.60	524	170	30	4	0.0098	219.62	8	\$ 4.00	\$ 878.47	1.5 inch
MERSCHMAN	1213F-10	110.465	22.90	576	170	30	4	0.0098	240.48	3	\$ 4.00	\$ 961.90	1.5 inch
MERSCHMAN	1213F-10	110.465	20.70	444	170	30	4	0.0098	190.66	10	\$ 4.00	\$ 762.62	1 inch
MERSCHMAN	1314D-16	110.465	22.40	528	170	30	4	0.0098	221.87	7	\$ 4.00	\$ 887.46	1 inch
MERSCHMAN	1314D-16	110.465	22.9	314	168	30	4	0.0096	132.65	12	\$ 4.00	\$ 530.61	.5 inch
MERSCHMAN	1213F-10	110.465	22.2	390	168	30	4	0.0096	166.26	11	\$ 4.00	\$ 665.03	.5 inch



33 PCR 540, Perryville, MO 63775  
 Phone: 573.547.4569 Toll Free: 800.622.7937 Fax: 573.547.9106

**2013 Corn Main Population**



103 Avenue D  
 West Point, IA 52656  
 319-837-6111  
 800-848-7333

**BUCHHEIT I-55 TECH PARK**

City PERRYVILLE  
 State MISSOURI  
 County PERRY  
 Date Planted 5/24/13  
 Date Harvested 10/8/13  
 Prev. Crop BEANS  
 \*Rainfall: 12.5"  
 GGD's: 3508 (2013), 3541 (30 yr ave)

Herbicide VERDICT, STATUS, ROUNDUP  
 Fertilizer: 300 lbs. 9-23-30  
300 lbs. ESN  
250 lbs. Urea  
 #N 27 & 250  
 #P<sub>2</sub>O<sub>5</sub> 69  
 #K<sub>2</sub>O 90  
 Tillage System: NO TILL

\* taken from www.theweathercollector.com

Brand	Variety	Factor	Moisture %	Gross Weight (pounds)	Row Length (feet)	Row Width (in.)	# Rows	Acres	Yield per acre	Rank	Price per bushel	Estimated Gross Dollars per acre	TEST WEIGHT
MERSCHMAN	1311N	110.465	19.30	900	162	30	8	0.0093	206.35	23	\$ 4.00	\$ 825.42	60.9
MERSCHMAN	1015A	110.465	21.60	968	164	30	8	0.0094	212.99	20	\$ 4.00	\$ 851.96	61.5
MERSCHMAN	1406G-14	110.465	21.00	972	167	30	8	0.0096	211.64	21	\$ 4.00	\$ 846.55	59.4
MERSCHMAN	1307B-14	110.465	20.50	1044	167	30	8	0.0096	228.75	8	\$ 4.00	\$ 915.01	59.6
MERSCHMAN	EXP-C-107-15	110.465	19.40	982	166	30	8	0.0095	219.46	16	\$ 4.00	\$ 877.83	60.8
MERSCHMAN	1407D-15	110.465	21.50	1034	169	30	8	0.0097	221.06	13	\$ 4.00	\$ 884.25	56.7
MERSCHMAN	708D-12	110.465	22.90	926	166	30	8	0.0095	197.96	26	\$ 4.00	\$ 791.83	56.3
MERSCHMAN	1408F-16	110.465	22.00	1052	171	30	8	0.0098	220.87	14	\$ 4.00	\$ 883.46	57.6
MERSCHMAN	909C-17	110.465	21.90	1012	167	30	8	0.0096	217.84	18	\$ 4.00	\$ 871.34	57.5
MERSCHMAN	1209-E-16	110.465	22.00	1078	172	30	8	0.0099	225.01	11	\$ 4.00	\$ 900.03	57.5
MERSCHMAN	1111P-16	110.465	20.6	1008	170	30	8	0.0098	216.69	19	\$ 4.00	\$ 866.77	57.2
MERSCHMAN	1211K-16	110.465	21.4	1068	172	30	8	0.0099	224.64	12	\$ 4.00	\$ 898.54	58.4
MERSCHMAN	1311R-16	110.465	22.3	1082	168	30	8	0.0096	230.33	6	\$ 4.00	\$ 921.32	57.2
MERSCHMAN	1212K-16	110.465	23.4	1104	169	30	8	0.0097	230.32	7	\$ 4.00	\$ 921.27	56.5
MERSCHMAN	1412M-16	110.465	21.3	1032	164	30	8	0.0094	227.94	9	\$ 4.00	\$ 911.77	57.2
MERSCHMAN	1213F-10	110.465	22.2	1042	170	30	8	0.0098	219.49	15	\$ 4.00	\$ 877.95	57.4
MERSCHMAN	1216C-18	110.465	22.8	1092	168	30	8	0.0096	230.96	5	\$ 4.00	\$ 923.86	57.1
MERSCHMAN	1413M-16	110.465	24.9	1112	170	30	8	0.0098	226.10	10	\$ 4.00	\$ 904.42	55.3
MERSCHMAN	1314D-16	110.465	23.6	1112	167	30	8	0.0096	234.15	1	\$ 4.00	\$ 936.60	57.3
MERSCHMAN	814B-10	110.465	22.2	1050	172	30	8	0.0099	218.60	17	\$ 4.00	\$ 874.41	56.2
MERSCHMAN	1215C-15	110.465	22.3	1116	172	30	8	0.0099	232.04	4	\$ 4.00	\$ 928.18	57.3
MERSCHMAN	1215D-15	110.465	23.7	1010	170	30	8	0.0098	208.65	22	\$ 4.00	\$ 834.58	55.9
MERSCHMAN	1015A-4	110.465	24.1	1116	168	30	8	0.0096	232.07	3	\$ 4.00	\$ 928.26	54.9
MERSCHMAN	816A-10	110.465	23.3	982	168	30	8	0.0096	206.35	24	\$ 4.00	\$ 825.41	58.7
MERSCHMAN	EXP-109-13	110.465	24.3	978	170	30	8	0.0098	200.45	25	\$ 4.00	\$ 801.79	56.4
MERSCHMAN	EXT-113-15	110.465	21.7	1102	170	30	8	0.0098	233.62	2	\$ 4.00	\$ 934.48	56.6



33 PCR 540, Perryville, MO 63775  
 Phone: 573.547.4569 Toll Free: 800.622.7937 Fax: 573.547.9106

**2013 Corn - South End / Filler**

**BUCHHEIT I-55 TECH PARK**

City PERRYVILLE  
 State MISSOURI  
 County PERRY  
 Date Planted 5/24/13  
 Date Harvested 10/8/13  
 Prev. Crop BEANS  
 \*Rainfall: 12.5"  
 GGD's: 3508 (2013), 3541 (30 yr ave)

Herbicide VERDICT, STATUS, ROUNDUP  
 Fertilizer: 300 lbs. 9-23-30  
300 lbs. ESN  
250 lbs. Urea  
 #N 27 & 250  
 #P<sub>2</sub>O<sub>5</sub> 69  
 #K<sub>2</sub>O 90  
 Tillage System: NO TILL



**103 Avenue D  
 West Point, IA 52656  
 319-837-6111  
 800-848-7333**

\* taken from www.theweathercollector.com

Brand	Variety	Factor	Moisture %	Gross Weight (pounds)	Row Length (feet)	Row Width (in.)	# Rows	Acres	Yield per acre	Rank	Price per bushel	Estimated Gross Dollars per acre	Comments
MERSCHMAN	1311R-16	110.465	22.20	510	152	30	4	0.0087	240.30	2	\$ 4.00	\$ 961.19	
MERSCHMAN	1311R-16	110.465	21.00	542	114	30	6	0.0065	230.50	3	\$ 4.00	\$ 922.01	
MERSCHMAN	1311R-16	110.465	21.60	600	114	30	6	0.0065	253.23	1	\$ 4.00	\$ 1,012.92	



33 PCR 540, Perryville, MO 63775

Phone: 573.547.4569 Toll Free: 800.622.7937 Fax: 573.547.9106

## 2013 Bean Population Study

### BUCHHEIT I-55 TECH PARK

City PERRYVILLE  
 State MISSOURI  
 County PERRY  
 Date Planted 5/24/13  
 Date Harvested 10/11/13  
 Prev. Crop BEANS  
 \*Rainfall: 12.5"  
 GGD's: 3508 (2013), 3541 (30 yr ave)

Herbicide \_\_\_\_\_  
 Fertilizer: 300 lbs. 9-23-30  
 \_\_\_\_\_  
 #N 27  
 #P<sub>2</sub>O<sub>5</sub> 69  
 #K<sub>2</sub>O 90  
 Tillage System: NO TILL



103 Avenue D  
 West Point, IA 52656  
 319-837-6111  
 800-848-7333

\* taken from www.theweathercollector.com

Brand	Variety	Factor	Moisture %	Gross Weight (pounds)	Row Length (feet)	Row Width (in.)	# Rows	Acres	Yield per acre	Rank	Price per bushel	Estimated Gross Dollars per acre	Population
MERSCHMAN	TUCSON 1249LL	100.138	13.1	184	120	30	8	0.0551	51.97	6	\$ 12.00	\$ 623.64	160,000
MERSCHMAN	TUCSON 1249LL	100.138	13.1	202	120	30	8	0.0551	56.20	4	\$ 12.00	\$ 674.40	140,000
MERSCHMAN	TUCSON 1249LL	100.138	13.1	210	120	30	8	0.0551	63.45	1	\$ 12.00	\$ 761.40	120,000
MERSCHMAN	TUCSON 1249LL	100.138	13.1	210	120	30	8	0.0551	63.45	1	\$ 12.00	\$ 761.40	100,000
MERSCHMAN	TUCSON 1249LL	100.138	13.1	186	120	30	8	0.0551	61.03	3	\$ 12.00	\$ 732.36	80,000
MERSCHMAN	TUCSON 1249LL	100.138	13.1	172	120	30	8	0.0551	55.60	5	\$ 12.00	\$ 667.20	40,000



33 PCR 540, Perryville, MO 63775  
 Phone: 573.547.4569 Toll Free: 800.622.7937 Fax: 573.547.9106

**2013 Bean Main Population**

**BUCHHEIT I-55 TECH PARK**

City PERRYVILLE  
 State MISSOURI  
 County PERRY  
 Date Planted 5/24/13  
 Date Harvested 10/11/13  
 Prev. Crop BEANS  
 \*Rainfall: 12.5"  
 GGD's: 3508 (2013), 3541 (30 yr ave)

Herbicide \_\_\_\_\_  
 Fertilizer: 300 lbs. 9-23-30  
 \_\_\_\_\_  
 #N 27  
 #P<sub>2</sub>O<sub>5</sub> 69  
 #K<sub>2</sub>O 90  
 Tillage System: NO TILL



103 Avenue D  
 West Point, IA 52656  
 319-837-6111  
 800-848-7333

\* taken from www.theweathercollector.com

Brand	Variety	Factor	Moisture %	Gross Weight (pounds)	Row Length (feet)	Row Width (in.)	# Rows	Acres	Yield per acre	Rank	Price per bushel	Estimated Gross Dollars per acre	Comments
MERSCHMAN	TUCSON 1249LL	100.138	13.1	254	120	30	8	0.0551	74.98	1	\$ 12.00	\$ 899.76	Clariva/Crusier
MERSCHMAN	HOUSTON 1344RR2Y	100.138	13.1	220	120	30	8	0.0551	66.47	2	\$ 12.00	\$ 797.64	Treated
MERSCHMAN	TUCSON 1249LL	100.138	13.1	206	120	30	8	0.0551	62.24	3	\$ 12.00	\$ 746.88	Crusier Max
MERSCHMAN	HOUSTON 1344RR2Y	100.138	13.1	202	120	30	8	0.0551	61.03	4	\$ 12.00	\$ 732.36	UnTreated