

Buchheit I-55 Tech Plot Corn Data 2014
Merschman Variety Study

Variety	Moisture (%)	Test wt. (lbs/bu)	Yield (bu/acre)	Ratio	Value/acre (\$)	Rank
EXP G - 114 A-4 - ARTESIAN	24.4	54.2	170.09	112.42	680.35	1
M-1412 M-16	23.4	54.1	166.92	110.33	667.7	2
M-1213 F-16	21.8	55.1	160.82	106.29	643.29	3
M-1402 B-14	16.1	57.7	159.94	120.25	639.75	4
M-1302 A-14	15.5	55.9	157.43	118.37	629.71	5
M-1508 P-12	21.3	55.6	157.27	103.95	629.09	6
M-1413 M-16	23.5	53.3	157.09	103.83	628.35	7
EXP S - 102	15.8	57.4	156.83	117.92	627.33	8
M-1211 K-16	23.7	53.6	153.91	101.72	615.62	9
M-1015 A-4	24.7	52.3	151.61	100.2	606.43	10
M-1314 D-16	24.1	53.5	145.76	96.34	583.02	11
M-1504 D-16	16.5	56.9	144.41	108.58	577.64	12
M-1216 C-18	23.4	54.5	142.06	93.9	568.25	13
M-1212 K-16	22.5	53.7	141.69	93.65	566.77	14
M-1311 R-16	24.8	52.9	140.51	92.87	562.04	15
M-1299 A-14	15.2	56.4	137.45	103.35	549.8	16
M-1311 N	21.4	55.2	137.12	103.1	548.48	17
M-1508 P-12 - SUPER SLURPER	19.2	55.5	132.34	99.5	529.35	18
M-1314 D-16 - SUPER SLURPER	24.7	52.6	127.39	84.19	509.54	19
M-1508 P-12 - BORDER	20.4	54.3	117.13	88.07	468.52	20
M-1015 A	21.1	56.1	112.57	84.64	450.27	21
EXP - T- 113	21.4	55.5	112.11	84.29	448.44	22
M-1306 E	19.5	57.7	95.54	71.84	382.17	23

Location: I-55 Tech Park

Planting: 5/22/2014

Population 34,000

Depth: 2"

Harvest: 9/25/2014

Notes: No-till seedbed, burned down wheat, used verdict, sharpen, and roundup-Preemerge-plus Liberty

Population Study

Variety	Seeds/acre	Moisture (%)	Test Wt. (lbs/bu)	Yield (bu/acre)	Ratio	Value/acre (\$)
M-1508- 9-12 - PONCHO-500 - VOTIVO		16.7	57.8	134.04	93.27	536.14
M-1311- R-16 - PONCHO-500 - VOTIVO	40,000	17.3	57.1	154.8	107.73	619.21
M-1412- R-12 - PONCHO-500 - VOTIVO	40,000	18.4	57.1	148.84	103.58	595.38
M-1412- R-12 - PONCHO-500 - VOTIVO	32,000	18.4	57.1	144.13	100.3	576.53
M-1311- R-16 - PONCHO-500 - VOTIVO	32,000	17.3	57	145.25	101.08	580.99
M-1311- R-16 - PONCHO-500 - VOTIVO	35,000	17.3	57	153.85	107.06	615.39
M-1412- R-12 - PONCHO-500 - VOTIVO	35,000	18.4	57.1	149.79	104.24	599.14
M-1412- R-12 - PONCHO-500 - VOTIVO	32,000	18.4	57.1	143.19	99.65	572.77
M-1311- R-16 - PONCHO-500 - VOTIVO	32,000	17.3	57	150.03	104.4	600.1
M-1311- R-16 - PONCHO-500 - VOTIVO	30,000	17.3	57	147.16	102.41	588.64
M-1412- R-12 - PONCHO-500 - VOTIVO	30,000	18.4	57.1	128.12	89.16	512.48
M-1412- R-12 - PONCHO-500 - VOTIVO	28,000	18.4	57.1	131.89	91.78	527.55
M-1311- R-16 - PONCHO-500 - VOTIVO	28,000	18.4	57.1	137.54	95.71	550.16
Average		17.85	57.12	143.74		574.96

Planting Depth Study

Variety	Planting Depth (in)	Moisture (%)	Test wt. (lbs/bu)	Yield (bu/acre)	Value/acre (\$)
M-1213- F-16 - PONCHO-500 - VOTIVO	1	20.1	56.2	124.04	496.17
M-1213- F-16 - PONCHO-500 - VOTIVO	1.5	20.1	56.2	136.63	546.51
M-1213- F-16 - PONCHO-500 - VOTIVO	2	20.1	56.2	137.53	550.1
M-1213- F-16 - PONCHO-500 - VOTIVO	2.5	20.1	56.2	131.23	524.93
M-1213- F-16 - PONCHO-500 - VOTIVO	3	20.1	56.2	133.93	535.72
M-1314- R-16 - PONCHO-500 - VOTIVO	1	20.7	55.2	104.32	417.3
M-1314- R-16 - PONCHO-500 - VOTIVO	1.5	20.7	55.2	101.65	406.6
M-1314- R-16 - PONCHO-500 - VOTIVO	2	20.7	55.2	107.89	431.56
M-1314- R-16 - PONCHO-500 - VOTIVO	2.5	20.7	55.2	107.89	431.56
M-1314- R-16 - PONCHO-500 - VOTIVO	3	20.7	55.2	123.05	492.19
Average		20.4	55.7	120.82	483.26

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