

2008 Pioneer Johnston, IA Disease Trial (1 to 9 Scale; 9=Best) Bill Dolezal

Entry Pedigree	Inventory No	Northern		Comments
		Leaf Blight	DIPLODIA	
Inbreds (Entries 1-100)				
1 1311-01/97_CHS775N19F1S3_1721-42-B-B-B-B	07GEM00006	7	4	GEMN-0119
2 1312-01/97_CHS775N19F1S3_1721-42-B-B	07GEM00007	8	*m	GEMN-0120; vy late flowering
3 1415-06/97_DK888S11F2S3_7461-29-B	06GEM01758	6	8	GEMN-0126
4 1881-002/98_DKXL370AN11F2S3_7521-05-B-B-B	07GEM00012	5	8	GEMN-0128
5 1881-006/98_DKXL370AN11F2S3_7521-05-B	06GEM01761	7	6	GEMN-0129
6 1883-001/98_DKXL370AN11F2S3_7521-05-B-B	07GEM00013	6	4	GEMN-0130
7 1883-002/98_DKXL370AN11F2S3_7521-05-B-B	07GEM00014	6	5	GEMN-0131
8 1886-003/98_DKXL370AN11F2S3_7521-05-B	06GEM01762	5	4	GEMN-0132
9 1895-001/98_DKXL370AN11F2S3_7521-29-B-B	06GEM01777	7	3	GEMN-0133
10 2111-01_DK212T_S11_F2S4_9166-Blk31/00-sib-B-B	06GEM01780	4	2	GEMS-0009
11 2132-03_DK888_S11_F2S4_9187-Blk22/00-sib-B-B-B	06GEM01772	8	5	GEMS-0016
12 2258-03_XL380_S11_F2S4_71/97_Bulk/98-Sib-B-B	06GEM01787	7	4	GEMS-0030
13 2410-003/99_SCRGp3N14F2S3_7258-3-B-B	06GEM01770	6	3	GEMN-0137
14 2423-017/99_DKXL380N11F2S3_7541-10-B-B	06GEM01790	7	6	GEMN-0134; FLECKER
15 7384-02/96_CHS775N19F1S3_3587-43-B-B	07GEM00008	8	m	GEMN-0122
16 9353-01/97_DK888N11F2S3_7451-17-B-B	07GEM00011		6	GEMN-0127
17 9531-02/97_DKXL380N11F2S3_7541-7-B	06GEM01763	7	8	GEMN-0135
18 9532-02/97_DKXL380N11F2S4_7541-7-B	06GEM01764	6	5	GEMN-0136
19 1507-001/98_DK212TN11F2S3_7431-03-B	05GEM02978	8	6	GEMN-0124
20 2011-01_SE32_S17_F2S4_9148-Blk22/00-Sib-B-B-B	06GEM01778	8	7	GEMS-0003
21 2084-02_DK212T_S11_F2S4_9151-Blk38/00-Sib-B	03GEM00219	6	5	GEMS-0004
22 2121-04_DK888_S11_F2S4_9178-Blk29/00-Sib-B	03GEM00228	5	7	GEMS-0013
23 2131-01_DK888_S11_F2S4_9184-Blk20/00-Sib-B-B	05GEM02803	4	m	GEMS-0015
24 2142-01_DK888_S11_F2S4_9190-Blk19/00-Sib	02GEM00266	5	m	GEMS-0017
25 2146-01_DK888_S11_F2S4_9196-Blk29/00-Sib	02GEM00268	6	m	GEMS-0019
26 2228-03_DK370A_S11_F2S4_3358-Blk04/00-Sib-B	03GEM00241	6	5	
27 2250-01_XL370A_S11_F2S4_9214-Blk21/00-Sib-B-B	05GEM02811	8	6	GEMS-0027
28 2253-01_XL370A_S11_F2S4_9220-Blk24/00-Sib-B-B	05GEM02813	7	3	GEMS-0029
29 2282-01_XL380_S11_F2S4_9226-Blk26/00-Sib-B-B	05GEM02815	5	7	GEMS-0031
30 2405-010/99_CHS775N19F1S3_1721-27-B	05GEM02975	7	1	
31 AR01150:N04-545-001-B-B-B	06GEM02173	4	3	GEMN-0057
32 AR13026:N08b15-016-B-B-SIB	07GEM02958	5	4	GEMN-0154
33 AR17056:N2035-421-001-B-B-B	06GEM02093	8	2	GEMN-0138
34 AR17056:N2035-473-001-B-B-B	06GEM02094	7	8	GEMN-0139
35 B1776-1/98 7451-27DK888N11F2S3 771-Blk/02 050 -B-B	04GEM00083	7	2	GEMN-0103
36 B1778-1/98 7451-27DK888N11F2S3 791-Blk/02 050 -B-B	04GEM00084	8	6	GEMN-0104

37 B1780-1/98 7451-27DK888N11F2S3 811-Blk/02 050 -B-B	04GEM00085	6	6	GEMN-0105
38 B73 (non-Ht version)	04GEM00757	3	3	
39 B9367-1/97 7451-22DK888N11F2S3 721-Blk/02 050 -B-B	04GEM00080	5	6	GEMN-0107
40 B9375-1/97 7451-27DK888N11F2S3 751-Blk/02 050 -B-B	04GEM00081	6	7	GEMN-0108
41 BARBGP2:N08a18-332-001-B-B-B	05GEM06025	5	4	GEMN-0110
42 BR51675:N0620-033-001-B-B-B	06GEM02095	7	5	GEMN-0140
43 BR51721:N2012-098-002-B-B-SIB	07GEM02960	5	3	GEMN-0156
44 BR51721:N2012-164-002-B-B-SIB	07GEM02961	7	4	GEMN-0157
45 BR51721:N2012-397-001-B-B-SIB	07GEM02962	7	6	GEMN-0158
46 BR52060:S0210-143-001-B-B-B	06GEM02104	5	3	GEMS-0142
47 BVIR155:S2012-029-001-B-B	07GEM02381	4	3	GEMS-0175
48 CH05015:N12-183-001-B-B-SIB-SIB	06GEM02119	3	6	GEMN-0070
49 CH05015:N15-003-001-B-B-SIB-SIB	06GEM02148	5	2	GEMN-0071
50 CHIS 775 N19 F1S7_1721-42-12-3-B-B-B-B-B	06GEM01765	7	7	GEMN-0151
51 CUBA117:S1542-057-002-B-B-SIB	07GEM02966	4	3	GEMS-0162
52 CUBA164:S2008c-289-001-B-B	07GEM02402	3	6	GEMS-0176
53 CUBA164:S2012-456-001-B-B-SIB	07GEM02967	5	6	GEMS-0163
54 DE3	06GEM05148	8	7	
55 DE4	06GEM05149	7	3	
56 DE6	07GEM02504	8	5	
57 DK212T N11 F2S4_7431-16-22-B-B-B	07GEM02612	8	6	GEMN-0164
58 DK212T N11 F2S5_7431-16-5-B-B-B-B-B	07GEM02543	7	3	GEMN-0152
59 DK212T:N11a12-191-001-B-B-B	05GEM06029	5	4	GEMN-0114
60 DK888:N11a08a-395-001-B-B	07GEM02476	6	3	GEMN-0177
61 DK888:N11a08a-440-001-B-B	07GEM02475	7	4	GEMN-0178
62 DK888_N11F2S4_1778-1_7451-27-778-09-B-B	07GEM02621	8	3	GEMN-0173
63 DK888_N11F2S4_9367-1_7451-22-67-26-B-B	07GEM02613	4	6	GEMN-0165
64 DK888_N11F2S4_9375-1_7451-27-75-08-B-B	07GEM02614	6	6	GEMN-0166
65 DK888_N11F2S4_9375-1_7451-27-75-18-B-B	07GEM02615	5	8	GEMN-0167
66 DK888_N11F2S4_9375-1_7451-27-75-19-B-B	07GEM02616	6	7	GEMN-0168
67 DK888_N11F2S4_9375-1_7451-27-75-27-B-B	07GEM02617	6	8	GEMN-0169
68 DK888_N11F2S4_9375-1_7451-27-75-30-B-B	07GEM02618	6	7	GEMN-0170
69 DK888_N11F2S4_9375-1_7451-27-75-37-B-B	07GEM02619	6	6	GEMN-0171
70 DK888_N11F2S4_9375-1_7451-27-75-40-B-B	07GEM02620	6	6	GEMN-0172
71 DKXL370:N11a20-234-002-B-B-B-Sib	04GEM00776	7	4	GEMN-0095
72 DKXL370:N11a20-322-001-B-B-Sib	04GEM00777	5	4	GEMN-0096
73 DKXL380 N11 F2S6_7541-7-32-1-B-B-B-B-B-B	07GEM02635	5	5	GEMN-0153
74 DREP150:N2011d-624-001-B-B-B	05GEM06032	4	4	
75 FS8B(T):N11a-087-001-B-B-SIB	04GEM00778	6	3	GEMN-0097
76 FS8B(T):N11a08c-030-002-B-B	07GEM02436	8	4	GEMN-0179

77 FS8B(T):N11a-110-001-B-B-Sib	04GEM00779	6	5	
78 FS8B(T):N11a-322-001-B-B-Sib	04GEM00780	6	3	
79 GEMS-0002	05GEM06000	4	5	
80 GUAT209:S1308a-047-001-B-B	07GEM02289	6	5	GEMS-0180
81 GUAT209:S1308a-068-001-B	06GEM01822	6	5	GEMS-0181
82 GUAT209:S1308a-084-001-B-B	07GEM02291	4	5	GEMS-0182
83 GUAT209:S1308a-104-001-B-B	07GEM02296	5	6	GEMS-0183;
84 GUAT209:S1308a-120-001-B-B	07GEM02288	6	5	GEMS-0184
85 GUAT209:S1308d-140-001-B	07GEM02676	4	6	
86 GUAT209:S1308d-174-001-B	07GEM02679	6	6	
87 GUAT209:S1308d-222-001-B	07GEM02673	3	4	
88 MDI022:N2120-284-001-B-B-B	06GEM02098	5	3	GEMN-0144
89 MDI022:N2120-333-001-B-B-B	06GEM02099	3	2	GEMN-0145
90 NEI9004:S2818-003-001-B-B-B	06GEM02100	2	5	GEMS-0146
91 NEI9004:S2818-025-001-B-B-B	06GEM02101	2	4	GEMS-0147
92 NEI9004:S2818-376-001-B-B-B	06GEM02102	3	m	GEMS-0148
93 PASCO14:S0105-198-001-B-B	04GEM00313	6	9	GEMS-0084
94 PE001n16F2S2-172-B-B	03GEM00266	7	6	GEMN-0035
95 PE001n16F2S2-193-B-B	03GEM00269	8	3	
96 PE001n16F2S2-239-B-B-B-B	06GEM01791	7	2	GEMN-0039
97 Tx204	05GEM02924	4	4	
98 Tx205	05GEM02925	3	m	
99 UR13010:S13-021-001-B	07GEM02688	2	5	
100 UR13010:S13-034-001-B	07GEM02691	3	5	

Breeding Crosses (Entries 101-189)

101 AR01081:N99v	08GEM80014	4	4	MRCV resistant
102 AR01081:S99n	08GEM80005	4	5	MRCV resistant
103 AR01150:N0402	07GEM80076	5	6	
104 AR03056:N0902a	07GEM80078	7	8	
105 AR16003:N99v	08GEM80013	6	3	MRCV resistant
106 AR16003:S99n	08GEM80004	6	3	MRCV resistant
107 AR16021:N2149a	07GEM80085	5	7	
108 AR16021:N2149b	07GEM80089	5	4	
109 AR16038:N99v	08GEM80012	5	6	MRCV resistant
110 AR16038:S99n	08GEM80003	5	4	MRCV resistant
111 AR16062:N99v	08GEM80011	5	4	MRCV resistant
112 AR16062:S99n	08GEM80002	4	6	MRCV resistant
113 AR16075:N99v	08GEM80010	6	5	MRCV resistant
114 AR16075:S99n	08GEM80001	6	3	MRCV resistant
115 BARBGP2:N08a46	07GEM80047	7	7	

116 BIGWHITE:S99x	07GEM80044	7	5
117 BR105:N99v99v	07GEM80041	6	6
118 BR105:N1643	07GEM80063	7	5
119 BR105:S99n99n	07GEM80038	5	4
120 BR105:S1643	07GEM80065	6	4
121 BR105:S1646	07GEM80049	6	6
122 BR106:N99v99v	07GEM80042	6	3
123 BR106:S99a99kT47	08GEM80022	5	5
124 BR106:S99n99n	07GEM80039	5	4
125 BR51403:N1643	07GEM80067	6	5
126 CH05015:N4049a	07GEM80084	6	4
127 CH05015:N4049b	07GEM80088	5	3
128 CL-G1703:S17c43	07GEM80069	7	4
129 CML323:N1550	07GEM80055	7	8
130 CUBA164:N99v99v	07GEM80043	7	5
131 CUBA164:S99n99n	07GEM80040	6	3
132 DK888:S08a46	07GEM80051	7	6
133 DKXL212:S0950	07GEM80057	6	7
134 (BR51721:N2012-098-002-B-B/MBNA)-B	08GEM00028	4	5
135 (FS8B(T):N11a-087-001-B-B-Sib-B-B/G29)-B	08GEM00032	6	6
136 (FS8B(T):N11a-087-001-B-B-Sib-B-B/G72)-B	08GEM00034	6	4
137 (GEMN-0117/DKXL212:N11a-139-001-001-B-B-B-B-B-B)-B	08GEM00026	5	3
138 (GEMN-0131/DKXL212:N11a-139-001-001-B-B-B-B-B-B)-B	08GEM00027	6	6
139 (GEMS-0030/GEMS-0091)-B	08GEM00024	7	6
140 (GEMS-0147/GEMS-0115)-B	08GEM00025	5	3
141 GUAT209:N99v	08GEM80016	7	5
142 GUAT209:N11c50	07GEM80059	8	7
143 GUAT209:S99n	08GEM80007	6	6
144 MBRC10:N1749a	07GEM80086	7	4
145 MBRC10:N1749b	07GEM80090	6	3
146 NEI9004:N0803	07GEM80074	7	7
147 NEI9004:N0846	07GEM80053	7	8
148 NEI9008:S17b16T47	08GEM80024	7	7
149 NS1:N99z	08GEM80020	7	m
150 NS1:S99y	08GEM80019	7	5
151 PASCO14:S11a21	07GEM80071	6	m
152 SANM126:S1221	07GEM80072	7	5
153 TZEEI11:N99v	08GEM80017	5	5
154 TZEEI11:S99n	08GEM80008	8	4
155 TZEEI7:N99v	08GEM80015	7	8

156 TZEEI7:S99n	08GEM80006	6	4
157 TZISTRI112:N99v	08GEM80018	7	3
158 TZISTRI112:S99n	08GEM80009	7	4
159 UR10001:S99x	07GEM80045	6	1
160 UR10001:S1802	07GEM80080	5	5
161 UR11003:S17h02	07GEM80082	4	7
162 UR11003:S17h49a	07GEM80083	3	6
163 UR11003:S17h49b	07GEM80087	5	4
164 (UR13085:N0215-021-001-B-B-B-B-B/G29)-B	08GEM00033	6	6
165 (UR13085:N0215-021-001-B-B-B-B-B/G72)-B	08GEM00035	5	6
166 UR13088:S0650	07GEM80061	6	6
167 BR106:S99a99k	06GEM80030	5	2
168 CUBA173:S0446	05GEM80128	6	3
169 ANTIG01:N16	05GEM80057	0	6
170 ANTIG03:N12	95GEM80068	5	5
171 AR16021:S09	95GEM80011	5	4
172 AR16026:F27	02GEM80056	5	6
173 BR52051:N11c	02GEM80069	7	7
174 BVIR103:S04	95GEM80025	6	4
175 BVIR155:S20	95GEM80273	6	m
176 CH05015:F27	02GEM80060	6	4
177 CH05027:F44	03GEM80004	5	5
178 CL-G1703:S17c	05GEM80088	6	3
179 CML325:S18	05GEM80092	5	6
180 CML329:N18	05GEM80094	6	5
181 CUBA164:T26aS41	04GEM80020	6	7
182 DKXL212:S09	05GEM80069	6	7
183 DKXL370:S08a	00GEM80015	4	3
184 DKXL370:S08b	96GEM80090	6	8
185 GOQUEEN:N16	95GEM80004	6	5
186 NEI9004:S28	05GEM80074	5	3
187 UR10001:N17	95GEM80023	5	5
188 UR11002:F44	03GEM80006	5	7
189 UR13085:S19	95GEM80016	6	5

Top Crosses (Entries 190-250)

190 1311-01/97_CHS775N19F1S3_1721-42-B/HC33	06TPX1232	6	5
191 HC33xLH287	Check287	7	3
192 1881-002/98_DKXL370AN11F2S3_7521-05-B/HC33	06TPX1237	7	5
193 LH198xLH185		3	5
194 1883-002/98_DKXL370AN11F2S3_7521-05-B/HC33	06TPX1240	6	4

195	1886-003/98_DKXL370AN11F2S3_7521-05/HC33	06TPX1245	7	8	
196	1895-001/98_DKXL370AN11F2S3_7521-29/HC33	05TPX1211	6	7	
197	2111-01_DK212T_S11_F2S4_9166-BIk31/00/LH185	02TPX00026	7	2	GEMS-0009/LH185
198	2132-03_DK888_S11_F2S4_9187-BIk22/00/LH185	02TPX00035	7	5	
199	2258-03_XL380_S11_F2S4_71/97_Bulk/98/LH185	02TPX00044	6	4	
200	9353-01/97_DK888N11F2S3_7451-17/HC33	05TPX1209	6	6	
201	2011-01_SE32_S17_F2S4_9148-BIk22/00/LH283	02TPX00275	6	6	
202	2228-03_DK370A_S11_F2S4_3358-BIk04/00/LH185	02TPX00048	6	3	
203	2250-01_XL370A_S11_F2S4_9214-BIk21/00/LH283	02TPX00278	6	4	
204	AR01150:N04-545-001-B-B/LH198	02TPX00136	4	6	
205	AR13026:N08b15-016/HC33	05TPX1253	6	m	
206	AR17056:N2035-421-001/LH198	04TPX0861	5	3	
207	AR17056:N2035-473-001/LH198	04TPX0862	5	5	
208	B73xMo17	Check	6	3	
209	B9367-1/97_7451-22DK888N11F2S3_721-BIk/02 050 -B-B/HC33	05TPX1205	3	m	
210	BARBGP2:N08a18-332-001/LH198	03TPX0478	5	m	
211	BR51675:N0620-033-001/LH198	04TPX0867	5	5	
212	BR51721:N2012-098-002/HC33	05TPX1214	3	6	
213	BR51721:N2012-164-002/HC33	05TPX1217	5	4	
214	BR51721:N2012-397-001/HC33	05TPX1220	4	3	
215	BR52060:S0210-147-001/LH185	04TPX0295	5	3	
216	BVIR155:S2012-029-001/LH287	06TPX0763	6	3	
217	CH05015:N12-183-001-B-B-SIB/LH198	02TPX00152	4	6	
218	CH05015:N15-003-001-B-B-SIB/LH200	02TPX00228	5	5	
219	CUBA117:S1542-057-002/LH287	05TPX0531	7	2	GEMS-0161/LH287
220	CUBA164:S2008c-289-001/LH287	06TPX0781	7	3	
221	CUBA164:S2012-456-001/LH287	05TPX0563	7	4	
222	DE3/HC33	05TPX1265	6	9	
223	DE4/HC33	05TPX1266	6	4	
224	DE6/HC33	05TPX1267	2	5	
225	DK888:N11a08a-395-001/HC33	06TPX1143	7	4	
226	DK888:N11a08a-440-001/HC33	06TPX1142	7	5	
227	DKXL370:N11a20-234-002-B-B/LH198	02TPX00124	6	6	
228	DKXL370:N11a20-322-001-B/LH198	02TPX00150	4	3	
229	DREP150:N2011d-624-001/LH198	03TPX0448	5	5	
230	FS8B(T):N11a-087-001-B/LH198	03TPX0326	7	5	
231	FS8B(T):N11a08c-030-002/HC33	06TPX1113	6	9	
232	FS8B(T):N11a-110-001-B/LH198	03TPX0327	6	5	
233	GEMS-0002/LH287	05TPX0574	6	3	
234	GUAT209:S1308a-047-001/LH287	06TPX0672	6	2	

235	GUAT209:S1308a-068-001/LH287	06TPX0673	8	6	
236	GUAT209:S1308a-084-001/LH287	06TPX0674	6	5	
237	GUAT209:S1308a-104-001/LH287	06TPX0679	7	6	
238	GUAT209:S1308a-120-001/LH287	06TPX0671	6	5	
239	GUAT209:S1308d-140-001/LH287	07TPX0708	6	5	
240	GUAT209:S1308d-174-001/LH287	07TPX0711	7	6	
241	GUAT209:S1308d-222-001/LH287	07TPX0705	8	5	
242	MDI022:N2120-333-001/LH200	04GEM00722	7	4	
243	NEI9004:S2818-003-001/LH185	04TPX0300	4	1	
244	NEI9004:S2818-025-001/LH185	04TPX0299	5	7	
245	NEI9004:S2818-376-001/LH185	04TPX0302	5	4	
246	PE001n16F2S2-239/LH198	02TPX00129	5	8	
247	Tx204/HC33	05TPX1263	4	4	
248	Tx205/HC33	05TPX1264	3	6	
249	UR13010:S13-021-001/LH287	07TPX0717	6	5	
250	UR13010:S13-034-001/LH287	07TPX0716	6	3	
			Minimum	0	1
			Maximum	8	9

*m = Missing

MRCV resistant = Mal de Rio Cuarto Virus (from literature - trait not measured)