

SM 115 TEST

(113-118 DAY RELATIVE MATURITY TEST)

BRAND	RELATIVE MATURITY	# OF PLOT REPLICATIONS	YIELD	YIELD FROM PLOTS WITH <20 CV	GREENSBURG, IN PLOT	SCOTTSBURG, IN PLOT	TIPTON, IN PLOT	WILLIAMSBURG, IN PLOT
DIRECT 8115-3110	118	27	194.61	220.48	261.56	134.43	150.99	143.19
DIRECT 8115-3111	118	27	191.95	211.21	249.91	131.98	174.27	154.02
DeKalb DKC63-57RIB	113	27	187.66	208.05	214.58	120.04	181.06	139.55
X01-115	112	27	178.88	206.72	250.51	98.48	166.22	104.91
Beck's 6368 V2P	113	27	191.86	206.13	211.62	144.56	205.20	140.18
X23-115	114	27	184.57	204.38	224.00	147.22	151.24	136.35
X36-115	117	27	180.18	204.00	247.11	128.42	201.31	67.89
DIRECT 0113-3111	115	27	184.83	203.72	227.33	126.76	188.56	125.81
X04-115	112	27	180.46	202.40	212.48	115.33	150.62	143.81
X24-115	114	27	182.25	202.03	214.01	128.42	176.01	123.63
X21-115	113	27	184.20	201.42	228.00	127.30	191.83	130.17
X41-115	118	27	179.53	200.48	218.54	119.14	194.68	99.08
X32-115	116	27	183.38	200.26	214.29	118.50	190.88	139.49
X30-115	113	27	178.40	199.91	218.17	124.80	181.87	99.50
X15-115	113	27	184.81	199.89	231.82	150.68	181.41	131.86
X03-115	112	27	173.30	198.83	204.69	103.15	139.33	124.21
X28-115	115	27	178.91	197.86	236.61	110.66	182.19	130.18
X12-115	113	27	177.11	197.85	217.46	144.58	162.32	100.00
DIRECT 7112	112	27	178.93	197.63	208.32	120.63	169.04	134.91
X40-115	118	27	177.91	197.13	234.92	104.84	187.03	126.49
DIRECT 9112	113	27	183.50	196.27	232.92	147.33	175.67	150.92
DIRECT 8112-3110	117	27	179.98	196.20	237.18	137.85	151.76	153.01
X37-115	117	27	174.02	194.91	247.85	132.63	176.02	88.08
DeKalb DKC67-72RIB	117	27	175.15	193.84	216.05	98.04	162.40	152.94
X16-115	113	27	179.16	192.63	205.43	114.12	190.43	152.10
X22-115	114	27	174.28	192.53	207.14	125.84	161.59	125.93

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

WORTHINGTON, IN PLOT	ASHVILLE, OH	CAMDEN, OH PLOT	CHILLICOTHE, OH PLOT	WASHINGTON CH, OH PLOT	MOISTURE	TEST WEIGHT	ROOT LODGE RATING	STALK LODGE RATING	GENERAL APPEARANCE RATING
246.60	215.42	214.28	169.87	215.14	23.8	55.73	1.0	1.1	1.3
217.62	195.94	210.78	181.94	211.06	24.0	56.40	1.1	1.1	1.1
231.52	179.37	233.12	168.95	220.74	22.2	57.00	1.0	1.2	1.2
222.65	180.27	201.90	162.04	222.97	21.0	55.30	1.0	1.1	1.1
235.95	177.83	235.16	163.19	213.05	21.9	57.47	1.0	1.1	1.3
199.34	172.70	250.01	174.91	205.33	22.2	55.97	1.1	1.2	1.2
224.86	166.53	209.45	172.36	203.66	23.4	53.69	1.1	1.1	1.1
234.25	169.75	232.20	166.39	192.40	23.2	56.67	1.0	1.1	1.2
238.58	165.05	208.32	171.37	218.61	22.7	55.27	1.0	1.1	1.2
225.55	171.41	199.13	189.74	212.35	21.6	56.90	1.1	1.1	1.3
208.75	188.06	183.15	186.63	213.94	21.7	58.10	1.0	1.1	1.2
189.80	204.58	225.10	151.04	213.82	23.8	57.83	1.0	1.0	1.1
177.69	205.61	208.29	179.82	215.87	23.7	56.73	1.0	1.1	1.1
217.68	184.27	181.16	202.29	195.88	20.9	57.33	1.0	1.1	1.1
182.78	187.18	191.63	187.33	218.61	21.9	56.53	1.0	1.1	1.2
197.27	202.49	206.07	183.59	198.87	22.3	57.00	1.0	1.1	1.3
205.48	186.39	181.31	182.73	194.66	21.7	57.67	1.1	1.1	1.4
215.47	168.79	184.13	156.91	244.35	21.4	57.13	1.1	1.1	1.2
188.41	184.64	211.40	184.65	208.35	21.6	56.97	1.1	1.1	1.2
223.47	161.22	210.88	149.46	202.84	25.1	55.97	1.0	1.1	1.1
198.11	169.98	215.47	163.00	198.11	22.8	57.90	1.0	1.1	1.1
201.56	165.37	224.17	156.39	192.55	23.5	55.50	1.0	1.1	1.2
206.35	163.35	196.23	155.03	200.65	23.5	55.87	1.0	1.1	1.2
209.23	182.02	179.47	178.79	197.46	23.1	56.57	1.0	1.1	1.1
214.05	168.10	207.61	167.93	192.64	21.1	57.49	1.1	1.2	1.2
202.75	163.39	212.44	162.28	207.17	21.5	57.13	1.1	1.2	1.3

Continued On Next Page

CORN PERFORMANCE

SM 115 TEST

Continued From Previous Page

BRAND	RELATIVE MATURITY	# OF PLOT REPLICATIONS	YIELD	YIELD FROM PLOTS WITH <20 CV	GREENSBURG, IN PLOT	SCOTTSBURG, IN PLOT	TIPTON, IN PLOT	WILLIAMSBURG, IN PLOT
DeKalb DKC64-32	114	27	180.51	191.81	223.17	144.15	198.84	130.70
X31-115	116	27	171.17	190.78	226.36	132.09	132.94	130.84
X8-115	112	27	181.20	190.59	199.66	126.88	199.25	161.21
EXP19115K	115	27	172.77	189.79	199.89	107.47	168.91	139.87
SCS1136YHR	113	27	165.25	188.75	235.20	108.58	160.70	85.52
EXP19112P	112	27	162.01	188.67	211.46	108.28	107.43	110.39
DIRECT 8111	112	27	171.27	187.31	194.34	115.34	142.80	159.46
DIRECT 8111-3010	112	27	180.32	186.28	191.25	123.10	170.89	211.19
EXP19115D	115	27	170.85	186.21	197.78	127.41	178.02	114.94
DeKalb DKC64-34RIB	114	27	169.41	185.57	200.40	109.53	168.50	133.23
DeKalb DKC64-35RIB	114	27	161.83	184.21	205.24	110.46	102.52	138.25
X9-115	112	27	168.43	182.60	210.20	110.43	181.34	128.53
X19-115	113	27	174.05	182.39	204.64	155.75	148.67	167.65
Pioneer P1637YHR	116	27	160.77	182.39	228.07	119.84	123.29	109.47
EXP19112BC	112	27	168.29	180.86	199.28	116.16	157.54	155.75
DeKalb DKC63-33RIB	113	27	165.66	179.04	216.42	124.95	165.94	125.84
Pioneer P1311AM	113	27	166.98	177.53	191.25	98.61	224.05	114.99
EXP19113E	113	27	155.78	166.18	193.49	108.93	174.63	121.42
EXP19114F	114	27	147.44	160.20	190.91	96.56	156.03	113.20
DIRECT 6113	115	27	146.08	159.56	157.83	84.66	175.97	96.74
EXP19116H	116	27	144.82	159.16	170.03	91.02	137.68	119.72
EXP19115G	115	27	130.41	144.48	171.10	69.80	107.08	130.00
STATS								
MEAN			173.65	173.65	214.38	119.70	167.23	129.52
CVErr			10.100	10.100	12.182	25.061	22.300	30.154
LSD (.05)			9.63	9.63	42.33	48.62	60.44	63.30
CVExL			10.362	10.362				
PLANTING DATE					June 2	June 4	June 3	June 5
HARVEST DATE					Nov 4	Nov 4	Oct 25	Oct 23

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

WORTHINGTON, IN PLOT	ASHVILLE, OH	CAMDEN, OH PLOT	CHILLICOTHE, OH PLOT	WASHINGTON CH, OH PLOT	MOISTURE	TEST WEIGHT	ROOT LODGE RATING	STALK LODGE RATING	GENERAL APPEARANCE RATING
199.67	184.20	181.70	163.80	198.32	22.7	57.40	1.0	1.1	1.1
216.81	153.18	208.87	158.05	181.39	23.1	57.03	1.0	1.1	1.1
220.38	184.44	199.05	141.99	197.99	21.7	55.23	1.0	1.1	1.2
189.95	166.90	200.06	171.21	210.72	22.9	56.20	1.0	1.1	1.2
211.35	156.62	189.58	147.65	192.07	21.9	58.77	1.1	1.1	1.1
205.57	167.61	199.52	161.28	186.56	21.7	58.10	1.1	1.1	1.3
202.71	155.13	212.40	142.05	217.21	21.4	57.47	1.0	1.1	1.2
187.03	169.80	213.93	172.34	183.34	21.1	56.73	1.1	1.2	1.3
208.07	176.16	205.00	161.89	168.35	22.7	56.87	1.0	1.1	1.2
184.26	182.03	193.47	161.08	192.16	23.6	57.33	1.1	1.1	1.2
196.11	173.31	204.61	141.15	184.85	22.3	58.73	1.1	1.1	1.1
186.63	177.83	174.75	161.38	184.81	21.7	56.43	1.0	1.3	1.2
169.45	150.79	200.87	158.16	210.44	22.2	58.19	1.1	1.1	1.2
211.42	136.32	217.42	149.71	151.39	22.4	57.43	1.1	1.1	1.2
168.90	170.91	190.91	163.63	191.55	21.6	57.97	1.1	1.1	1.1
211.75	153.22	187.03	134.12	171.68	21.3	58.57	1.0	1.2	1.2
184.37	184.47	176.36	144.09	184.66	21.4	56.30	1.0	1.1	1.2
181.01	150.39	164.37	152.95	154.84	21.5	57.93	1.0	1.1	1.2
165.35	153.96	192.45	140.53	118.01	24.9	55.17	1.1	1.0	1.1
150.99	131.85	196.30	143.97	176.41	23.3	56.60	1.0	1.2	1.2
178.91	148.59	185.30	131.60	140.52	22.2	56.43	1.1	1.1	1.2
142.63	132.53	160.60	131.99	128.00	26.1	55.33	1.1	1.2	1.4
201.86	171.67	201.40	162.57	194.51	22.5	56.84	1.0	1.1	1.2
14.816	11.612	14.311	18.652	14.228	3.521		10.2	12.1	16.3
48.47	32.31	46.72	49.15	44.85	0.6		0.1	0.1	0.1
					4.611		11.7	12.1	16.3
May 30	May 15	May 16	May 9	May 16					
Oct 29	Oct 10	Sept 30	Oct 15	Sept 27					

CORN PERFORMANCE