

PPSN 2020-21

S. No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust	
			ACI	HS	South		North		ACI	HS
AVT			ACI	HS	ACI	HS	ACI	HS	ACI	HS
North Hill Zone (NHZ)										
1	NHRFZ 2001	VL2041	5.8	20S	5.6	30S	9.3	30S	10.7	40S
2	NHRFZ 2002	HS562 (C)	14.5	40S	10.5	60MS	23.6	60S	11.4	60S
3	NHRFZ 2003	HPW349 (C)	8.5	30MS	10.6	40S	11.1	20S	8.2	60S
4	NHRFZ 2004	HS507 (C)	3.5	10MS	5.1	30S	15	60S	7	40S
5	NHRFZ 2005	VL907 (C)	3.4	15MS	4.8	20S	6.4	20S	8	20S
North Western Plain Zone (NWPZ)										
6	NWTS 101	WH1105 (C)	9.5	30MS	7.8	20S	12.9	40S	16	40S
7	NWTS 102	DBW187 (C)	12	40S	9.5	60S*	5.9	30S	3.2	10S
8	NWTS 103	HD3349	13	40S	2.7	20MS	2.1	10S	5.2	40S
9	NWTS 104	PBW876 ^B	6.5	30S	4.0	30MS	4.3	20S	7.3	60S
10	NWTS 105	HD3406 ^M	27.3	80S	9.0	40S	3.9	20S	16	60S
11	NWTS 106	DBW222 (C)	23.9	60S	5.8	40S	5.1	30S	20.2	60S
12	NWTS 107	DBW313 [#]	12.4	40S	11.0	60S*	7.9	40S	12.9	40S
13	NWTS 108	HD2967 (C)	9	30S	5.8	40S	2.1	10S	35.6	60S
14	NWTS 109	PBW826	6.9	40MS	2.0	10S	12.3	40S	4.6	10MS
15	NWTS 110	RAJ4548 [#]	6.3	20S	3.8	20S	7.2	20S	3.5	30MR
16	NWTS 111	HD3354	15.3	40S	12.9	60S	5	20S	8.9	20S
17	NWTS 112	WH1283	10.8	40MS	3.8	20MS	7.1	30S	4.5	60MR
18	NWTS 113	HD3086 (C)	31.6	80S	19.6	60S	13.6	40S	8.7	40S
19	NWLS 201	JKW261	39.3	80S	8.3	40S	2.6	10MS	12.7	60S
20	NWLS 202	WH1124 (C)	5	20MS	12.9	40S	13.7	40S	43.6	60S
20A	Infector	Infector	75	100S	82.9	100S	75.7	100S	67	90S
21	NWLS 203	PBW771 (C)	5.1	20MS	5.8	20S	3.6	10S	7.4	30S
22	NWLS 204	HD3059 (C)	11	40MS	4.9	15MS	4	10S	26.3	60S
23	NWLS 205	PBW834	16.3	40S	8.6	40S	8.6	40S	10.6	20S
24	NWLS 206	DBW173 (C)	3.8	10MS	3.4	20S	0.7	5S	2.8	10S
25	NWRI 301	HUW838 ^{#*}	9.1	40S	5.8	40S	1.6	5S	5.9	20S
26	NWRI 302	NW7096	3.8	10S	11.0	40S	8	20S	14.1	60S
27	NWRI 303	DBW321	27.8	80S	18.0	60S	16.6	40S	7.7	60S
28	NWRI 304	K1910	6.1	40MR	5.4	30MS	4.6	10S	15.9	40S
29	NWRI 305	HI1654	2.5	10MS	1.1	10MR	0.7	5S	4.1	20S
30	NWRI 306	NIAW3170 (C)	3.6	10MS	3.5	10S	4.3	20S	19.5	40S
31	NWRI 307	PBW838	9.8	30S	6.7	20S	17.1	60S	6.7	40MS
32	NWRI 308	DBW296 [*]	3.8	20S	1.2	15MR	2.9	10S	2.4	20MR
33	NWRI 309	HI1628 (C)	8	30MS	6.7	20S	2.9	20S	7.3	20S
34	NWRI 310	HD3369	6.3	20S	1.8	5S	3.6	20S	8.2	30S
35	NWRI 311	WH1142 (C)	2.8	20MR	12.3	60S*	13.7	20S	6.7	20S
36	NWRI 312	UP3062	5.5	60MR	11.7	60S*	7.1	20S	3.6	20S
37	NWRI 313	HD3368	12.5	60S	6.6	40S	5.7	20S	2.2	10MS
38	NWRI 314	HD3043 (C)	5.8	20S	24.0	60S	22.6	60S	10.1	40S
39	NWRI 315	PBW644 (C)	18.3	60S	23.1	80S	12.9	30S	8.9	20S
40	NWRI 316	HI1653	13.5	60S	13.2	60S	5.9	20S	5.6	20S
40A	Infector	Infector	77.5	100S	82.9	100S	74.3	100S	67	90S
41	NWRI 317	PBW848	11.8	60S	11.7	30S	12.9	60S	17.5	60S
North Eastern Plain Zone (NEPZ)										
42	NETS 101	HD2733 (C)	4.8	10MS	16.9	30S	13.7	40S	40.6	60S
43	NETS 102	HD3249 (C)	9.1	40S	9.5	60S*	2.7	10S	7.3	30S
44	NETS 103	DBW187 (C)	6.2	20MS	6.7	30S	2.7	10S	4.7	20S
45	NETS 104	HD3406 ^M	22	60S	6.7	30S	0.9	5S	15.5	60S
46	NETS 105	HD3411 ^M	33.3	60S	14.5	30S	12.9	30S	11.6	40S
47	NETS 106	DBW39 (C)	2.8	10S	8.6	50S*	2.9	20S	21.6	60S
48	NETS 107	HD2967 (C)	4.5	20S	4.3	20MS	2.2	5S	28	60S
49	NETS 108	PBW826 [#]	4.5	20MS	15.6	80S	5.8	30S	5	20MS
50	NETS 109	HD3086 (C)	30.8	80S	21.3	60S	19.3	60S	9.5	40MS
51	NELS 201	DBW317	6.3	20MS	20.0	60S	15	40S	7	40S
52	NELS 202	DBW318	1.6	10MS	9.2	40S	4.3	20S	1.8	10S
53	NELS 203	PBW835	10.5	40MS	10.0	40S	3.4	15S	1	10S

54	NELS 204	HI1563 (C)	2.1	20MR	2.4	20MS	4.3	20S	39.8	80S
55	NELS 205	DBW107 (C)	2.1	10MS	10.6	60S	2.7	15S	13.4	60S
56	NELS 206	PBW834	13.8	60S	10.9	40S	5	20S	11.3	40S
57	NELS 207	UP3060	0.8	5MS	1.5	15MR	3.5	15S	2.1	10S
58	NELS 208	HD3118 (C)	24.9	60S	27.1	80S	24.3	60S	2.6	20S
59	NELS 209	HI1621 (C)	14.6	40S	17.7	60S	12.3	40S	2.9	20S
60	NELS 210	DBW316	5.1	20MS	3.5	20S	5.1	20S	1.6	10MS
60A	Infector	Infector	80	100S	77.1	100S	74.3	100S	67	90S
61	NELS 211	PBW833	28.5	60S	6.2	20S	2.3	10S	6.4	40S
62	NELS 212	HD3360	35.5	80S	21.5	60S	20	40S	5.9	20S
63	NERI 301	HI1653	16	40S	12.6	60S	7.9	20S	6.3	20S
64	NERI 302	DBW322	36.6	80S	21.3	80S	17.5	40S	15.2	40S
65	NERI 303	HI1612 (C)	22.8	60S	3.7	20MS	2.9	20S	12	40S
66	NERI 304	DBW252 (C)	16.5	40S	4.4	20MS	5.9	20S	10.1	20S
67	NERI 305	DBW321	26.3	80S	14.9	40S	16.7	40S	2.7	10S
68	NERI 306	HD3368 [#]	8.9	40MS	0.9	15MR	0.4	TS	3.3	10S
69	NERI 307	HI1654	5.3	20MS	3.1	15MS	2.9	15S	3.6	20S
70	NERI 308	HD3293(I) (C)	18.3	60S	10.6	20S	10	40S	8.2	40S
71	NERI 309	WH1281	12.3	40S	8.9	40MS	15.7	60S	9	30S
72	NERI 310	PBW848 [#]	8	30MS	12.3	30MS	7.9	20S	9.5	40S
73	NERI 311	HD3171 (C)	5.1	20MS	20.0	60S	14.3	60S	19.9	40S
74	NERI 312	HD3369 [#]	6.6	40S	3.2	40MR	6.1	40S	4.1	40MS
75	NERI 313	K1317 (C)	3.8	20MS	5.5	20MS	3	20S	8.1	40MS
76	NERI 314	UP3062	4.6	10MS	9.5	20S	7.5	20S	5.2	40MS
Central Zone (CZ)										
77	CZTS 101	HI8833(d) ^M	2.6	10MS	6.3	20S	2.9	10S	5.6	40S
78	CZTS 102	GW322 (C)	8.3	30S	7.3	20MS	8.6	20S	36	60S
79	CZTS 103	MP3535	3.1	20MS	4.9	20S	4.5	20S	44.7	60S
80	CZTS 104	GW523	9.3	60S*	4.0	20MS	5.1	20MS	37	60S
80A	Infector	Infector	82.5	100S	80.0	100S	72.9	100S	73	90S
81	CZTS 105	GW513*	3.3	10MS	3.2	20S	7.3	20S	52.5	80S
82	CZTS 106	HI1636*	3.3	10S	4.0	20MS	5.7	40S	40.8	60S
83	CZTS 107	HI8832(d) ^M	3.6	20S	4.5	20S	3.6	20MS	9.7	60S
84	CZTS 108	MACS6768	3.8	20MS	6.4	30S	4.1	20S	56	80S
85	CZTS 109	HI1544 (C)	5.3	30S	5.8	40MS	1.4	10S	53	80S
86	CZTS 110	HI1667 ^B	4.5	20S	4.1	30MS	1.6	10S	56	80S
87	CZTS 111	HI8498(d) (C)	13.3	30S	14.0	60S	0.9	5S	2.4	10MS
88	CZTS 112	HI8713(d) (C)	4.7	10S	6.8	20MS	1.4	10MS	6.4	40MS
89	CZTS 113	HI1650	2.8	10S	1.0	15MR	1.1	10MS	27.4	60S
90	CZLS 201	MP4010 (C)	5.1	20S	15.8	80S	0.7	50S	44	60S
91	CZLS 202	HD2864 (C)	5.8	30MS	4.1	20MS	5	20S	43.6	60S
92	CZLS 203	MP3336 (C)	5.8	20S	11.7	40S	12.6	40S	39	60S
93	CZLS 204	HD2932 (C)	8	20MS	24.9	40S	24.9	60S	40.8	60S
94	CZLS 205	HI1634(I) (C)	10.1	60S*	13.3	80S*	4	20S	35.6	60S
95	CZLS 206	HD3407 ^M	6	20MS	2.2	10MS	4	20S	1.6	10MS
96	CZLS 207	CG1029(I) (C)	2.8	10MS	0.5	5MR	16.7	60S	51.2	80S
97	CZRI 301	HI8823(d)*	3.5	15MS	0.9	10MR	2.1	5S	11.4	60S
98	CZRI 302	GW528	1.8	10MS	3.2	20S	9.4	60S*	38.8	60S
99	CZRI 303	DDW47(d) (C)	3.5	10S	7.7	30S	3.4	20S	3.8	15S
100	CZRI 304	DBW326	4.3	40MR	7.4	40S	2.1	5S	3.2	20MS
100A	Infector	Infector	77.5	100S	77.1	100S	77.1	100S	73	90S
101	CZRI 305	UAS475(d)	11.3	60S*	3.5	20MS	0.6	10MR	1.1	5MS
102	CZRI 306	HI8627(d) (C)	3.1	10MS	4.3	20S	0.5	5MR	9.1	60S
103	CZRI 307	NIAW3851	14.5	40S	4.1	20MS	0.4	5MR	10.8	40S
104	CZRI 308	HI8830(d)	2.5	10MS	2.4	10S	2.3	10S	8.7	40MS
105	CZRI 309	CG1036	1.8	10MS	1.5	15MR	4.1	15S	51.5	60S
106	CZRI 310	HI1655	1.3	10MS	1.0	10MR	0	0	25.3	60S
107	CZRI 311	DBW110 (C)	8.3	40MS	2.9	20MS	11.7	40S	24.8	60S
108	CZRI 312	MP3288 (C)	2.8	20MR	2.7	20MS	2.1	10S	26	60S
109	CZRI 313	DDW55(d)	7.8	20S	1.8	20MR	0.4	5MR	17.4	60S
Peninsular Zone (PZ)										
110	PZTS 101	WHD965(d)	4.1	20MS	1.9	10MS	0.9	5MS	2.9	20MR
111	PZTS 102	UAS428(d) (C)	4.5	20S	7.1	40MS	4.1	20MS	2	5S
112	PZTS 103	HI8826(d)	2.1	10MS	6.0	20S	0.8	5S	11.6	60S

113	PZTS 104	MACS4100(d)	6.5	20S	5.7	30MS	0.2	TS	8.8	60S
114	PZTS 105	MACS3949(d) (C)	7	20S	4.9	20S	0.5	5MR	2.7	20MR
115	PZTS 106	DDW53(d)	14	40S	5.3	20MS	1.2	10MS	2.5	20MR
116	PZTS 107	NIDW1345(d)	6.6	20MS	5.9	20S	3.9	10MS	3.1	20MR
117	PZTS 108	MACS6222 (C)	4.6	10MS	4.0	20MS	3.1	20S	18.7	60S
118	PZTS 109	MACS4106(d)	6	20MS	7.1	40MS	1.3	10MS	9.4	40S
119	PZTS 110	NIDW1348(d)	16.5	60S	5.3	20S	3	10S	9.7	40S
120	PZTS 111	HI8828(d)	3.1	10MS	2.5	20MR	0.9	5S	3.4	10S
120A	Infector	Infector	77.5	100S	80.0	100S	72.9	100S	67	90S
121	PZTS 112	GW322 (C)	9.3	40MS	5.7	20S	12.2	40S	36.4	60S
122	PZTS 113	HI8827(d)	3.8	10MS	6.3	20S	1.3	5S	9.6	40S
123	PZTS 114	DDW48(d)(I) (C)	13	40MS	3.9	10MS	3.1	15S	3.2	10S
124	PZLS 201	HD3090 (C)	4.8	10S	5.1	20S	3.3	15S	37.4	60S
125	PZLS 202	HI1633(I) (C)	1.9	10MS	1.0	15MR	0.2	TS	32.3	60S
126	PZLS 203	HD2932 (C)	14.3	60S	28.3	80S	18.6	60S	39.8	60S
127	PZLS 204	RAJ4083 (C)	6.3	30S	7.3	20MS	10.1	40S	20.8	60S
128	PZLS 205	DBW320	13.8	60S	15.7	80S	13.1	40S	8.9	40S
129	PZLS 206	MACS6774	14.5	40S	8.7	40S	8.9	40S	37.6	60S
130	PZLS 207	NWS2180 [#]	17.8	60S	5.7	20S	0.8	5S	11.2	40S
131	PZLS 208	HI1651	2.1	10MS	4.0	20S	3.6	10S	36.8	60S
132	PZRI 301	MP1358*	8.5	30MS	6.1	40S	1.7	10S	9.5	40S
133	PZRI 302	MACS6755	7.3	40MS	10.5	60MS	4.5	10S	36.8	60S
134	PZRI 303	HI1605 (C)	15.6	60S	20.3	80S	12.9	60S	17.4	40S
135	PZRI 304	MACS6753	4.5	40MR	2.7	20MS	8.4	20S	40.6	80S
136	PZRI 305	AKDW2997-16(d) (C)	21.8	60S	11.5	60S	4.1	20S	7.9	40S
137	PZRI 306	NIDW1149(d)(I) (C)	4.8	20MS	3.2	20MS	0.7	5S	0.7	10MR
138	PZRI 307	NIAW3170 (C)	5.7	20S	2.7	10MS	1.3	5S	20.3	60S
139	PZRI 308	UAS446(d) (C)	5.5	40MR	3.5	20MS	1.3	5S	1	10MR
140	PZRI 309	DBW325	22.8	60S	1.5	20MR	1.6	5S	5.8	20S
140A	Infector	Infector	80	100S	77.1	100S	72.9	100S	69	90S
141	PZRI 310	UAS3014	18.3	40S	6.3	30MS	5	10S	8.2	20S
SPL – Diccum										
142	SPL-DIC 101	MACS5058	4.5	20MS	1.5	10MS	4	20S	23.7	60S
143	SPL-DIC 102	MACS6222(a) (C)	3.2	10MS	4.3	20S	1.7	10S	16	60S
144	SPL-DIC 103	DDK1029 (C)	3.3	20MS	5.8	40S	2.7	10S	18.5	60S
145	SPL-DIC 104	DDK1061	5.6	20S	2.9	20S	5.7	20S	25.2	60S
146	SPL-DIC 105	HW1098 (C)	4.4	30S	1.2	10MS	1.5	10S	18.8	60S
147	SPL-DIC 106	MACS5057	9.1	40S	2.4	20MS	3	10S	31.7	60S
148	SPL-DIC 107	DDK1060	7.3	30S	2.9	20S	2.9	10S	19.6	60S
SPL – HYPT										
149	SPL-HYPT 101	DBW328*	12.2	40MS	5.5	20S	0.7	5S	6.1	40S
150	SPL-HYPT 102	DBW372	19.8	60S	11.7	60S*	2.9	10S	13.3	40S
151	SPL-HYPT 103	DBW370	36	80S	9.6	60S*	8.6	40S	6.3	20MS
152	SPL-HYPT 104	DBW327*	5.3	20MS	6.0	20MS	5.7	20S	10	60S
153	SPL-HYPT 105	WH1252*	12.5	20S	4.7	30MS	2.9	10S	6.8	60S*
154	SPL-HYPT 106	PBW874	23.3	60S	6.4	20S	2.4	10S	0.1	TS
155	SPL-HYPT 107	HD3410	6.8	20S	0.9	15MR	1.1	10MS	1.8	5S
156	SPL-HYPT 108	DBW332*	20	60S	7.4	40S	1.6	10S	7.1	20S
157	SPL-HYPT 109	PBW873	33.3	80S	15.8	80S	3.3	10S	5.1	40S
158	SPL-HYPT 110	DBW371	26.5	80S	11.5	60S	0.7	5S	8.2	60S*
159	SPL-HYPT 111	HD3086 (C)	37	80S	18.6	60S	18.6	60S	8.7	60S*
160	SPL-HYPT 112	DBW333*	25.5	80S	12.9	60S	4.3	15S	7.3	60S*
160A	Infector	Infector	80	100S	80.0	100S	72.9	100S	69	90S
161	SPL-HYPT 113	PBW872	9.7	40MS	4.0	30MS	5.1	20S	14.7	60S
162	SPL-HYPT 114	DBW187(I) (C)	8	20S	1.0	15MR	1.6	10S	5.9	40S
163	SPL-HYPT 115	WH1270(I) (C)	4.3	20S	0.9	15MR	2.9	20S	2.1	10MS
164	SPL-HYPT 116	DBW303(I) (C)	5.6	20MS	2.3	15MS	1.6	10S	4	20MS
SPL - CI – HYT										
165	HYT 201	HD3412	28.3	80S	14.4	60S	0.6	5MS	1.8	10MS
166	HYT 202	DBW375	22.5	60S	7.5	40S	1.4	10S	4.5	20MS
167	HYT 203	DBW374	25.5	80S	20.9	80S	2.1	10S	5.4	40S
168	HYT 204	HD3403	14.3	40S	14.6	30S	15.7	60S	12.1	40S
169	HYT 205	WH1406	8.1	40MS	7.3	40MS	5.8	20S	10.4	40S
170	HYT 206	HD3413	7.6	40MS	7.2	20S	4.3	20S	2	10S

171	HYT 207	PBW867	6.5	20S	0.9	15MR	0.2	TS	0	R
172	HYT 208	UP3096	7.1	20S	1.5	15MR	1	5S	11.4	40S
173	HYT 209	WH1404	3	10MS	8.3	40MS	3.9	10S	20	60S
174	HYT 210	PBW868	4.5	20MS	10.9	20S	5.1	10S	11.4	20S
175	HYT 211	DBW318	5.1	40MS	6.4	40S	0	0	2	10MS
176	HYT 212	DBW378	16	60S	8.9	60S	0	0	6.5	20MS
177	HYT 213	WH1405	15.7	40S	18.0	60S	3	10S	1.1	5MS
178	HYT 214	HD3405	10.7	40MS	8.6	30MS	3.1	10S	5.6	20S
179	HYT 215	DBW377	11.5	40MS	4.3	30S	2.9	20S	3.1	20MR
180	HYT 216	PBW869	13.5	40S	4.7	40MS	0	TR	4.8	40S
180A	Infector	Infector	77.5	100S	77.1	100S	72.9	100S	69	90S
181	HYT 217	PBW871	10.8	40MS	7.0	40S	6.1	20S	7.4	20MS
182	HYT 218	HD3086 (C)	35.5	80S	17.7	60S	13.1	40S	7.6	40S
183	HYT 219	DBW376	35	80S	17.7	60S	3	10S	2.3	10S
184	HYT 220	DBW373	20.9	60S	15.5	60S	13.6	60S	6.9	40S
185	HYT 221	HD3404	12.9	40MS	15.7	60S	5	20S	11.9	60S
186	HYT 222	DBW187(I) (C)	8.8	20S	5.3	40MS	0.8	5S	7.1	40S
187	HYT 223	WH1407	18.3	60S	4.6	50MR	4.3	20S	5.6	40S
188	HYT 224	PBW870	4.4	20MS	3.8	20MS	2.6	10MS	1.9	10S
189	HYT 225	UP3095	2.8	10MS	2.9	50MR	2.2	15S	28.7	60S
SPL – AST										
190	SPL-AST 101	DBW368	10.5	40MS	2.3	10MS	0	TR	8	40MS
191	SPL-AST 102	DBW363	17.6	60MS	8.6	40MS	0.7	5S	9.6	40S
192	SPL-AST 103	DBW369	17	40S	26.6	60S	6.4	40S	14.9	60S
193	SPL-AST 104	DBW367	13.3	60MS	25.5	80S	7.1	20S	26.8	60S
194	SPL-AST 105	DBW364	8.6	40MS	15.2	60S	5	15S	14.6	40S
195	SPL-AST 106	Kharchia 65 (C)	39	80S	54.0	80S	28.6	70S	65	80S
196	SPL-AST 107	DBW366	27.4	60S	18.3	80S	4.3	10S	8.9	60S
197	SPL-AST 108	KRL210 (C)	38.5	80S	24.6	80S	18	40S	6.9	60S*
198	SPL-AST 109	DBW365	27	80S	17.4	60S	5.7	40S	7.6	60S
199	SPL-AST 110	K1805	12	40S	9.5	40MS	0.7	5S	2.4	20MS
200	SPL-AST 111	KRL19 (C)	16.9	80S	31.3	80S	13.2	40S	42.6	60S
200A	Infector	Infector	80	100S	82.9	100S	75.7	100S	69	90S
NIVT										
NIVT – 1A										
1	N101	HD2967 (C)	7.3	20MS	8.3	40MS	5.9	20S	29.4	60S
2	N102	HD3389	12.2	40MS	4.9	30S	0	TR	0.6	5S
3	N103	DBW222 (C)	27.4	80S	5.3	20S	0.7	5S	13.8	40S
4	N104	PBW850	5.3	40MR	10.3	20S	1.4	5S	0.2	TS
5	N105	K2001	8.5	20S	2.9	50MR	0.7	5MS	11.6	40S
6	N106	RAJ4555	1.8	10MS	4.9	40MS	0.1	5R	11.1	20S
7	N107	DBW344	19.6	80S	11.9	60S	2.9	10S	8.5	60S*
8	N108	PBW853	13.8	30S	11.6	40MS	11.7	30S	2.4	10MS
9	N109	RAJ4556	3	10MS	9.3	20MS	4.9	10S	11.2	60S
10	N110	DBW342	1.5	10MS	2.9	20MS	0	0	9.9	60S
11	N111	UP3080	15.3	60S	5.8	40MS	3	20S	6.8	40MS
12	N112	UP3082	17.3	60S	9.8	40MS	3.6	20S	21.6	40S
13	N113	PBW852	8.8	40S	3.5	20MS	7.9	40S	7.6	20S
14	N114	DBW362	7.6	20MS	9.5	40S	6.6	20S	6.3	20S
15	N115	HD3386	4.5	20MS	3.9	20MS	3.6	20S	4.6	10S
16	N116	PBW851	2.1	20MR	2.7	10S	1.5	5S	1.5	5S
17	N117	DBW346	6.8	20MS	7.3	40S	1.4	5S	4	20S
18	N118	DBW187 (C)	9.4	20MS	5.9	40MS	1.4	10S	2.5	20MS
19	N119	DBW345	7.9	20S	3.5	20S	1.6	10S	3.4	10S
20	N120	WH1294	14.1	40S	3.5	20MS	2.1	10S	12	40S
20A	Infector	Infector	82.5	100S	82.9	100S	77.1	100S	67	90S
21	N121	HD3387	9	40MS	23.6	80S	3.5	10S	2.8	10S
22	N122	UP3083	5.3	20MS	4.0	20MS	2.1	10S	4.1	20S
23	N123	UP3081	12.9	40S	2.3	20MS	5.7	20S	11.3	60S
24	N124	NW8012	9.4	40S	13.2	60S	9.3	40S	13.5	40MS
25	N125	DBW343	6.6	40S	3.4	20MS	3.6	10S	5.9	40MS
26	N126	KRL1914	6.6	20S	9.1	30S	2.2	10S	2.3	10S
27	N127	HUW844	8	40MS	10.7	40S	3.7	20S	6.5	20S
28	N128	WH1293	3.8	10S	9.9	40S	3.6	20S	4.3	30S

29	N129	RAJ4557	15.5	40S	17.8	100S	3	20S	4.9	20S
30	N130	WH1292	11.6	40MS	1.8	15MS	0.8	5S	1.6	10MS
31	N131	JAUW691	7.4	20S	2.5	20MS	10	40S	8	20S
32	N132	HD3388	11.1	40MS	3.3	15MS	2.2	10S	2	10MS
33	N133	PBW849	14.8	40S	2.6	10MS	0	TR	0.2	5MR
34	N134	TAW123	28	80S	18.5	50S	3.9	10S	0	R
35	N135	HD3385	13.9	80S	1.5	10S	0.3	TS	3.8	15S
36	N136	HD3086 (C)	24	80S	11.2	60S	17.1	40S	7.9	60S
	NIVT – 1B									
37	N201	KRL1912	1.6	10MS	6.1	20MS	1.5	10S	2	10S
38	N202	K2005	12.3	40S	9.7	40S	4.3	20S	30.5	60S
39	N203	DBW347	20.3	60S	6.4	40MS	1.3	5S	10.7	40S
40	N204	RAJ4559	8.3	40MS	11.0	40MS	6.4	30S	12.2	40MS
40A	Infector	Infector	77.5	100S	74.3	100S	71.4	100S	69	90S
41	N205	NW8017	18	60S	7.2	40MS	10.1	30S	7.9	40MS
42	N206	TAW119	18	60S	6.6	20S	2.9	10S	1.2	10S
43	N207	DBW222 (C)	18.9	60S	3.7	20S	0.7	5S	10.6	40S
44	N208	NW8013	26.6	80S	0.7	10MR	1.4	10S	7.2	40MS
45	N209	K2003	5.5	20MS	2.1	10MS	3.6	20S	4.4	20MS
46	N210	UP3084	20.5	60S	5.9	40MS	2.9	20S	7.8	20S
47	N211	DBW349	10.5	20S	7.5	40MS	4.3	30S	3.9	20MS
48	N212	WH1295	14.5	60S	8.1	40S	1.7	10S	3.6	10S
49	N213	PBW856	13.3	40S	9.9	40S	3.1	20S	1.8	10S
50	N214	NW8019	3	10MS	6.4	40MS	6	20S	1.5	20MR
51	N215	HD3390	8	40MS	12.6	40S	4.3	20S	0.2	5R
52	N216	PBW854	4.4	60MR	2.4	20MR	0.3	5MR	0.9	10MR
53	N217	WH1296	26.5	60S	13.0	60S	5.7	20S	2.2	10MS
54	N218	JKW287	3.1	20S	6.7	40S	7.6	40S	13.9	40S
55	N219	HD2967 (C)	4.6	40MS	3.5	20MS	2.3	10S	16.2	40S
56	N220	RAJ4558	3.4	40MR	2.1	10MS	7.2	40S	21.1	60S
57	N221	PBW855	14.5	40MS	23.0	60S	5.5	20S	7.9	20S
58	N222	DBW187 (C)	6.3	20MS	8.7	40S	2	10MS	6.1	20S
59	N223	HD3417	6.1	20S	4.7	40MS	7.9	30S	12.2	40S
60	N224	HD3391	16.8	80S	13.1	60S	12.3	40S	14	40S
60A	Infector	Infector	80	100S	77.1	100S	78.6	100S	69	90S
61	N225	DBW348	15.1	80S	16.4	80S	20.1	50S	6.8	20MS
62	N226	BRW3902	13.3	60S	12.2	80S	2.9	10S	17.4	40S
63	N227	JKW282	14.6	60S	0.9	15MR	2.7	15S	5.1	20S
64	N228	HUW845	17.6	60S	9.7	60S	1.6	10S	12.9	40S
65	N229	DBW350	24	80S	9.7	40S	4.3	20S	5.9	40S
66	N230	HD3086 (C)	34	100S	13.0	60S	15	40S	12.7	60S
67	N231	BRW3895	6.7	40MS	14.3	60S	11.4	40S	26	60S
68	N232	AAI-W70	16.1	40S	6.1	40MS	1.6	10S	10.8	40S
69	N233	HD3416	21.8	80S	18.3	60S	13.6	40S	0.6	5S
70	N234	UP3085	11.5	40MS	5.5	40MS	0.7	5S	3.2	10MS
71	N235	HUW846	15	60S	12.8	40S	5.7	20S	11.7	40S
72	N236	K2004	13.8	80S	12.3	60S	8.1	30S	39.4	60S
	NIVT – 2									
73	N301	MACS6478 (C)	16.8	60S	11.0	40S	5.9	20S	41	80S
74	N302	HI1657	5.5	40MS	2.9	20S	1	5S	48	60S
75	N303	CG1038	8.9	40MS	4.1	20S	4.5	20S	43.2	60S
76	N304	MACS6786	3.3	10S	5.8	40MS	4.3	20S	25	60S
77	N305	WSM109-4	2.6	10MS	11.1	20MS	13.4	40S	45	60S
78	N306	MP1378	5.9	40MR	4.7	10MS	3.6	15S	40.6	60S
79	N307	HI1660	3.4	40MR	4.1	20S	5.4	20S	46.6	60S
80	N308	RVW4348	2.1	10S	1.0	15MR	8.1	30S	15	40S
80A	Infector	Infector	77.5	100S	77.1	100S	75.7	100S	71	90S
81	N309	NIAW3924	2.4	20MS	5.8	20S	2.9	15S	31.2	60S
82	N310	NWS2194	8.3	40MS	6.6	40S	2.7	10S	34.6	60S
83	N311	GW529	3.7	20MS	2.1	10MS	0.7	5S	28.4	60S
84	N312	GW533	6.3	20MS	3.0	20S	3.6	10S	48	80S
85	N313	MP3545	5	20S	4.1	10S	2.3	10S	6.8	20S
86	N314	MACS6789	7.8	40MS	5.2	20S	2.9	20S	18.8	60S
87	N315	HI1544 (C)	4.4	20S	4.1	20S	2.2	10S	46.6	80S

88	N316	DBW351	10.6	60S	5.9	40MS	3.4	20S	6.3	40S
89	N317	PWU6	9.3	60S*	5.8	20S	4.3	10S	45.1	60S
90	N318	RAJ4560	4.9	20MS	3.8	40MS	1.6	5S	9.8	60S
91	N319	UAS3016	18.2	60S	13.4	40S	7.1	40S	14.6	40S
92	N320	UP3086	18.6	60S	9.8	60S*	1.4	5S	17.7	40S
93	N321	MACS6785	4.9	20S	2.4	20MS	2.3	10S	25.3	60S
94	N322	DBW352	17.5	60S	7.9	40MS	2.9	10S	26.7	60S
95	N323	MACS6222 (C)	2.8	20MS	6.9	40MS	2.1	10MS	18	60S
96	N324	PBW857	9.3	60S*	5.2	40MS	1.4	10S	5.8	40S
97	N325	RVW4343	8.6	60MS	19.2	60S	6.4	20S	23.8	40S
98	N326	MP1379	12.1	60S	6.3	40MS	6	30S	8.7	40S
99	N327	HI1656	4.8	20S	4.8	40MS	3.3	20S	31.2	60S
100	N328	HI1658	8	40MS	3.0	20S	2.9	20S	54	80S
100A	Infector	Infector	82.5	100S	77.1	100S	74.3	100S	71	90S
101	N329	NIAW3950	1.1	20MR	2.9	20S	1.5	10S	38.6	80S
102	N330	MACS6792	6.1	20S	8.4	30S	4.3	20S	23.6	60S
103	N331	GW530	3	20MS	4.0	20S	3.5	10S	27.9	60S
104	N332	MP3552	9.6	40S	5.2	20MS	11	40S	14.7	40S
105	N333	GW322 (C)	9.9	40S	8.0	40MS	7.9	40S	30.5	60S
106	N334	HI1659	2.3	10S	4.1	20S	2.9	20S	36.8	60S
107	N335	WH1297	8.8	40MS	8.6	40S	2.1	10S	8.8	40S
108	N336	UAS3015	20	60S	5.6	40MS	1.2	10MS	11.8	60S
	NIVT – 3A									
109	N401	BRW3897	14	60S	2.9	15MS	0.3	5MR	22	60S
110	N402	NW8004	27.5	80S	8.7	60S*	0.4	5MR	13.5	40S
111	N403	PBW858	11.1	60S	3.5	20S	1.4	10S	2	10S
112	N404	RAJ4561	2.3	20MR	2.0	20MR	2.2	15S	18	40S
113	N405	K2007	9.6	40MS	12.9	20S	17.9	60S	13.5	40S
114	N406	HD3395	22.3	60S	13.0	80S*	6.5	40S	9.2	20S
115	N407	HD3394	7	40MS	5.7	40MS	1.7	10S	12.8	40S
116	N408	UP3087	11.6	40MS	5.9	40S	1.6	10S	9.8	60S
117	N409	UP3089	3.8	20MS	10.6	40MS	3.1	20S	26	60S
118	N410	PBW875	18.3	40S	9.7	40S	0.6	5MS	8.1	20MS
119	N411	DBW357	20.8	60S	10.6	60S	20	60S	13.8	60S
120	N412	DBW173 (C)	5.4	20S	7.3	40S	1.6	10S	8	40S
120A	Infector	Infector	75	100S	77.1	100S	71.4	100S	69	90S
121	N413	DBW353	11.5	40S	12.3	60S	6.6	20S	8.9	40S
122	N414	JKW285	12.6	40S	5.8	40MS	3.7	20S	9.1	20S
123	N415	UP3094	15	40S	11.5	60S	1	5S	10.3	40S
124	N416	WH1298	21.1	60S	7.5	40S	7.4	20S	4.8	40S
125	N417	DBW355	15.3	40S	18.9	60S	1.4	10S	8.4	40S
126	N418	NW8022	19.4	60S	6.1	40MS	2.3	15S	7.6	40S
127	N419	RAJ4562	3.6	20S	6.9	20S	2.3	10S	15.5	40S
128	N420	PBW861	3.8	20MS	8.0	60MS	2.9	20S	1.5	20MR
129	N421	WH1300	9	40S	25.7	60S	8.7	40S	6.1	40S
130	N422	DBW356	14.8	60S	10.7	40S	4.4	20S	3.2	20MS
131	N423	PBW862	13.4	40S	4.7	20S	1.4	10S	6.5	20S
132	N424	DBW107 (C)	7.1	20S	10.3	40S	0	0	11.7	40S
133	N425	PBW859	19.3	60S	5.9	40S	1.6	10S	7.1	20S
134	N426	HD3392	14.8	60S	16.9	80S	3.2	20S	1.5	10S
135	N427	PBW860	20	60S	19.6	80S	2.9	20S	1.1	5S
136	N428	HUW847	14.3	60S	12.1	60S	2.9	20S	27.4	60S
137	N429	RAJ4563	4.1	20MS	5.6	20S	0.1	TS	11	40S
138	N430	DBW354	1.4	10S	0.9	15MR	1.5	5S	4.1	20MS
139	N431	HD3396	17.5	40S	16.0	60S	16.3	40S	9	40S
140	N432	HI1563 (C)	3.1	10S	7.2	40S	2.3	15S	34.3	60S
140A	Infector	Infector	75	100S	77.1	100S	71.4	100S	71	90S
141	N433	HD3393	23.4	60S	7.8	40S	9.5	60S	8.8	40S
142	N434	UP3088	9.8	40MS	2.9	20S	0	TR	15.5	40S
143	N435	HD3059 (C)	6.3	20S	3.7	20S	0.1	TS	22.1	60S
144	N436	WH1299	18.8	60S	4.0	20S	0	0	18.9	40S
	NIVT – 3B									
145	N501	LOK78	3.9	10S	0.9	15MR	3.4	15S	28.2	60S
146	N502	PBW863	3.4	40MR	2.0	10MS	2.3	10S	1.4	10MS

147	N503	GW531	1.4	10MS	0.9	15MR	4	20S	37.8	60S
148	N504	MACS6793	2.3	10MS	2.6	10MS	4.3	30S	46.5	60S
149	N505	HD2864 (C)	3.5	20S	2.3	20MS	4.4	30S	48	60S
150	N506	MP3541	2.3	10MS	6.7	20S	4.3	20S	43	60S
151	N507	MP3542	7.1	20S	7.1	40S	2.3	10S	10.6	40S
152	N508	UAS3018	10.6	20S	2.9	20S	2.1	10S	28.6	60S
153	N509	MACS6784	1.5	10MR	5.8	20S	1.5	5S	12.6	60S
154	N510	HI1664	3.8	20MS	6.9	40MS	1.6	5S	12.2	60S
155	N511	DBW354	3.5	10S	2.4	20MS	1.7	10S	10.9	60S
156	N512	HI1661	2.3	10MS	8.9	50MS	3.9	15S	47.6	80S
157	N513	AKAW5349	3.3	10MS	9.2	40S	4.1	20S	49	80S
158	N514	UAS3017	15.1	40S	10.2	40S	11.1	40S	28.6	60S
159	N515	NIAW4028	3.5	10MS	1.4	20MR	9.1	60S*	46	80S
160	N516	GW534	6.3	20S	5.2	40MS	3	10S	58	80S
160A	Infector	Infector	80	100S	77.1	100S	78.6	100S	75	80S
161	N517	HI1663	5.5	20S	5.8	40S	4.5	20S	34.6	60S
162	N518	MACS6779	3.5	40MR	7.2	40S	2.1	15S	18.8	60S
163	N519	WH1401	13.1	40S	20.0	60S	9.3	40S	13.2	60S
164	N520	HI1662	5.8	20S	7.2	40MS	4.4	20S	39	80S
165	N521	CG1039	9.6	40MS	34.9	100S	32.1	60S	46.6	80S
166	N522	NIAW3923	2.6	10MS	5.7	20S	12.9	60S	40.6	60S
167	N523	MP1380	6.7	40S	4.9	20MS	2.9	20S	17.6	60S
168	N524	HD2932 (C)	9.5	40MS	24.6	80S	31.4	60S	35.6	60S
169	N525	GW535	8.1	20S	11.0	40S	16.5	60S	28.8	60S
	NIVT – 4									
170	N601	MACS3949 (C)	9.1	40S	5.2	20S	1.3	5S	1.8	5S
171	N602	HI8835	3.7	20MS	2.9	20MS	0.7	10MR	1.7	5S
172	N603	DDW57	4.1	20MS	3.2	20MR	2.1	10S	1	5MS
173	N604	PDW361	11.5	20S	8.6	40MS	2.4	20MR	1.5	5S
174	N605	MACS4111	9.1	20S	5.2	20MS	1.7	5S	2	5S
175	N606	GW1357	6.3	20S	3.7	20MS	0.4	5MR	1.1	5MS
176	N607	HI8737 (C)	2.3	10MS	3.7	20MS	1.1	5S	4.9	10S
177	N608	HI8713 (C)	3.8	10S	1.5	15MR	2	5S	8	20S
178	N609	MPO1383	2.6	10S	4.1	20S	3.3	10MS	1.9	5S
179	N610	MPO1382	11.5	40MS	2.1	10MS	0.5	5MR	1.8	5S
180	N611	NIDW1399	6.3	20S	2.5	20MS	7.3	50S*	3.9	15S
180A	Infector	Infector	77.5	100S	80.0	100S	77.1	100S	71	90S
181	N612	NIDW1405	4.3	20MS	5.2	40MS	8.7	60S*	3.3	10S
182	N613	PWU10	0.8	5MS	2.1	20MR	2.1	10S	2.6	10S
183	N614	UAS476	1.2	10MS	3.5	20MS	1.5	10S	3.9	20S
184	N615	MPO1381	4.9	20S	4.2	20S	2.9	10S	0.9	10MR
185	N616	UAS477	11.2	40S	6.1	20S	2.4	10S	3.2	10S
186	N617	WHD966	18.6	80S	3.8	20S	3.6	10S	2.2	5S
187	N618	MACS4110	2.2	10S	2.3	20MR	3	20S	8.9	40S
188	N619	HI8838	5.8	20MS	3.8	20S	0.7	5S	5.1	10S
189	N620	HI8837	7	20S	7.5	40S	0.7	5S	3.3	10S
190	N621	GW1358	11.3	60S	5.8	40MS	2	20MR	0.6	10MR
191	N622	PBND1625-01	1.7	10MS	4.7	20MS	5.6	20S	2.3	10S
192	N623	HI8834	8.4	20S	1.5	5MS	1	5S	3.8	20MS
193	N624	HI8836	2.3	10MS	1.8	20MR	0.7	5S	2.4	20MS
194	N625	DDW56	15.8	80S	4.1	15MS	2.1	10S	4.9	20MS
	NIVT – 5A									
195	N701	HD3398	18.1	60S	9.8	40MS	2.1	10S	10.9	40S
196	N702	HI1612 (C)	28.1	80S	8.3	40S	0.7	5S	9.6	60S
197	N703	DBW358	7.3	20S	20.6	80S	11.4	40S	10.7	40S
198	N704	WH1402	4.6	20MS	3.7	20MR	0.7	5S	1.4	10MS
199	N705	PBW864	5	40MR	8.7	40MS	17.1	60S	0.5	5MS
200	N706	K1317 (C)	6.9	60MR	6.1	40MS	2.9	10S	7.4	40S
200A	Infector	Infector	80	100S	77.1	100S	72.9	100S	69	90S
201	N707	DBW359	11.1	40MS	22.4	80S	9.7	50S	3.4	20MS
202	N708	PBW866	10.1	30S	4.7	40MS	2.4	15S	13.7	40S
203	N709	HUW848	14.1	60S	14.7	80S	7.1	20S	14.5	60S
204	N710	PBW865	22.9	60S	10.9	40MS	2.6	15S	0.3	5MR
205	N711	DBW360	12.1	40S	11.5	60S	2.5	10S	6.1	40S

206	N712	BRW3901	6	20S	6.9	40S	2.7	10S	18.4	40S
207	N713	UP3090	15.4	40S	2.4	20MS	5.6	30S	14.9	40S
208	N714	HD3418	12.8	60S	1.5	15MR	6.3	40S	3	20MS
209	N715	DBW361	6.6	40S	2.4	20MS	1	5S	1.9	20MR
210	N716	JAUW694	3.5	10MS	3.2	20MS	1.4	10S	0.8	20MR
211	N717	HD3400	5.1	20MS	3.8	20MS	2.9	10S	2.4	20MR
212	N718	K2010	7.4	30MS	8.1	40MS	3.7	15S	8.7	40S
213	N719	PBW644 (C)	8.5	40MS	5.0	20MS	3.6	20S	13	40S
214	N720	UP3091	3	20MS	9.2	60S*	1.4	5S	10.6	40S
215	N721	WH1403	5.3	40MR	3.5	10S	2.1	10S	0.3	5MR
216	N722	HD3399	19.3	60S	4.9	40MS	1.4	5S	17	40S
217	N723	WH1142 (C)	4.6	40MR	9.8	40S	4.3	15S	6	40S
218	N724	NW8010	18	60S	2.9	20S	0.9	5S	5	20MS
219	N725	HD3397	5	20MS	3.6	20S	3.6	15S	15.8	40S
	NIVT – 5B									
220	N801	UAS478(d)	11	40S	3.8	20MS	8.6	30S	3.1	10S
220A	Infector	Infector	77.5	100S	80.0	100S	74.3	100S	73	90S
221	N802	HI1666	2.2	10MS	6.9	40MS	5	20S	41	80S
222	N803	DBW358	5.6	20MS	18.2	60S	8.5	20S	10.4	40S
223	N804	MPO1376(d)	2.8	10S	4.1	20S	2.7	10S	2.2	10MS
224	N805	DDW58(d)	14.1	60S	1.1	15MR	0.7	5S	2	5S
225	N806	GW532	1.8	10MS	1.5	15MR	2.9	10S	25.4	60S
226	N807	MACS6795	6.9	20S	0.6	10MR	10	40S	45.6	80S
227	N808	CG1040	11.3	40S	8.0	20S	9.9	40S	26.3	60S
228	N809	AKAW5351	10.7	40S	8.1	20S	13.4	60S	24	60S
229	N810	HI8839(d)	1.6	20MR	3.7	20MS	5.8	30S	1.9	10MS
230	N811	MACS4107(d)	6.5	20S	3.8	20MS	4.1	20S	19.4	40S
231	N812	DBW359	9	40MS	4.6	20S	1.6	10S	3.7	20MS
232	N813	MP1377	11.4	40MS	15.5	60S	7.2	40S	22.6	60S
233	N814	MP3544	4.8	10S	11.5	40MS	16.3	60S	23.8	60S
234	N815	UAS446(d) (C)	6.1	20S	3.8	20MS	2.7	10S	2.4	20MS
235	N816	NIAW3922	1.8	20MR	5.8	40MS	0.9	5MS	20.8	40S
236	N817	DBW110 (C)	6.5	30MS	3.5	20MS	1.4	5S	19.6	60S
237	N818	HI1665	1.6	10MS	3.5	10S	1.5	10S	41.8	80S
238	N819	NIAW4028	2.6	10MS	0.9	15MR	5.9	20S	43	80S
239	N820	HI1605 (C)	3.9	20MS	10.9	60S	15.7	40S	10	40S
240	N821	HI8840(d)	3	10S	5.2	20MS	4	20S	7.3	40S
240A	Infector	Infector	77.5	100S	74.3	100S	74.3	100S	71	90S
241	N822	UAS3019	17.5	80S	9.0	40MS	8.7	40S	16	40S
242	N823	HD3401	6.6	20MS	6.3	40S	5.7	30S	21.4	60S
243	N824	GW1359(d)	5	20MS	20.9	80S	11.1	60S	37.6	80S
244	N825	HI8627(d) (C)	0.8	10MR	2.9	10MS	3	10S	4.8	20MS
	IVT - NHZ									
245	NHLSZ 2001	HS685	2.1	10MS	1.7	10MS	0.7	5S	2.5	10MS
246	NHLSZ 2002	UP3093	17.4	60S	6.9	40MS	0.9	5S	5.6	20MS
247	NHLSZ 2003	VL3026	13	40S	7.0	60MS	2.1	10S	5.9	40S
248	NHLSZ 2004	HPW481	4.1	40MR	5.8	40MS	1.4	10S	2.7	20MS
249	NHLSZ 2005	HPW480	7.9	20S	6.9	40MS	0.7	5S	2.1	10S
250	NHLSZ 2006	HS686	0.6	5MR	7.2	40MS	0	TR	6.7	20S
251	NHLSZ 2007	VL3027	11.5	40S	4.7	40MS	5	30S	7.2	20S
252	NHLSZ 2008	VL892 (C)	3.8	20MS	9.2	40S	2.3	10S	15	40S
253	NHLSZ 2009	HS687	2.5	20MR	9.6	40MS	0.1	TS	12.3	60S
254	NHLSZ 2010	VL3025	7	20MS	4.6	20MS	0.7	5S	8.9	60S
255	NHLSZ 2011	HS490 (C)	11.8	40S	4.1	20S	3.6	20S	6.4	20MS
256	NHIVT 2001	HS683	0.1	TR	5.5	20MS	0.1	TS	7.3	40S
257	NHIVT 2002	HPW479	6	20S	4.6	40MS	7.4	40S	4.7	20MS
258	NHIVT 2003	HS507 (C)	1.2	5MS	4.9	20S	6.4	30S	9.6	40S
259	NHIVT 2004	HS682	9.3	40S	9.9	30S	11	30S	7.9	40S
260	NHIVT 2005	HPW476	7	20S	3.0	20S	0.9	5S	5.8	20S
260A	Infector	Infector	80	100S	80.0	100S	78.6	100S	69	90S
261	NHIVT 2006	HS562 (C)	30.3	80S	8.7	40S	9	40MS	14.6	60S
262	NHIVT 2007	HPW477	13.3	60S	13.9	60S	3.6	20S	11.7	60S
263	NHIVT 2008	HPW478	2.1	20MR	6.4	40MS	6.5	20S	7.2	40S
264	NHIVT 2009	HD3402	7.1	40MS	12.3	60S	8.9	40S	4.2	40S

265	NHIVT 2010	VL2044	11.3	40S	7.2	40MS	0.9	5S	1.5	10S
266	NHIVT 2011	SKW358	12.5	40S	13.2	40S	3.7	15S	5.8	20S
267	NHIVT 2012	HS684	2.6	10MS	3.5	20S	3.6	20S	5.9	40S
268	NHIVT 2013	VL2045	7.1	40S	8.0	40S	1.6	5S	6.5	20S
269	NHIVT 2014	UP3092	5.2	20S	4.7	40MS	10	30S	9.3	40S
270	NHIVT 2015	VL2043	8	20MS	13.8	40S	8.6	40S	0.7	10MR
271	NHIVT 2016	VL2046	3.3	20S	4.7	40MS	1.6	10S	3.9	20S

Abbreviations: ACI = Average Coefficient of Infection, HS = Highest Score, Avg. = Mean, NS = No seed, NG = No germination, *Indicates high rust score (more than 40S) at one location only.