

SM 105 TEST

(103-108 DAY RELATIVE MATURITY HYBRID TEST)

BRAND	RELATIVE MATURITY	# OF PLOT REPLICATIONS	YIELD	YIELD FROM PLOTS WITH <20 CV (5 LOCATIONS)	TIPTON, IN PLOT	WILLIAMSBURG, IN PLOT	WOLCOTT, IN PLOT
X33105	108	22	208.28	257.20	195.23	204.08	159.38
X27105	106	22	200.38	245.35	207.79	184.92	175.19
X42105	108	21	197.48	243.61	197.38	156.03	194.39
X21105	106	22	190.17	237.11	221.98	141.01	164.97
X38105	107	22	182.72	234.65	179.80	182.52	204.40
DIRECT 9107	108	22	183.62	231.92	202.79	144.32	139.93
X19105	105	22	184.14	231.59	235.36	167.43	169.93
Pioneer P0825AM	108	22	182.11	230.35	169.26	162.87	164.20
X30105	107	22	186.28	227.64	191.75	128.86	166.82
X37105	108	22	186.90	225.24	165.53	141.34	181.00
X31105	107	21	179.41	224.46	189.87	141.37	164.15
X11105	104	22	179.09	223.06	219.80	170.79	138.06
X8105	104	21	176.02	221.10	171.84	128.22	190.07
X14105	104	22	183.40	220.31	190.67	174.69	128.03
X28105	106	22	185.97	219.52	193.37	105.45	175.95
DIRECT 9103-3010	104	22	169.08	218.37	167.33	181.92	150.81
X25105	106	22	181.61	218.22	199.84	141.58	151.47
X43105	108	22	173.18	218.21	164.33	157.63	150.10
Beck's XL 5513PQ	105	21	167.76	216.59	194.48	142.98	169.39
X35105	108	22	175.16	216.30	130.71	145.15	191.70
Pioneer P0589	105	22	170.92	215.70	188.74	97.43	142.31
DIRECT 0101-3110	102	22	176.19	215.34	183.23	162.68	187.19
DIRECT 9107-3220	108	22	182.67	215.08	163.68	157.56	154.17
X15105	104	22	182.40	214.77	175.66	124.35	181.34
DeKalb DKC58-06RIB	108	21	170.20	212.37	183.76	132.59	146.45
DIRECT 8108GT	109	22	173.39	211.32	163.88	154.07	171.51
X5105	103	22	174.81	211.20	168.95	142.79	152.14
X22105	106	22	167.67	210.98	183.00	147.94	124.53
X18105	105	21	180.90	210.71	175.12	178.95	159.70
X39105	108	22	179.05	210.67	147.20	122.96	144.22
AgriGold A6416	107	22	168.48	207.80	216.00	158.96	108.54
X6105	104	22	161.25	206.06	163.65	140.46	190.98
X12105	104	22	165.84	205.91	203.15	143.41	106.32
X24105	106	22	160.48	204.34	195.00	130.65	141.55
X23105	106	22	163.65	203.88	174.93	150.72	111.03
X48105		22	162.58	203.70	145.29	128.07	166.82
DIRECT 7107	108	21	167.08	203.13	156.07	160.29	97.90
X4105	103	22	166.19	202.94	172.80	132.47	148.16
X29105	106	22	168.07	202.94	144.84	137.09	137.97
DeKalb DKC55-20RIB	105	22	168.76	201.66	181.72	131.09	103.75
X47105		22	165.26	199.76	128.54	142.79	154.63
X46105	108	22	161.89	197.97	171.14	107.16	150.77
X16105	105	22	154.69	197.79	181.03	129.66	138.54
DIRECT 0106-3220	105	21	160.03	197.21	174.14	121.31	131.24
X3105	102	22	167.54	194.38	130.29	137.56	151.32
AgriGold A6267	102	22	150.23	192.64	154.93	149.65	126.43
X10105	104	22	155.20	192.47	172.27	108.42	117.28
X45105	107	22	150.06	184.82	157.40	117.69	116.04

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

ADA, OH PLOT	TIFFIN, OH PLOT	WASHINGTON CH, OH PLOT	LAGRANGE, IN PLOT	WINAMAC, IN PLOT	MOISTURE	TEST WEIGHT	ROOT LODGE RATING	STALK LODGE RATING	GENERAL APPEARANCE RATING
206.84	248.67	244.89	173.39	233.77	21.0	56.48	1.1	1.3	1.6
184.50	204.71	223.11	191.81	231.03	20.6	56.48	1.2	1.2	1.6
	207.03	226.68	164.32	236.53	21.5	53.57	1.0	1.2	1.7
169.88	196.10	237.26	165.91	224.22	20.0	57.03	1.1	1.3	1.7
161.27	184.06	200.31	127.20	222.16	20.3	56.78	1.1	1.3	1.8
152.14	237.72	216.88	157.19	217.97	21.4	55.95	1.1	1.5	1.8
166.41	195.59	185.46	148.72	204.19	20.5	57.25	1.1	1.3	1.6
148.57	223.43	228.47	156.57	203.54	21.2	54.47	1.0	1.3	1.8
170.60	212.22	216.78	181.47	221.75	20.7	56.97	1.1	1.2	1.6
189.06	192.19	223.36	179.88	222.80	22.6	55.93	1.0	1.3	1.6
	184.61	211.40	133.52	230.92	20.5	57.37	1.1	1.5	1.8
203.27	159.48	192.90	114.14	234.29	21.1	54.40	1.3	1.7	2.0
	199.85	184.55	126.66	230.95	20.7	56.02	1.3	1.4	2.0
184.73	195.93	196.74	180.90	215.49	20.0	54.90	1.1	1.5	1.8
210.87	194.27	221.61	179.26	206.93	21.2	57.73	1.0	1.5	1.9
169.96	186.09	177.73	90.87	227.96	19.0	53.50	1.2	1.7	1.9
162.93	189.08	201.14	198.86	208.01	20.6	57.65	1.2	1.3	1.4
135.00	191.60	211.84	159.35	215.57	20.5	55.67	1.1	1.5	1.8
	203.85	182.43	91.36	189.80	20.6	55.90	1.2	1.4	1.8
181.19	190.58	197.93	138.65	225.42	20.6	54.67	1.0	1.5	1.7
148.30	196.65	211.12	140.55	242.24	20.0	55.10	1.1	1.6	1.8
171.33	199.63	167.98	161.49	175.98	20.0	56.77	1.1	1.4	1.6
191.13	192.28	183.18	194.82	224.53	20.2	56.37	1.0	1.3	1.8
193.40	189.43	182.40	191.92	220.68	19.8	55.78	1.0	1.3	1.9
	201.74	187.11	129.57	210.21	20.6	56.07	1.0	1.3	1.8
213.29	210.14	172.56	117.24	184.43	20.3	54.65	1.0	1.3	1.7
170.42	205.15	179.50	172.09	207.46	19.0	56.78	1.1	1.3	1.6
135.98	211.45	190.97	150.47	197.03	20.4	56.98	1.1	1.5	1.8
	168.26	174.45	212.78	197.05	20.3	56.57	1.1	1.2	1.7
193.15	236.50	201.53	185.89	200.93	20.0	56.38	1.1	1.5	1.8
178.32	187.95	176.90	130.50	190.64	20.5	56.48	1.1	1.5	2.0
148.59	211.78	165.40	111.08	158.04	20.2	55.97	1.2	1.5	2.0
158.82	188.40	208.25	138.31	180.04	19.7	54.97	1.1	1.5	1.9
124.81	185.02	173.41	137.31	196.08	20.7	55.37	1.1	1.3	1.5
131.84	175.75	186.45	157.95	220.52	20.8	54.92	1.1	1.5	1.8
121.13	204.95	168.48	161.07	204.87	20.3	57.13	1.2	1.4	1.9
	186.19	199.14	153.91	216.05	19.7	55.40	1.1	1.3	1.7
160.43	185.42	181.66	154.35	194.19	20.6	57.47	1.1	1.1	1.4
140.52	194.23	184.39	189.38	216.16	20.7	56.27	1.1	1.1	1.5
191.71	188.80	191.29	150.08	211.67	20.3	55.27	1.1	1.3	1.8
145.91	182.73	206.16	177.37	183.97	19.6	56.45	1.1	1.4	1.7
167.33	181.82	214.86	137.96	164.10	22.1	56.78	1.1	1.5	1.9
138.80	187.69	168.92	109.80	183.09	19.7	55.61	1.2	1.5	2.2
	172.48	163.97	134.14	222.91	20.4	55.02	1.2	1.5	2.1
160.37	176.79	173.66	208.10	202.27	19.7	57.98	1.1	1.3	1.7
121.15	169.42	177.19	117.54	185.58	19.4	57.82	1.2	1.5	1.6
172.42	205.37	169.87	106.83	189.13	19.8	55.56	1.1	1.7	1.9
158.14	158.71	181.06	118.22	193.20	20.3	57.37	1.2	1.5	1.9

CORN PERFORMANCE

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SM 105 TEST

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STATS			YIELD	YIELD FROM PLOTS WITH <20 CV (5 LOCATIONS)	TIPTON, IN PLOT	WILLIAMSBURG, IN PLOT	WOLCOTT, IN PLOT
MEAN			174.45	174.45	178.03	144.83	151.93
CVErr			9.728	9.728	19.547	27.485	19.030
LSD (.05)			12.67	12.67	56.40	64.52	46.86
CVE _{xL}			12.236	12.236			
PLANTING DATE					June 3	June 5	June 8
HARVEST DATE					Oct 25	Oct 23	Nov 4

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

CORN PERFORMANCE

ADA, OH PLOT	TIFFIN, OH PLOT	WASHINGTON CH, OH PLOT	LAGRANGE, IN PLOT	WINAMAC, IN PLOT	MOISTURE	TEST WEIGHT	ROOT LODGE RATING	STALK LODGE RATING	GENERAL APPEARANCE RATING
165.86	194.83	194.24	152.31	207.84	20.4	56.08	1.1	1.4	1.8
	9.128	14.274	27.220	10.502	3.309	1.317	17.2	16.4	16.9
	28.82	44.94	67.19	35.38	0.6	0.93	0.1	0.2	0.2
					4.597	1.427	18.2	22.9	21.0
June 8	May 24	May 16	May 16	May 22					
Oct 24	Oct 29	Sept 27	Oct 9	Oct 28					