

Entry	Inventory No	Pedigree	Plntht	Earht	NLB	15-Jul	31-Jul	GEM Rating (1-9, 1=resistant)	
						SLB	SLB	SLB (July 15)	SLB (July 31)
1	06GEM01816	DE4	110	45	68	8	8	2	2
2	13GEM01664	CML413:N18-001-036-002-B	155	80	67	8	7.5	2	2.5
3	13GEM01666	CUBA164:D27-B-017-001-B-B-B	143	75	67	8	7	2	3
4	09GEM08806	AR13026:N08a04-054-001	140	80	65	8	8	2	2
5	10GEM06846	AR16035:S02-615-001-B wx	113	60	66	6	3	4	7
6	11GEM05826	((KO679Y/GEMS-0115)/GEMS-0181)-B-022	135	65	67	8	8	2	2
7	11GEM06529	CUBA164:S2012-444-001-B wx	145	65	68	8	8	2	2
8	11GEM10045	NS1:S08-006-001-002-B-B	120	55	73	8	8	2	2
9	12GEM03023	BR106:S(LH132)(PHG39)-B-053-B-B-SIB	167	80	71	8	8	2	2
10	12GEM03026	SANM126:N12(LH123)-B-033-B-B-SIB	145	70	68	8	8	2	2
11	12GEM03042	AR16042:S2028-B-031-B	85	30	65	6.5	4	3.5	6
12	12GEM03047	BS20(S)C2:S(CUBA117:S1520-156-1-B-B)-B-060-B	115	55	69	7	5	3	5
13	12GEM03241	UR13085:S(N28)(CUBA117:S1520-156-1-B-B)-B-058-B-B	123	70	69	8	7.5	2	2.5
14	12GEM03320	NEI9004:N0803-B-039-B-B	107	55	67	8	7	2	3
15	12GEM03364	DKB844:N11b18-241-001-B-B	110	55	66	8	8	2	2
16	12GEM04974	CML287:S15-024-003-B	165	65	73	7.5	8	2.5	2
17	13GEM01387	(GEMN-0140/GEMN-0097)-B-B-029-B	100	45	58	8	5.5	2	4.5
18	13GEM01388	(GEMN-0140/GEMN-0097)-B-B-034-B	120	50	58	6	5	4	5
19	13GEM01389	(GEMN-0140/GEMN-0097)-B-B-047-B	95	45	59	8	7.5	2	2.5
20	13GEM01394	(GEMN-0156/GEMN-0174)-B-B-045-B	85	45	63	7.5	5	2.5	5
21	13GEM01395	(GEMN-0156/GEMN-0174)-B-B-053-B	105	70	64	7.5	7	2.5	3
22	13GEM01396	MDI022:N(PHG35)(LH39)-B-030-B	147	60	64	8	7	2	3
23	13GEM01399	NEI9008:N0826(GEMN-0155)-B-004-B	130	60	67	8	8	2	2
24	13GEM01404	NEI9008:N0826(GEMN-0155)-B-051-B	135	50	64	8	7	2	3
25	13GEM01406	NEI9008:N0826(GEMN-0155)-B-062-B	75	40	67	7.5	6	2.5	4
26	13GEM01408	NEI9008:N0826(GEMN-0155)-B-074-B	145	55	70	8	7.5	2	2.5
27	13GEM01412	NEI9008:N0826(GEMN-0155)-B-100-B	137	80	67	8	7.5	2	2.5
28	13GEM01420	(GEMS-0175/GEMS-0115)-B-B-003-B	135	65	67	7	5	3	5
29	13GEM01422	(GEMS-0175/GEMS-0115)-B-B-024-B	105	35	71	7	4	3	6
30	13GEM01423	(GEMS-0175/GEMS-0115)-B-B-026-B	125	55	69	7	5	3	5

31	13GEM01425	BR105:S1646-B-018-B	143	60	64	8	8	2	2
32	13GEM01426	BR105:S1646-B-036-B	123	60	60	8	8	2	2
33	13GEM01427	CUBA164:T26aS41-B-040-B	110	45	63	7.5	4.5	2.5	5.5
34	13GEM01428	CUBA164:T26aS41-B-041-B	120	50	62	8	7.5	2	2.5
35	13GEM01429	AR17056:S1217-B-001-B	135	65	60	6	3	4	7
36	13GEM01430	AR17056:S1217-B-025-B	185	105	60	6	4	4	6
37	13GEM01432	BR105:S1626(GEMS-0175)-B-012-B	170	90	64	8	8	2	2
38	13GEM01433	BR105:S1626(GEMS-0175)-B-014-B	155	85	64	8	7.5	2	2.5
39	13GEM01436	BR105:S1626(GEMS-0175)-B-032-B	165	95	64	7.5	7	2.5	3
40	13GEM01440	BR105:S1626(GEMS-0175)-B-049-B	150	90	63	8	8	2	2
41	13GEM01441	UR05017:S0409-054-001-B	125	50	60	6.5	3	3.5	7
42	13GEM01442	(GEMS-0147/GEMS-0115)-B-002-001-B	130	70	69	8	5.5	2	4.5
43	13GEM01443	(GEMS-0147/GEMS-0180)-B-033-001-B	145	75	65	7.5	5	2.5	5
44	13GEM01444	(GEMS-0147/GEMS-0180)-B-039-001-B	125	65	66	7.5	5.5	2.5	4.5
45	13GEM01445	(GEMS-0147/GEMS-0180)-B-104-001-B	150	60	65	7.5	5.5	2.5	4.5
46	13GEM01447	(GEMN-0117/DKXL212:N11a-139-001-001-B-B-B-B-B)-B-B-007-B	165	85	62	8	5	2	5
47	13GEM01448	(GEMN-0117/DKXL212:N11a-139-001-001-B-B-B-B-B)-B-B-013-B	137	60	58	7	5	3	5
48	13GEM01449	(GEMN-0117/DKXL212:N11a-139-001-001-B-B-B-B-B)-B-B-019-B	153	80	59	7.5	7	2.5	3
49	13GEM01455	MBRC10:N1730-B-095-B	165	85	58	6	cs senesce d	4	cs senesced
50	13GEM01459	MBRC10:N1730-B-128-B	160	93	56	7.5	6	2.5	4
51	13GEM01460	MBRC10:N1749b-B-016-B	145	75	56	6	2	4	8
52	13GEM01467	NS1:S0852-B-021-B	140	90	62	7.5	7	2.5	3
53	13GEM01471	NS1:S0852-B-053-B	165	90	58	8	7	2	3
54	13GEM01473	NS1:S0852-B-068-B	160	70	57	8	8	2	2
55	13GEM01476	DKXL212:S0950-B-021-B	150	75	60	8	6	2	4
56	13GEM01477	DKXL212:S0950-B-025-B	115	65	62	7.5	5	2.5	5
57	13GEM01483	DKXL212:S0950-B-072-B	120	60	64	8	5	2	5
58	13GEM01484	DKXL212:S0950-B-083-B	135	60	62	7	5	3	5
59	13GEM01485	BR105:S1643-015-001-B	130	60	60	6	3	4	7
60	13GEM01489	BR105:S1643-105-001-B	120	60	58	7	5	3	5
61	13GEM01494	BR105:S1643-161-001-B	130	75	64	8	6	2	4
62	13GEM01509	NEI9004:S2817c-124-001-B-B	123	70	63	6	3	4	7

63	13GEM01513	AR16042:S2028-B-012-B-B	155	80	58	7.5	6	2.5	4
64	13GEM01516	AR16042:S2030-B-022-B-B	145	60	58	7	2.5	3	7.5
65	13GEM01526	DKXL212:S0928-B-044-B-B	145	60	57	6.5	5.5	3.5	4.5
66	13GEM01531	(GEMS-0002/GEMS-0003)-B-B-046-B-B	135	70	58	7.5	8	2.5	2
67	13GEM01562	NEI9004:N0803-B-019-B-B	155	85	61	6.5	3	3.5	7
68	13GEM01566	CL-G1703:S17c43-B-012-B-B	155	87	58	5	2.5	5	7.5
69	13GEM01568	CL-G1703:S17c43-B-023-B-B	195	107	59	6	2	4	8
70	13GEM01569	CL-G1703:S17c43-B-026-B-B	170	95	58	7	7	3	3
71	13GEM01574	AR01150:N0402-B-026-B-B	130	75	57	8	7	2	3
72	13GEM01580	UR11003:S17h02-B-017-B-B	143	65	57	7	5.5	3	4.5
73	13GEM01595	AR03056:N0902-064-001-B-B	135	80	60	8	7	2	3
74	13GEM01596	AR03056:N0902-083-001-B-B	140	80	58	7	6	3	4
75	13GEM01610	BR105:N1643-B-020-B-B	175	87	61	8	8	2	2
76	13GEM01615	BR105:N1643-B-068-B-B	153	70	62	7	7	3	3
77	13GEM01616	UR13088:S0650-B-005-B-B	167	80	57	7	7	3	3
78	13GEM01618	UR13088:S0650-B-016-B-B	145	55	57	8	7	2	3
79	13GEM01656	BR51721(RN07):N20-B-017-002-B-B	223	140	58	8	8	2	2
80	13GEM01658	SE32(BR52051):N11c-015-004-B-B	193	120	65	8	8	2	2
81	13GEM01662	CML287:S15-027-001-B-B	205	125	64	6	4	4	6
82	13GEM01665	CL-G1607(CML420):N11-008-001-007-B-B	173	105	58	8	7	2	3
83	13GEM01666	CUBA164:D27-B-017-001-B-B-B	173	100	64	8	8	2	2
84	13GEM01668	CUBA173:S0446-B-030-B-B-B	155	75	62	5	2	5	8
85	13GEM01669	DK212T:N11a10-B-110-B-B-B	177	95	59	8	7	2	3
86	13GEM01674	DK888:S11b-037-018-008-B-B	185	95	64	8	8	2	2
87	13GEM01682	KO679Y	150	70	65	8	8	2	2
88	13GEM01683	MDI022:N21-B-002-003-B-B	135	80	64	8	6.5	2	3.5
89	13GEM01686	NEI9004:N0803-B-027-B-B-B	170	100	62	7	6.5	3	3.5
90	13GEM01687	NEI9004:N0803-B-053-B-B-B	150	85	60	7.5	6.5	2.5	3.5
91	13GEM01692	PASCO14:N11b-B-001-002-B-B	160	80	63	8	6	2	4
92	13GEM01694	SCR_Gp3:N14-028-003-B-002-B	185	120	64	8	8	2	2
93	13GEM01695	UR13085:S(N28)(CUBA117:S1520-156-1-B-B)-B-023-B-B-B	145	80	64	8	7	2	3
94	13GEM01751	FS8B(T):N1802-525-002-B wx	185	95	60	8	8	2	2
95	13GEM01753	FS8B(T):N11a-087-001 wx	167	85	58	7	4	3	6
96	13GEM01755	CHIS775:S1911b-120-001 wx	165	70	56	7	5.5	3	4.5

97	13GEM01757	DKB844:S1601-073-001 wx	185	95	61	7.5	7	2.5	3
98	13GEM01759	BR51721:N2012-098-002 wx	180	95	58	8	8	2	2
99	13GEM01761	BR51721:N2012-164-002 wx	147	75	58	8	5.5	2	4.5
100	13GEM01763	CUBA117:S1542-057-001 wx	170	70	57	8	5	2	5