SM 110 TEST

(108-113 DAY RELATIVE MATURITY HYBRID TEST)

BRAND	RELATIVE MATURITY	# OF PLOT REPLICATIONS	YIELD	YIELD FROM PLOTS WITH <16 CV	GREENSBURG, IN PLOT	LAGRANGE, IN PLOT	SCOTTSBURG, IN PLOT	TIPTON, IN PLOT	WILLIAMSBURG, IN PLOT	WINAMAC, IN PLOT
X57-110	113	41	188.38	213.70	232.27	201.64	94.69	172.90	75.85	233.38
Beck's XL 6082AM	110	41	190.68	211.33	256.61	171.19	131.45	202.19	144.27	228.99
SCS1087YHR	108	41	191.57	209.93	234.93	160.95	130.89	173.84	168.25	224.75
X59-110	111	41	175.63	205.41	241.58	127.02	89.83	168.54	135.42	208.75
SCS1098YHR	109	41	183.91	204.35	240.71	109.23	112.26	204.61	195.58	218.84
X28-110	110	41	185.92	204.04	215.20	130.58	92.83	221.21	139.39	207.71
DIRECT 9110-3220	**109**	**41**	**178.65**	**203.63**	**228.26**	**141.10**	**128.64**	**174.45**	**87.75**	**230.43**
X52-110	112	41	182.42	201.75	214.96	117.14	146.56	175.08	131.22	196.72
X35-110	111	41	185.94	199.16	187.88	178.63	118.54	178.89	117.75	248.59
DeKalb DKC62-52RIB	112	41	181.23	198.49	214.87	161.67	140.45	173.76	127.80	252.57
Beck's 6127 A3	111	41	181.98	198.36	208.92	169.86	104.45	182.47	130.91	222.99
DIRECT 8109-3330	**109**	**41**	**178.08**	**197.84**	**224.58**	**136.76**	**95.27**	**190.21**	**159.67**	**216.86**
X36-110	111	41	183.43	197.74	215.14	125.89	126.14	203.45	163.39	198.67
X7-110	108	41	179.66	197.67	239.90	135.01	115.59	184.13	135.31	216.08
X23-110	110	41	179.49	197.55	192.62	139.07	129.67	187.73	150.67	211.02
DIRECT 9107	**108**	**41**	**176.95**	**197.36**	**221.71**	**131.97**	**102.47**	**172.23**	**138.33**	**237.78**
X40-110	111	41	184.97	197.15	200.32	130.38	116.37	197.73	131.50	218.40
X55-110	113	41	183.26	196.70	211.92	130.65	103.00	189.69	155.14	227.67
X34-110	111	41	183.99	194.85	216.44	131.62	142.31	175.45	144.76	188.40
X8-110	109	41	167.55	194.25	225.65	58.98	102.26	184.56	100.96	216.56
AgriGold A6488 VT2RIB	111	41	175.41	193.98	212.03	135.33	127.87	167.53	113.54	205.55
DIRECT 0110-3330	**110**	**41**	**175.28**	**193.43**	**212.58**	**103.73**	**123.40**	**190.23**	**114.85**	**233.08**
X33-110	111	41	174.35	193.37	187.31	84.08	84.36	183.34	119.90	188.37
X53-110	112	41	174.36	192.36	221.68	171.11	109.52	160.21	123.38	220.35
DIRECT 8108GT	**109**	**41**	**169.79**	**192.32**	**210.85**	**137.49**	**94.67**	**156.24**	**162.08**	**185.40**
X22-110	110	41	179.62	191.91	185.83	158.67	134.98	185.30	119.58	214.87

Use data with care. Considering data from multiple locations and years provides a better perspective on seed performance due to uncontrollable elements (ie: weather). Gray columns = plots greater than 20 CV

WOLCOTT, IN PLOT	WORTHINGTON, IN PLOT	ADA, OH PLOT	ASHVILLE, OH PLOT	CAMDEN, OH PLOT	CHILLICOTHE, OH PLOT	TIFFIN, OH PLOT	WASHINGTON CH, OH PLOT	MOISTURE	TEST WEIGHT	ROOT LODGE RATING	STALK LODGE RATING	GENERAL APPEARANCE RATING
154.81	227.83	178.19	182.69	247.42	181.12	229.49	225.00	21.7	55.59	1.1	1.3	1.4
131.84	197.90	180.58	169.68	230.57	181.43	235.57	207.20	21.1	56.37	1.1	1.3	1.5
153.21	215.37	181.22	182.90	199.74	187.99	233.45	234.46	20.8	56.68	1.1	1.2	1.5
134.71	160.02	205.11	167.46	189.98	177.17	213.85	239.36	21.4	55.14	1.0	1.2	1.5
135.12	183.09	202.62	143.92	222.97	175.50	216.64	213.61	21.2	56.37	1.1	1.2	1.4
168.83	217.68	201.13	165.81	219.63	170.51	241.77	210.59	20.8	56.37	1.1	1.2	1.5
113.52	**226.64**	**201.56**	**180.72**	**200.20**	**180.06**	**204.70**	**203.09**	**20.9**	**55.25**	**1.1**	**1.4**	**1.7**
149.31	220.56	206.92	172.85	226.47	159.58	203.93	232.53	21.5	55.54	1.1	1.3	1.5
181.94	234.16	178.42	159.55	219.93	166.51	207.80	224.60	21.1	55.64	1.0	1.2	1.5
151.55	194.05	201.16	175.17	182.58	143.25	211.58	206.76	21.4	56.42	1.0	1.3	1.5
169.90	203.34	180.47	169.22	219.22	148.94	210.28	226.80	21.3	57.30	1.0	1.2	1.3
137.32	**191.16**	**151.38**	**160.42**	**214.56**	**171.19**	**233.52**	**210.23**	**21.1**	**54.80**	**1.1**	**1.3**	**1.5**
126.98	240.18	183.21	163.55	227.68	169.11	220.25	204.33	22.0	56.28	1.2	1.4	1.5
185.73	178.15	237.35	167.64	181.38	127.80	211.05	200.12	21.2	56.60	1.1	1.2	1.4
115.49	209.82	201.20	163.82	212.10	156.31	233.29	210.02	21.8	57.19	1.1	1.3	1.5
147.22	**206.22**	**167.20**	**156.23**	**173.60**	**169.05**	**219.42**	**233.90**	**20.8**	**56.47**	**1.2**	**1.4**	**1.5**
200.86	235.52	179.35	157.38	236.20	170.04	228.47	187.05	21.5	55.70	1.1	1.2	1.4
152.45	261.08	205.21	160.65	208.67	142.17	214.18	203.13	20.9	56.32	1.0	1.2	1.4
195.35	227.59	216.63	137.44	206.54	154.17	224.43	214.72	21.5	55.56	1.1	1.3	1.6
148.34	196.61	192.69	153.61	190.83	152.82	226.86	195.00	20.9	56.27	1.3	1.5	1.7
141.81	217.83	179.67	143.26	224.34	162.67	224.78	199.55	21.8	56.36	1.0	1.3	1.6
166.53	**207.77**	**134.40**	**152.86**	**221.75**	**176.57**	**217.04**	**199.15**	**21.0**	**55.13**	**1.2**	**1.3**	**1.5**
175.72	246.54	196.40	157.33	217.64	183.81	212.86	203.24	21.8	55.90	1.2	1.3	1.5
117.56	220.33	153.08	167.04	199.69	168.03	214.86	194.16	21.1	54.28	1.1	1.2	1.5
135.48	**152.52**	**169.88**	**169.98**	**217.73**	**162.03**	**223.57**	**199.12**	**20.3**	**55.69**	**1.1**	**1.2**	**1.5**
171.17	209.72	206.63	160.62	191.97	149.86	223.44	202.07	21.1	56.78	1.1	1.2	1.5

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SM 110 TEST

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BRAND	RELATIVE MATURITY	# OF PLOT REPLICATIONS	YIELD	YIELD FROM PLOTS WITH <16 CV	GREENSBURG, IN PLOT	LAGRANGE, IN PLOT	SCOTTSBURG, IN PLOT	TIPTON, IN PLOT	WILLIAMSBURG, IN PLOT	WINAMAC, IN PLOT
X58-110	113	41	173.59	191.76	213.88	108.39	136.80	166.52	122.84	197.09
X54-110	112	41	169.48	190.98	211.02	102.87	93.59	166.92	131.49	204.71
X56-110	113	41	173.34	190.88	189.73	147.65	99.55	159.68	129.86	224.06
X47-110	112	41	167.75	190.57	190.64	112.78	101.13	172.32	143.55	182.96
DeKalb DKC60-87RIB	110	41	177.82	190.24	177.13	163.39	135.03	178.54	120.41	195.31
X30-110	111	41	167.97	189.92	195.50	148.79	96.82	154.79	148.74	228.78
X39-110	111	41	166.44	189.24	187.93	65.61	119.12	167.11	129.36	173.47
DIRECT 7112	**112**	**41**	**166.54**	**188.94**	**244.66**	**104.07**	**106.51**	**168.68**	**170.17**	**187.56**
DIRECT 8111	**112**	**41**	**171.23**	**188.59**	**194.55**	**160.76**	**104.42**	**160.96**	**93.23**	**200.56**
DIRECT 8111-3010	**112**	**41**	**169.61**	**188.45**	**191.51**	**186.17**	**109.99**	**136.63**	**157.09**	**196.46**
X27-110	110	41	173.91	187.55	205.74	123.71	109.26	198.96	128.41	173.22
AgriGold A6499	112	41	169.35	186.81	201.14	97.13	95.34	175.23	206.70	232.40
X48-110	112	41	164.94	186.79	209.35	116.63	91.33	137.06	120.68	194.18
Pioneer P1197AM	111	41	165.74	185.40	208.56	88.25	114.10	216.10	130.38	183.02
X14-110	110	41	169.99	184.50	195.18	190.95	88.94	168.25	87.42	205.03
DIRECT 9107-3220	**108**	**41**	**181.00**	**182.89**	**225.92**	**203.99**	**105.66**	**202.38**	**209.55**	**215.60**
X38-110	110	41	171.70	182.67	225.00	155.62	118.39	137.23	166.90	194.37
DeKalb DKC62-06	112	41	164.01	182.63	210.83	76.36	137.76	208.59	127.19	172.98
X8-110	108	41	175.82	181.57	199.14	198.68	112.47	207.55	156.45	212.35
DeKalb DKC62-08RIB	112	41	163.15	181.50	229.81	107.48	106.20	156.69	99.78	181.37
X17-110	109	41	162.17	181.47	200.85	84.35	114.37	189.92	158.66	166.01
X3-110	108	41	167.08	180.74	197.46	117.86	104.09	187.89	146.72	192.39
Pioneer P0928	109	41	170.46	180.28	237.96	132.00	76.26	157.96	270.64	190.06
X20-110	110	41	163.38	179.66	204.52	123.88	117.38	142.85	106.14	197.33
X9-110	108	41	163.76	175.76	151.63	126.41	111.88	145.90	184.61	202.09
Pioneer P0825AM	108	41	158.88	175.06	215.17	117.21	110.59	169.88	95.74	166.06
EXP19112A	112	41	164.75	174.84	201.42	96.47	127.25	149.17	179.60	212.36
DIRECT 8112	**112**	**41**	**158.40**	**174.32**	**226.35**	**90.79**	**113.58**	**187.31**	**119.68**	**151.49**
DIRECT 7107	**108**	**41**	**157.37**	**172.92**	**194.55**	**168.97**	**98.80**	**184.82**	**133.91**	**197.54**
EXP19112BE	112	41	156.42	170.67	155.35	111.73	80.45	154.25	153.67	161.52
DIRECT 6108	**110**	**41**	**149.28**	**168.13**	**187.03**	**87.03**	**113.61**	**131.82**	**103.47**	**154.67**
Beck's XL 5828	110	41	159.15	167.08	184.87	93.92	135.37	169.19	145.11	177.41
X25-110	110	41	154.26	165.41	173.97	103.09	125.68	161.70	142.67	182.45
Pioneer P1197	111	41	149.64	164.49	189.62	76.47	97.39	136.26	137.15	186.41
STATS										
MEAN			172.04	172.04	208.05	129.49	111.79	174.42	139.09	202.43
CVErr			10.881	10.881	11.353	34.370	23.835	21.620	40.058	13.207
LSD (.05)			9.39	9.39	38.19	71.95	43.08	60.96	90.08	43.22
CVExL			12.588	12.588						
PLANTING DATE					June 2	May 16	Sept 4	June 3	June 5	May 22
HARVEST DATE					Nov 4	Oct 9	Nov 4	Oct 25	Oct 23	Oct 28

Use data with care. Considering data from multiple locations and years provides a better perspective on seed performance due to uncontrollable elements (ie: weather). Gray columns = plots greater than 20 CV

WOLCOTT, IN PLOT	WORTHINGTON, IN PLOT	ADA, OH PLOT	ASHVILLE, OH PLOT	CAMDEN, OH PLOT	CHILLICOTHE, OH PLOT	TIFFIN, OH PLOT	WASHINGTON CH, OH PLOT	MOISTURE	TEST WEIGHT	ROOT LODGE RATING	STALK LODGE RATING	GENERAL APPEARANCE RATING
155.50	206.14	145.18	172.14	223.05	167.31	214.49	200.90	21.8	56.00	1.2	1.3	1.6
152.09	197.90	176.43	155.51	195.61	186.48	217.16	180.94	21.9	55.32	1.2	1.3	1.5
163.09	199.85	174.20	174.31	177.29	155.60	229.19	202.66	22.3	55.94	1.1	1.1	1.3
125.27	168.91	172.12	171.31	207.75	179.32	196.31	224.15	22.3	55.33	1.1	1.3	1.5
148.96	221.28	198.63	145.86	205.55	163.50	220.55	215.37	22.0	57.19	1.1	1.3	1.5
127.90	155.12	164.60	160.35	219.40	168.64	206.61	175.51	21.6	55.80	1.2	1.3	1.5
120.20	214.77	189.78	152.81	197.23	190.47	226.96	195.26	21.7	55.99	1.2	1.4	1.6
99.64	**171.01**	**188.15**	**139.18**	**223.95**	**160.72**	**190.36**	**176.92**	**21.3**	**55.38**	**1.2**	**1.3**	**1.5**
144.01	**225.14**	**166.64**	**170.26**	**191.64**	**188.29**	**196.64**	**200.15**	**21.1**	**55.78**	**1.2**	**1.2**	**1.5**
121.82	**155.24**	**175.52**	**144.69**	**223.37**	**172.22**	**179.94**	**223.88**	**21.1**	**56.12**	**1.0**	**1.2**	**1.3**
156.52	217.53	179.00	163.59	225.70	174.47	202.54	176.15	20.7	56.02	1.1	1.3	1.5
113.45	188.54	174.34	149.82	182.77	140.07	202.15	211.77	22.1	57.12	1.2	1.4	1.6
152.53	196.65	158.46	151.10	202.26	144.71	224.21	210.07	22.7	55.10	1.1	1.3	1.6
111.68	176.70	156.59	168.37	200.37	154.05	219.35	192.86	21.5	56.44	1.2	1.4	1.5
153.34	215.04	163.92	142.13	183.81	133.75	222.67	229.48	20.1	56.69	1.0	1.2	1.3
165.15	**184.13**	**181.76**	**141.71**	**149.67**	**156.59**	**160.67**	**231.17**	**20.4**	**57.43**	**1.1**	**1.3**	**1.6**
172.53	191.85	203.35	136.01	193.95	107.22	226.47	174.95	20.8	56.78	1.0	1.2	1.4
121.08	164.07	167.67	139.50	207.35	158.32	198.89	205.51	21.4	56.20	1.1	1.4	1.5
179.43	154.37	157.27	160.30	184.00	111.71	231.56	196.24	19.5	56.44	1.1	1.3	1.4
146.05	215.84	202.98	134.47	196.20	150.08	183.56	173.55	21.8	55.22	1.1	1.4	1.6
115.29	156.07	160.93	164.48	199.77	156.95	218.96	183.80	20.2	56.11	1.2	1.2	1.4
149.30	187.40	180.73	173.20	188.28	135.07	193.28	185.48	19.9	55.76	1.1	1.3	1.6
116.20	191.13	151.13	137.67	189.11	155.96	178.77	201.54	21.3	57.80	1.1	1.2	1.5
155.96	203.79	171.74	147.94	174.38	141.36	224.25	175.77	21.2	56.72	1.1	1.2	1.4
151.69	166.14	166.50	150.47	186.09	167.83	200.47	181.00	19.8	56.23	1.2	1.4	1.6
145.07	185.38	178.41	147.80	189.52	108.75	215.43	179.34	20.7	56.17	1.2	1.2	1.4
137.05	218.23	104.60	132.47	212.22	158.63	207.46	169.59	21.4	56.69	1.2	1.4	1.6
124.34	**187.36**	**156.93**	**162.13**	**185.50**	**130.63**	**218.03**	**163.47**	**22.5**	**57.47**	**1.1**	**1.3**	**1.4**
109.94	**123.44**	**181.39**	**112.70**	**196.65**	**130.90**	**193.52**	**176.11**	**20.0**	**56.04**	**1.0**	**1.2**	**1.5**
120.87	203.56	189.19	165.63	153.69	161.31	190.70	187.97	21.9	56.72	1.2	1.2	1.4
111.27	**197.64**	**167.41**	**161.47**	**172.77**	**141.69**	**170.70**	**189.30**	**20.3**	**56.96**	**1.1**	**1.3**	**1.5**
142.56	205.36	183.81	121.83	219.33	99.54	174.43	175.44	20.4	56.38	1.3	1.4	1.8
130.83	172.39	159.11	153.52	172.42	149.08	163.74	168.97	20.4	55.55	1.2	1.5	1.7
126.15	205.56	137.07	147.38	191.86	115.69	191.85	156.05	21.2	55.73	1.1	1.3	1.5
143.83	198.42	177.95	156.57	201.76	156.74	210.48	199.52	21.2	56.14	1.1	1.3	1.5
24.563	20.242	10.047	11.705	14.692	15.114	10.765	12.267	3.092	1.006	17.330	19.758	20.829
57.11	64.93	35.76	29.63	47.92	38.30	36.63	39.57	0.4	0.61	0.1	0.1	0.1
								3.850	1.163	21.331	22.029	21.883
June 8	May 30	June 8	May 15	May 16	May 9	May 24	May 16					
Nov 4	Oct 29	Oct 24	Oct 10	Sept 30	Oct 15	Oct 29	Sept 27					