

**PPSN DATA (2019-20)**

AVT No.	Entry code	Entry	Stem rust		Leaf rust (South)		Leaf rust (North)		Yellow rust	
			ACI	HS	ACI	HS	ACI	HS	ACI	HS
<b>I. North Hill Zone (NHZ)</b>										
1	NHTSZ-1901	HS 507 (C)	0.8	10MR	3.7	20MS	7.5	30S	5.0	10S
2	NHTSZ-1902	HS 562 (C)	29.1	80S	4.5	20S	7.4	30S	15.5	60S
3	NHTSZ-1903	HPW 349 (C)	24.1	60S	7.4	40MS	5.2	30S	11.8	40S
4	NHTSZ-1904	HS 668	4.5	10MS	11.4	60S*	5.2	40S	27.4	60S
5	NHTSZ-1905	VL 907 (C)	0.6	5MR	4.8	20S	8.2	20S	22.4	60S
6	NHTSZ-1906	VL 2036	6.8	30MS	3.7	15MS	5.4	20S	15.2	40S
7	NHLSZ-1901	HS 681	0.8	5MR	0.4	5MR	6.9	20S	4.4	10S
8	NHLSZ-1902	VL 3022	16.2	40S	3.0	10MS	6.9	20S	9.0	40S
9	NHLSZ-1903	HS 680	22.8	40S	2.0	15MS	2.9	10S	6.3	20S
10	NHLSZ-1904	VL 3023	2.6	10MS	14.7	40S	22.8	40S	17.7	60S
11	NHLSZ-1905	HPW 474	20.4	60S	4.1	20MS	5.7	20S	20.0	80S
12	NHLSZ-1906	UP 3069	25.0	40S	12.5	40S	7.4	20MS	14.5	40S
13	NHLSZ-1907	HPW 473	50.5	100S	28.5	80S	10.6	50S	21.2	60S
14	NHLSZ-1908	VL 892 (C)	9.6	60S*	5.2	20S	6.8	20S	26.4	80S
15	NHLSZ-1909	VL 3024	6.9	40S	7.1	40S	7.0	20S	3.8	20S
16	NHLSZ-1910	HS 490 (C)	17.6	40S	11.4	60S	4.7	10S	15.7	60S
17	NHLSZ-1911	HS 679	0.6	5MR	2.8	20S	8.5	20S	7.5	40S
<b>II. North Western Plain Zone (NWPZ)</b>										
18	NW-TS-101	DBW88 (C)	11.5	40S	3.4	10MS	8.9	20S	21.8	60S
19	NW-TS-102	DBW187(I) (C)	7.8	20S	6.0	30MS	4.9	20S	6.7	15S
20	NW-TS-103	HD2967 (C)	7.6	40S	4.1	20MS	13.9	40S	37.6	80S
<b>20A</b>	<b>INFECTOR</b>		<b>85.0</b>	<b>100S</b>	<b>87.5</b>	<b>100S</b>	<b>73.8</b>	<b>100S</b>	<b>74.5</b>	<b>100S</b>
21	NW-TS-104	WH1105 (C)	26.0	80S	15.9	80S	15.5	40S	9.4	30S
22	NW-TS-105	DBW222(I) (C)	22.9	60S	4.0	20S	3.9	15S	14.2	60S
23	NW-TS-106	HD3086 (C)	31.0	60S	19.5	80S	22.5	50S	14.3	60S
24	NW-TS-107	PBW840M	7.3	20MS	4.9	10MS	5.6	20S	26.0	60S
25	NW-TS-108	PBW803	26.8	60S	14.3	60S	5.0	20S	16.1	60S
26	NW-TS-109	PBW550 (C)	1.6	5MS	4.3	20MS	8.9	20MS	39.5	80S
27	NW-LS-201	HD3334	2.1	5MS	6.9	40MS	3.8	15S	6.5	20MS
28	NW-LS-202	HD3059 (C)	6.4	20MS	4.0	10S	3.3	10S	15.3	60S
29	NW-LS-203	HD3332	28.5	40S	15.1	60S	17.5	40S	17.1	40S
30	NW-LS-204	DBW173 (C)	1.1	5MS	5.5	40MS	4.8	20S	11.5	40S
31	NW-LS-205	WH1021 (C)	4.2	20MS	19.5	60S	9.9	40S	41.8	80S
32	NW-LS-206	PBW811	18.8	40S	18.5	60S	6.5	20S	11.8	40S
33	NW-LS-207	DBW291	17.3	60S	10.4	40S	15.1	40S	6.5	40S
34	NW-LS-208	WH1264	23.5	40S	16.4	60S	3.9	15S	17.7	40S
35	NW-LS-209	PBW812	30.3	60S	11.1	40S	8.6	30S	12.6	40S
36	NW-LS-210	JKW261	36.8	60S	9.3	30S	1.3	5S	7.7	20MS
37	NW-LS-211	DBW290	22.3	80S	13.7	60S	6.6	20S	17.2	60S
38	NW-LS-212	PBW771(I) (C)	6.6	20MS	2.2	5S	3.4	10S	11.3	40S
39	NW-LS-213	PBW813	42.5	100S	14.6	60S	1.3	5S	0.5	5S
40	NW-LS-214	HD3331	19.4	60S	17.3	60S	8.6	20S	6.3	40S
<b>40A</b>	<b>INFECTOR</b>		<b>80.0</b>	<b>100S</b>	<b>87.5</b>	<b>100S</b>	<b>76.3</b>	<b>100S</b>	<b>75.5</b>	<b>100S</b>
41	NW-LS-215	HD3298*	19.5	60S	5.6	20S	13.3	20S	17.3	60S
42	NW-LS-216	WH1124 (C)	39.0	80S	19.0	80S	17.0	40S	20.9	60S
43	NW-LS-217	UP3033	0.6	10R	2.4	10S	3.0	10S	21.4	60S
44	NW-RI-301	HUW838	2.4	10MS	2.6	15MS	8.1	50S	11.1	40S
45	NW-RI-302	HD3043 (C)	5.6	20MS	39.5	80S	41.9	80S	18.2	60S
46	NW-RI-303	PBW644 (C)	18.0	40S	17.8	60S	17.6	60S	33.2	60S
47	NW-RI-304	DBW296	4.4	10MS	5.4	20S	5.8	15S	10.3	40S
48	NW-RI-305	HI1628(I) (C)	6.0	20MS	8.5	40S	3.8	15S	18.4	40S
49	NW-RI-306	WH1080 (C)	15.9	40S	8.0	40S	11.2	40S	19.5	40S

AVT No.	Entry code	Entry	Stem rust		Leaf rust (South)		Leaf rust (North)		Yellow rust	
			ACI	HS	ACI	HS	ACI	HS	ACI	HS
50	NW-RI-307	JAUW672	18.5	40S	9.8	20S	13.0	60S	8.1	20S
51	NW-RI-308	WH1142 (C)	3.8	10MS	16.0	60S	9.3	50S	19.3	60S
52	NW-RI-309	NIAW3170(I) (C)	7.0	20MS	6.0	30S	1.5	5S	28.6	60S
<b>III. North Eastern Plain Zone (NEPZ)</b>										
53	NE-IR-TS-101	PBW804	4.6	10MS	4.2	20MS	1.4	5S	8.5	20S
54	NE-IR-TS-102	DBW187 (C)	6.5	20S	6.3	40S	3.4	20MS	2.6	10S
55	NE-IR-TS-103	K1006 (C)	10.8	40S	16.0	40S	12.0	50S	23.6	60S
56	NE-IR-TS-104	DBW39 (C)	0.8	10MR	0.6	10MR	4.3	10S	32.3	60S
57	NE-IR-TS-105	HD3249(I) (C)	3.3	10MS	9.4	60S	3.1	10S	8.0	20MS
58	NE-IR-TS-106	HD2733 (C)	2.2	10S	11.6	40S	22.5	50S	49.1	80S
59	NE-RI-TS-301	HD3171 (C)	20.8	40S	31.3	80S	40.0	70S	18.6	60S
60	NE-RI-TS-302	HD2888 (C)	2.5	20MS	1.3	10MS	16.0	60S	27.6	80S
<b>60A</b>	<b>INFECTOR</b>		<b>77.5</b>	<b>100S</b>	<b>80.0</b>	<b>100S</b>	<b>73.8</b>	<b>100S</b>	<b>75.5</b>	<b>100S</b>
61	NE-RI-TS-303	HD3293*	25.4	60S	19.8	60S	21.4	40S	7.0	20MS
62	NE-RI-TS-304	K1317 (C)	12.3	40S	18.0	40S	6.0	20S	11.5	40S
63	NE-RI-TS-305	HI1612 (C)	41.0	80S	4.8	20S	3.0	10S	20.8	60S
64	NE-RI-TS-306	DBW252(I) (C)	7.4	20S	7.3	40S	8.1	20S	7.5	20S
<b>IV. Central Zone (CZ)</b>										
65	CZ-TS-101	TAW155	6.9	20MS	5.1	40S	2.8	20S	5.9	20MS
66	CZ-TS-102	HI1636	0.5	5MR	8.0	60S*	1.9	10MS	56.4	80S
67	CZ-TS-103	MP1361	4.3	40MR	5.2	30S	1.4	5S	9.3	20S
68	CZ-TS-104	MACS6747	7.3	20MS	8.9	60S*	1.3	5S	43.2	80S
69	CZ-TS-105	HD3377	3.1	20S	1.0	5MS	6.8	15S	16.3	60S
70	CZ-TS-106	HI1637	1.8	10S	8.0	60S*	11.3	40S	50.5	80S
71	CZ-TS-107	RAJ4541	2.6	20MR	4.3	20S	2.9	10S	31.2	80S
72	CZ-TS-108	GW513	2.3	5MS	8.8	60S	5.8	20S	61.8	80S
73	CZ-TS-109	GW322	15.8	40S	14.6	80S	22.4	50S	45.5	80S
74	CZ-TS-110	HI1544	2.8	10S	5.1	40S	3.6	10S	54.1	80S
75	CZ-LS-201	HI1634*	0.3	5MR	3.1	20S	5.6	20S	49.5	80S
76	CZ-LS-202	HD2932	11.3	20S	38.8	80S	35.0	70S	51.4	80S
77	CZ-LS-203	MP3336	9.4	30MS	26.5	80S	28.8	50S	51.8	80S
78	CZ-LS-204	HD2864	2.5	10S	7.6	60S*	5.6	20MS	57.7	80S
79	CZ-LS-205	CG1029*	4.2	10MS	2.7	20MS	5.0	20S	62.7	80S
80	CZ-RI-301	MPO1357(d)	2.5	20MR	1.1	15MR	1.4	10S	5.3	20MS
<b>80A</b>	<b>INFECTOR</b>		<b>75.0</b>	<b>100S</b>	<b>80.0</b>	<b>100S</b>	<b>76.3</b>	<b>100S</b>	<b>77.3</b>	<b>100S</b>
81	CZ-RI-302	HI8627(d)	2.2	40MR	1.6	5MS	2.6	10S	5.3	20MS
82	CZ-RI-303	UAS466(d)(I)	2.9	10S	4.8	30S	3.4	15S	4.7	20MS
83	CZ-RI-304	UAS472(d)	1.0	5MS	1.6	20MR	4.9	10S	6.6	20MS
84	CZ-RI-305	DBW110	10.0	20S	10.3	40S	9.1	20S	34.5	80S
85	CZ-RI-306	MP3288	5.9	20S	7.7	40S	8.4	40S	29.6	80S
86	CZ-RI-307	HI 8823(d)	1.2	5MS	2.3	10S	6.6	30S	7.1	20MS
87	CZ-RI-308	DDW47(d)(I)	1.9	5MS	1.2	10MR	5.8	20S	2.1	20MS
<b>IV. Peninsular Zone (PZ)</b>										
88	PZ-TS-101	WHD964(d)	26.0	100S	8.7	40S	1.4	10MS	6.9	40S
89	PZ-TS-102	DDW48(d) *	18.1	100S*	5.6	20MS	6.6	40S	8.7	40S
90	PZ-TS-103	MACS6222 (C)	5.0	10S	7.2	40S	2.0	10S	28.3	80S
91	PZ-TS-104	MACS3949(d) (C)	9.8	40S	6.1	20MS	1.8	10MS	2.5	20S
92	PZ-TS-105	HI8818(d)	1.1	5MR	2.7	20MS	1.9	10S	3.4	20MS
93	PZ-TS-106	UAS428(d) (C)	15.0	80S	8.8	40S	2.1	10S	3.5	20MS
94	PZ-TS-107	DDW49(d) *	40.8	100S	8.4	20S	8.9	30S	5.8	20S
95	PZ-TS-108	GW322 (C)	20.5	60S	8.8	20S	14.5	40S	45.8	80S
96	PZ-LS-201	GW519	6.5	40MR	9.2	40S	7.6	20S	49.5	80S
97	PZ-LS-202	HI1646	15.5	40S	22.8	80S	18.1	50S	26.4	60S
98	PZ-LS-203	HD3090 (C)	3.8	20MR	3.1	30MS	5.8	15S	47.7	80S
99	PZ-LS-204	RAJ4083 (C)	4.4	20S	16.6	80S	10.8	40S	35.5	80S

AVT No.	Entry code	Entry	Stem rust		Leaf rust (South)		Leaf rust (North)		Yellow rust	
			ACI	HS	ACI	HS	ACI	HS	ACI	HS
100	PZ-LS-205	UAS3008	13.8	40S	8.8	40S	7.6	30S	42.3	80S
<b>100A</b>	<b>INFECTOR</b>		<b>82.5</b>	<b>100S</b>	<b>80.0</b>	<b>100S</b>	<b>77.5</b>	<b>100S</b>	<b>75.5</b>	<b>100S</b>
101	PZ-LS-206	MACS6749	1.7	10MR	3.2	20MS	8.8	60S*	48.6	80S
102	PZ-LS-207	HD2932 (C)	15.8	40S	38.5	80S	32.8	60S	46.5	80S
103	PZ-LS-208	HI1641	4.0	20MS	2.8	20S	17.5	60S	61.8	80S
104	PZ-LS-209	HI1642	2.9	20MR	3.1	20S	12.0	30S	67.3	80S
105	PZ-LS-210	HI1633*	2.0	10S	10.0	80S*	7.0	20S	48.6	80S
106	PZ-LS-211	MACS6752	2.6	20MR	1.0	10MS	9.6	60S	60.0	80S
107	PZ-RI-301	NIDW 1149(d)*	2.9	10MS	2.3	20MS	2.6	10S	4.6	10S
108	PZ-RI-302	UAS446(d) (C)	16.8	100S	5.1	20S	2.8	10S	2.8	10S
109	PZ-RI-303	HI 1605 (C)	5.3	20S	19.0	80S	5.0	20S	15.2	40MS
110	PZ-RI-304	MACS 4087(d)	20.5	60S	7.8	40S	3.4	10S	16.5	60S
111	PZ-RI-305	MP 1358	4.1	15MS	3.3	20MS	2.4	10MS	5.7	15S
112	PZ-RI-306	AKDW 2997-16(d) (C)	28.5	80S	10.6	60S	5.9	20S	12.1	60S
113	PZ-RI-307	HI8805(d)(I) (C)	5.5	20S	9.8	60S	3.6	20S	4.6	20S
114	PZ-RI-308	UAS 472(d)	2.1	10MS	2.2	10MS	2.9	10S	7.1	20MS
115	PZ-RI-309	MPO 1357(d)	3.5	40MR	1.8	10S	1.9	10S	5.6	20S
116	PZ-RI-310	NIAW3170(I) (C)	13.0	60S	0.9	15MR	4.3	10S	26.0	60S
<b>V. Special Trial (Dicocum)</b>										
117	Spl-DIC-101	MACS5055	1.1	5MS	0.8	5MS	1.4	10S	25.6	80S
118	Spl-DIC-102	MACS6222 (aest.) (C)	4.2	10S	5.7	40S	2.5	10S	35.7	80S
119	Spl-DIC-103	DDK1029 (C)	1.5	10MS	0.3	5MR	4.5	40MR	35.7	60S
120	Spl-DIC-104	MACS5054	1.2	10MS	0.6	5MR	5.3	20S	30.2	60S
<b>120A</b>	<b>INFECTOR</b>		<b>85.0</b>	<b>100S</b>	<b>82.5</b>	<b>100S</b>	<b>72.5</b>	<b>100S</b>	<b>70.9</b>	<b>100S</b>
121	Spl-DIC-105	DDK1058	1.0	5S	0.1	TMR	4.7	15S	25.5	60S
122	Spl-DIC-106	HW1098 (C)	1.8	10S	0.3	5MR	3.9	30MR	26.7	60S
123	Spl-DIC-107	DDK1059	3.3	10S	0.3	5MR	5.6	50MR	28.5	60S
<b>VI. Special Trial (SPL-HYPT)</b>										
124	SPL-HYPT-1	DBW327	15.3	40S	11.0	60S	11.3	50S	6.1	20MS
125	SPL-HYPT-2	HD3086 (C)	43.0	80S	17.4	80S	30.0	60S	21.4	60S
126	SPL-HYPT-3	DBW332	16.0	40S	6.3	40S	10.0	30S	6.9	20S
127	SPL-HYPT-4	DBW303*	7.0	20MS	1.6	10MS	0.6	10MR	6.7	20S
128	SPL-HYPT-5	HD2967 (C)	6.8	20S	1.6	10S	14.0	40S	31.4	60S
129	SPL-HYPT-6	DBW187*	10.8	40S	3.9	15MS	1.5	10S	12.9	60S*
130	SPL-HYPT-7	DBW329	6.3	20MS	5.2	20S	6.4	20S	22.9	60S
131	SPL-HYPT-8	WH1252	3.5	10MS	4.5	20MS	3.4	10S	4.9	10S
132	SPL-HYPT-9	HD3378	21.1	60S	10.0	40MS	6.4	20S	20.6	60S
133	SPL-HYPT-10	WH1270*	12.5	40S	10.4	60S	3.5	10S	13.8	40S
134	SPL-HYPT-11	DBW333	25.0	80S	9.8	60S	2.4	20MR	7.7	20S
135	SPL-HYPT-12	DBW330	21.8	40S	20.4	80S	18.9	40S	20.5	60S
136	SPL-HYPT-13	DBW328	6.4	20MS	6.0	40S	3.6	15S	5.7	10S
137	SPL-HYPT-14	DBW331	13.8	40MS	9.8	60S	3.0	10S	11.4	40S
<b>NIVT No.</b>	<b>Entry code</b>	<b>Entry</b>	<b>ACI</b>	<b>HS</b>	<b>ACI</b>	<b>HS</b>	<b>ACI</b>	<b>HS</b>	<b>ACI</b>	<b>HS</b>
<b>NIVT-1A</b>										
1	N-101	Raj4548	12.0	40S	6.1	40S	2.7	10S	6.7	40S
2	N-102	UP3052	3.3	10MS	5.3	30S	12.6	40S	23.5	60S
3	N-103	HD3348	27.5	60S	14.0	60S	13.2	40S	10.4	40S
4	N-104	DBW334	11.8	20S	18.6	80S	18.2	60S	21.3	60S
5	N-105	UP3053	34.3	80S	15.8	80S	4.3	10S	16.8	40S
6	N-106	HUW 839	24.3	60S	3.3	10S	0.6	5S	7.0	20MS
7	N-107	K1901	7.8	20S	8.8	60S*	1.3	10S	17.0	60S
8	N-108	HD3352	13.3	40S	23.0	60S	9.4	40S	17.5	40S
9	N-109	KRL1810	21.0	60S	6.1	20S	2.3	5S	16.1	40S
10	N-110	DBW309	9.5	20S	14.9	60S	6.7	10S	18.6	60S

AVT No.	Entry code	Entry	Stem rust		Leaf rust (South)		Leaf rust (North)		Yellow rust	
			ACI	HS	ACI	HS	ACI	HS	ACI	HS
11	N-111	PBW828	7.6	20S	4.7	20MS	5.4	20S	12.4	40S
12	N-112	K1006 (C)	14.0	40S	11.9	60S	7.8	20MS	25.3	80S
13	N-113	HD3349	12.6	40S	8.5	60S*	5.0	20S	8.3	40S
14	N-114	PBW841	11.2	40S	1.3	15MR	0.1	TS	4.3	30S
15	N-115	HD2967 (C)	4.2	10MS	3.3	20S	3.3	20S	23.3	40S
16	N-116	PBW829	6.3	20MS	9.6	40S	2.6	10S	1.5	10S
17	N-117	DBW308	2.6	20MS	2.1	20MS	2.6	20S	10.2	80S
18	N-118	AAI-W29	31.5	60S	47.5	100S	23.9	40S	49.2	80S
19	N-119	HD3353	7.3	40MS	15.1	80S	2.1	10S	20.5	60S
20	N-120	DBW306	41.8	100S	8.8	40S	7.8	40S	3.6	15MS
<b>20A</b>	<b>INFECTOR</b>		<b>77.5</b>	<b>100S</b>	<b>77.5</b>	<b>100S</b>	<b>70.0</b>	<b>100S</b>	<b>72.7</b>	<b>100S</b>
21	N-121	WH1284	17.1	40S	16.1	60S	7.4	20S	18.5	60S
22	N-122	UP3051	42.4	80S	12.4	60S	6.0	20S	20.8	60S
23	N-123	WH1272	7.9	40S	3.8	20S	3.0	10S	19.2	60S
24	N-124	HD3350	24.0	60S	19.5	80S	7.4	20S	16.0	60S
25	N-125	HD3086 (C)	32.0	40S	20.5	80S	13.8	30S	16.1	40S
26	N-126	Raj4547	3.3	10S	3.6	20S	3.9	20S	27.5	60S
27	N-127	UP3054	1.9	10S	2.3	10S	5.2	40S	4.7	20S
28	N-128	NW7079	13.0	20S	24.0	80S	17.6	40S	22.4	60S
29	N-129	PBW827	8.4	20S	4.9	20MS	1.3	10S	1.4	5S
30	N-130	HD3351	16.9	40S	21.6	80S	3.6	10S	30.5	60S
31	N-131	DBW187 (C)	1.6	20MR	3.0	20MS	1.4	10S	2.9	10S
32	N-132	PBW826	4.0	10S	8.6	40S	6.3	20MS	8.2	30S
33	N-133	Raj4546	8.3	40MS	7.6	40S	4.4	20MS	14.4	40S
34	N-134	WH1273	17.8	40S	2.3	20MS	3.3	20S	10.1	40S
35	N-135	DBW307	13.5	40S	21.8	60S	18.3	40S	23.4	60S
36	N-136	WH1271	10.3	20S	2.1	10MS	12.5	40S	4.3	20S
<b>NIVT-1B</b>										
37	N-201	WH1274	1.6	10S	9.4	60S	2.5	10S	3.2	10S
38	N-202	JKW275	4.9	10MS	8.4	60S*	3.0	10S	4.9	15S
39	N-203	K1905	18.5	40S	12.9	80S	17.0	40S	18.1	40S
40	N-204	UP3055	34.9	100S	4.3	20S	5.5	20S	9.5	40S
<b>40A</b>	<b>INFECTOR</b>		<b>82.5</b>	<b>100S</b>	<b>85.0</b>	<b>100S</b>	<b>70.0</b>	<b>80S</b>	<b>70.9</b>	<b>90S</b>
41	N-205	NW7093	19.0	40S	1.6	15MS	4.8	20S	5.0	20S
42	N-206	Raj4549	5.6	20MS	8.1	40S	5.5	30S	25.0	60S
43	N-207	K1903	27.1	60S	10.0	60S	1.5	10S	3.8	20S
44	N-208	PBW830	11.1	40S	12.2	60S	2.3	10S	3.2	10S
45	N-209	PBW831	46.8	100S	19.2	100S	1.9	15S	4.9	20MS
46	N-210	NW7094	7.6	20S	6.3	40S	5.8	40S	4.8	20S
47	N-211	UP3057	6.5	20S	3.1	20MS	3.3	10S	12.7	20S
48	N-212	WH1283	2.0	10S	10.7	60S	3.8	20S	4.5	10S
49	N-213	Raj4550	8.6	40S	15.6	80S	18.1	40S	24.6	60S
50	N-214	DBW313	13.6	40S	5.7	40MS	3.3	15S	5.0	20S
51	N-215	BRW3877	31.0	100S	8.4	30S	2.1	10S	14.7	40S
52	N-216	DBW312	8.8	40MS	13.8	60S	5.9	15S	18.5	40S
53	N-217	UP3056	24.8	60S	16.1	80S	10.7	40S	11.0	40S
54	N-218	NW7088	23.5	80S	12.3	60S	4.5	30S	7.9	20S
55	N-219	HD3355	14.8	60S	9.2	50S	2.6	20S	15.2	40S
56	N-220	HUW841	7.2	20S	11.2	40S	4.4	15S	25.9	60S
57	N-221	K1904	11.4	40MS	5.1	40S	4.5	20S	21.7	60S
58	N-222	HD3356	3.2	20MS	4.1	20S	5.8	20S	18.1	60S
59	N-223	AAI-W22	10.6	20MS	25.0	80S	19.3	60S	41.4	60S
60	N-224	HD3357	31.8	60S	19.4	80S	20.2	40S	27.2	60S
<b>60A</b>	<b>INFECTOR</b>		<b>85.0</b>	<b>100S</b>	<b>85.0</b>	<b>100S</b>	<b>68.8</b>	<b>80S</b>	<b>73.6</b>	<b>90S</b>
61	N-225	HUW840	0.1	TR	12.0	60S	20.0	60S	13.2	40S

AVT No.	Entry code	Entry	Stem rust		Leaf rust (South)		Leaf rust (North)		Yellow rust	
			ACI	HS	ACI	HS	ACI	HS	ACI	HS
62	N-226	HD2967 (C)	7.2	20S	6.8	30S	4.5	20S	24.5	40S
63	N-227	KRL1803	31.0	80S	8.7	40MS	2.6	20S	8.6	20S
64	N-228	KRL1808	26.8	60S	9.3	40S	5.6	20S	15.9	40S
65	N-229	JKW277	9.7	40S	17.8	80S	10.0	20S	18.8	60S
66	N-230	HD3086 (C)	41.8	80S	10.9	40S	13.3	40S	20.8	60S
67	N-231	DBW187 (C)	15.6	40S	12.0	80S*	3.3	20S	3.6	20MS
68	N-232	BRW3869	5.4	20S	4.3	20S	2.6	10S	16.1	40S
69	N-233	HD3354	27.3	60S	10.8	60S	1.3	5S	13.9	60S
70	N-234	DBW311	27.6	80S	14.2	40S	9.4	20S	12.6	40S
71	N-235	K1006 (C)	9.0	40MS	3.8	10MS	12.5	30S	25.7	60S
72	N-236	DBW310	5.7	20S	13.1	60S	13.1	20S	28.4	60S
<b>NIVT-2</b>										
73	N-301	GW521	4.6	20S	12.5	80S	4.4	20S	55.5	60S
74	N-302	MP3535	13.5	40S	6.4	20S	2.5	20S	41.4	60S
75	N-303	MACS6478 (C)	34.3	60S	7.2	20S	3.5	10S	39.6	60S
76	N-304	RVW4301	3.1	40MR	3.6	20S	2.6	10S	3.5	10S
77	N-305	UAS3012	2.8	20MS	5.6	40S	1.4	10S	11.0	40S
78	N-306	NWS2176	2.4	20MR	2.4	20MS	4.1	20S	19.9	40S
79	N-307	RVW4304	2.0	20MR	3.3	20MS	6.6	20S	31.0	60S
80	N-308	HI1544 (C)	2.7	10S	4.1	40MS	3.9	30S	50.0	80S
<b>80A</b>	<b>INFECTOR</b>		<b>77.5</b>	<b>100S</b>	<b>82.5</b>	<b>100S</b>	<b>75.0</b>	<b>100S</b>	<b>76.4</b>	<b>100S</b>
81	N-309	DBW314	3.5	20MS	1.8	10MS	2.9	10S	12.9	40S
82	N-310	HI1650	1.9	10MS	1.1	20MR	4.4	20MS	31.3	80S
83	N-311	HD3376	4.0	20MS	1.8	10MS	0.8	5S	22.2	60S
84	N-312	GW322 (C)	12.8	20S	11.1	40S	20.0	40S	38.2	80S
85	N-313	HI1648	5.0	20MR	2.7	20MS	7.8	30S	35.5	60S
86	N-314	WH1275	31.0	60S	14.0	80S	12.6	20S	21.6	60S
87	N-315	MACS3735	3.9	10S	23.3	60S	12.6	30S	37.3	80S
88	N-316	UAS3011	17.1	40S	11.6	60S	8.1	30S	31.8	60S
89	N-317	GW522	9.6	60S*	10.1	80S*	4.4	20S	44.5	60S
90	N-318	NIAW3889	5.5	20MS	10.1	60S	4.9	20S	27.5	60S
91	N-319	HI1649	22.3	40S	23.3	60S	10.5	40S	45.0	80S
92	N-320	NIAW3882	3.5	20MR	4.3	20MS	3.1	10S	24.5	80S
93	N-321	AKAW5099	17.1	50S	11.0	80S*	4.4	30S	51.4	80S
94	N-322	HD3359	11.5	40MS	6.6	40S	6.8	20S	22.7	60S
95	N-323	MP1369	8.3	40S	22.8	80S	15.6	40S	55.5	80S
96	N-324	UP3058	1.7	10MS	6.5	40S	5.1	20S	9.4	40S
97	N-325	HI1647	17.3	60S	14.4	80S	6.3	20S	19.5	60S
98	N-326	MACS6764	6.8	40S	11.5	40S	14.4	60S	34.0	60S
99	N-327	PBW832	18.8	40S	3.4	20MS	3.1	20S	2.4	10S
100	N-328	GW523	12.8	40MS	13.0	60S	16.9	60S	41.4	80S
<b>100A</b>	<b>INFECTOR</b>		<b>85.0</b>	<b>100S</b>	<b>82.5</b>	<b>100S</b>	<b>71.3</b>	<b>100S</b>	<b>70.9</b>	<b>100S</b>
101	N-329	MP1370	3.1	20MR	3.3	20MS	7.3	20S	58.2	80S
102	N-330	CG1034	2.7	20MR	2.3	10MS	9.3	20S	48.6	80S
103	N-331	MACS6768	11.3	40S	5.7	40S	3.0	10S	68.2	100S
104	N-332	Raj4551	8.4	30S	7.1	40S	5.2	20S	11.2	40S
105	N-333	DBW315	10.8	40S	3.3	10S	3.3	10S	23.8	40S
106	N-334	MP3526	7.9	30S	14.1	60S	5.8	20S	26.9	60S
107	N-335	MP1371	3.8	10MS	5.1	40S	5.0	20S	44.5	80S
108	N-336	MACS6222 (C)	5.6	30MS	10.1	80S*	1.4	10S	26.7	60S
<b>NIVT-3A</b>										
109	N-401	K1907	18.1	40MS	12.9	60S	3.8	20S	11.7	20S
110	N-402	HD3361	19.8	40MS	13.5	60S	14.4	40S	8.0	20S
111	N-403	DBW335	2.4	10MS	12.7	40S	8.4	20S	9.1	20S
112	N-404	HD3362	12.3	20S	3.6	20MS	6.8	20S	9.0	20S

AVT No.	Entry code	Entry	Stem rust		Leaf rust (South)		Leaf rust (North)		Yellow rust	
			ACI	HS	ACI	HS	ACI	HS	ACI	HS
113	N-405	WH1278	5.7	40MR	4.3	10S	2.6	20S	3.4	10S
114	N-406	DBW173 (C)	0.7	10MR	2.9	20MS	1.5	10S	5.7	10S
115	N-407	UP3065	0.8	5MS	3.0	20S	2.7	10S	6.5	20S
116	N-408	NW7092	16.1	40S	17.7	60S	6.4	20S	14.1	40S
117	N-409	HD3363	16.0	40S	10.1	40S	9.0	20S	7.4	20S
118	N-410	PBW836	1.0	10MR	4.5	40MS	3.4	15S	11.4	40S
119	N-411	DBW317	8.4	20S	21.9	60S	10.2	40S	7.3	20S
120	N-412	K1908	25.5	80S	6.0	20S	21.4	60S	11.0	20S
<b>120A</b>	<b>INFECTOR</b>		<b>77.5</b>	<b>100S</b>	<b>77.5</b>	<b>100S</b>	<b>73.8</b>	<b>100S</b>	<b>71.8</b>	<b>100S</b>
121	N-413	HD3364	5.6	40MS	2.1	10MS	4.3	20S	3.1	10S
122	N-414	PBW834	9.8	40MS	13.8	80S	3.5	20S	5.2	30S
123	N-415	HUW842	18.1	40S	3.6	10S	2.1	5S	10.6	20S
124	N-416	UP3059	18.5	40S	2.8	20MS	1.5	10S	4.6	10S
125	N-417	Raj4552	3.3	10S	12.3	80S	1.4	10S	10.0	20S
126	N-418	HD3360	35.8	60S	19.1	80S	13.9	40S	17.9	60S
127	N-419	UP3061	7.9	20S	12.9	60S	7.0	20S	7.7	20S
128	N-420	HD3365	20.1	40S	13.1	60S	11.3	20S	22.7	60S
129	N-421	WH1276	22.1	40S	5.7	40MS	5.3	20MS	6.8	20S
130	N-422	Raj4554	4.7	20MS	2.3	10S	2.3	10S	16.4	60S
131	N-423	UP3060	6.8	20S	7.8	50S*	3.0	15S	11.9	30S
132	N-424	HI1563 (C)	1.5	10MS	2.1	20MS	1.3	5S	46.4	80S
133	N-425	PBW833	33.0	80S	1.3	5S	1.4	10S	15.4	60S
134	N-426	DBW316	2.0	10MS	1.1	5MS	1.5	10S	3.4	10S
135	N-427	HD3059 (C)	8.8	20S	5.2	40MS	4.3	20S	19.8	60S
136	N-428	DBW107 (C)	2.6	10MS	4.8	20S	2.4	5S	14.7	40S
137	N-429	NW8000	9.9	40S	14.3	60S	8.9	20S	21.2	60S
138	N-430	PBW835	13.1	40S	8.3	60S*	1.3	10S	1.7	10S
139	N-431	Raj4553	12.0	20S	13.9	80S	5.2	20S	17.9	60S
140	N-432	JKW278	4.9	20MS	14.8	80S	13.3	30S	17.0	60S
<b>140A</b>	<b>INFECTOR</b>		<b>80.0</b>	<b>100S</b>	<b>80.0</b>	<b>100S</b>	<b>68.8</b>	<b>80S</b>	<b>71.8</b>	<b>100S</b>
141	N-433	WH1277	8.5	20MS	2.7	20MS	1.8	10S	6.8	20S
142	N-434	DBW318	2.1	20MS	10.0	60S	1.9	10S	4.5	10S
143	N-435	DBW319	3.1	20MS	6.3	40S	5.5	20S	29.1	60S
144	N-436	JKW270	3.8	10MS	2.1	20MS	2.0	10S	13.7	30S
<b>NIVT-3B</b>										
145	N-501	LOK77	3.6	20MS	8.1	60S*	5.0	20S	17.3	40S
146	N-502	HD3366	18.0	40S	9.4	60S*	2.7	10S	25.4	60S
147	N-503	MP3527	17.5	40S	19.2	80S	11.4	30S	28.6	60S
148	N-504	NIAW3895	14.0	40S	10.6	60S	2.4	10S	29.5	60S
149	N-505	MP1372	11.2	40S	17.1	60S	5.2	20S	55.5	80S
150	N-506	CG1035	26.0	80S	15.6	80S	11.9	40S	24.8	60S
151	N-507	HD3367	9.6	40S	3.1	10S	3.1	10S	23.4	60S
152	N-508	WH1279	3.4	20S	2.6	10MS	2.3	10S	11.9	40S
153	N-509	HI1651	1.8	10MR	2.7	20MS	4.5	20S	31.8	60S
154	N-510	HI1652	7.5	40S	5.5	40S	2.6	20S	35.5	60S
155	N-511	RVW4309	26.9	60S	22.4	80S	6.1	20S	33.2	60S
156	N-512	NWS2180	15.0	40S	9.3	40MS	3.3	10S	17.7	40S
157	N-513	MACS6774	9.8	20MS	12.6	60S	2.7	20S	28.0	60S
158	N-514	HD2932 (C)	18.6	60S	23.5	80S	26.3	40S	44.5	60S
159	N-515	UAS3013	35.8	60S	4.6	20MS	8.8	20S	19.8	60S
160	N-516	AKAW5080	5.8	40MR	12.3	80S*	9.9	30S	50.0	80S
<b>160A</b>	<b>INFECTOR</b>		<b>75.0</b>	<b>100S</b>	<b>75.0</b>	<b>100S</b>	<b>72.5</b>	<b>100S</b>	<b>70.0</b>	<b>100S</b>
161	N-517	DBW320	11.0	20S	10.1	60S	10.0	30S	7.3	30S
162	N-518	CG1037	23.1	60S	10.2	40S	10.7	40S	26.6	60S
163	N-519	GW527	5.8	30MS	9.7	60S	10.2	40S	52.7	80S

AVT No.	Entry code	Entry	Stem rust		Leaf rust (South)		Leaf rust (North)		Yellow rust	
			ACI	HS	ACI	HS	ACI	HS	ACI	HS
164	N-520	MACS6769	0.3	5R	4.5	20S	7.3	30S	53.6	80S
165	N-521	HD2864 (C)	0.2	5R	2.1	20MS	6.0	20S	54.5	80S
166	N-522	GW525	1.2	10MR	0.9	15MR	6.2	20S	52.7	80S
167	N-523	NIAW3898	2.5	10S	2.5	20MS	5.4	30S	29.4	80S
168	N-524	MP3529	13.3	40S	13.0	80S	1.4	10S	5.7	20S
169	N-525	PBW837	17.2	60S	2.3	20MS	1.3	10S	1.8	10S
<b>NIVT-4</b>										
170	N-601	PWU5	23.0	80S	28.5	80S	16.0	40S	41.4	80S
171	N-602	HI8713 (C)	9.1	60S*	2.9	10MS	12.2	60S	10.8	60S
172	N-603	HI8826	6.8	40S	1.2	20MR	10.8	60S	9.8	40S
173	N-604	MACS4106	7.0	40S	6.2	40S	1.9	10S	5.6	20S
174	N-605	UAS473	3.3	10S	2.6	20MS	1.3	10S	3.7	20MS
175	N-606	HI8828	6.1	40S	1.1	20MR	1.3	10S	8.6	30S
176	N-607	MPO1375	5.7	20S	1.5	15MR	3.3	20S	7.9	20S
177	N-608	MACS4100	16.5	60S	5.9	40S	0.8	5S	12.8	40S
178	N-609	WHD965	11.0	40S	1.5	20MR	2.0	10S	6.2	20S
179	N-610	NIDW1348	4.1	10S	3.3	20MS	1.3	5S	1.6	10MS
180	N-611	DDW53	13.8	60S	3.1	15MS	2.4	10S	4.5	20MS
<b>180A</b>	<b>INFECTOR</b>		<b>82.5</b>	<b>100S</b>	<b>77.5</b>	<b>100S</b>	<b>72.5</b>	<b>100S</b>	<b>71.8</b>	<b>100S</b>
181	N-612	HI8829	8.1	40S	5.1	40S	3.0	10S	5.5	20MS
182	N-613	PDW360	20.6	80S	3.8	20S	4.4	20S	1.4	5S
183	N-614	HI8825	5.3	20S	7.4	40S	1.4	5S	2.2	10MS
184	N-615	HI8827	1.8	20MR	6.2	20MS	1.4	5S	4.0	10S
185	N-616	HI8737 (C)	8.0	20S	4.6	20MS	0.7	5S	4.4	20MS
186	N-617	DDW54	26.3	80S	7.6	40S	3.5	10S	3.2	10MS
187	N-618	MACS3949 (C)	6.6	40S	3.1	20MS	3.6	10S	1.9	10MS
188	N-619	UAS474	11.8	80S*	2.7	20MS	1.9	10S	1.8	10S
189	N-620	PBND4812	4.2	20S	6.1	40S	2.3	10MS	6.3	40S
190	N-621	GW1355	1.9	5S	3.6	20MS	1.8	5S	9.6	40S
191	N-622	GW1354	1.9	5S	2.3	20MR	1.2	5MS	17.1	40S
192	N-623	NIDW1345	11.3	80S*	1.8	20MR	1.3	20MR	2.1	10S
193	N-624	MPO1374	8.2	20S	5.6	40S	0.4	5MR	3.0	20MS
194	N-625	MPO1373	25.8	80S	7.1	20S	0.5	10MR	7.0	20S
<b>NIVT-5A</b>										
195	N-701	WH1280	17.3	40MS	12.2	60S	16.9	40S	16.7	40S
196	N-702	HD3368	15.9	40S	12.7	60S	3.4	20S	8.7	20S
197	N-703	HD3369	13.7	60S	2.5	10MS	3.8	20S	8.1	20S
198	N-704	DBW321	45.0	80S	11.2	60S	8.9	30S	7.5	20S
199	N-705	BRW3863	6.1	30MS	19.8	60S	15.1	40S	13.1	40S
200	N-706	WH1281	17.5	40S	2.2	10MS	13.1	40S	18.1	40S
<b>200A</b>	<b>INFECTOR</b>		<b>82.5</b>	<b>100S</b>	<b>87.5</b>	<b>100S</b>	<b>75.0</b>	<b>100S</b>	<b>72.7</b>	<b>100S</b>
201	N-707	DBW324	19.5	60S	3.4	10S	14.3	40S	28.2	60S
202	N-708	HD3171 (C)	30.0	60S	32.0	80S	23.8	40S	19.1	60S
203	N-709	UP3063	1.4	5S	11.0	40S	7.4	20S	8.8	40S
204	N-710	JAUW683	5.8	40S	13.6	60S	7.0	20S	13.5	60S
205	N-711	K1910	15.4	60S	13.0	40MS	3.2	10S	12.6	40S
206	N-712	PBW644 (C)	17.1	40S	16.6	60S	7.9	40S	24.2	60S
207	N-713	HI1654	1.2	5S	2.0	10MS	1.4	10S	3.7	10MS
208	N-714	K1317 (C)	7.9	20S	8.4	40MS	3.4	20S	13.4	60S
209	N-715	NW7096	2.5	5S	7.0	40S	3.3	20S	10.4	40S
210	N-716	DBW323	13.4	40S	3.1	10MS	4.0	30S	12.8	40S
211	N-717	HI1653	7.9	40MS	7.1	40S	4.0	30S	11.2	40S
212	N-718	PBW848	18.0	40S	5.1	20MS	4.1	30S	6.5	20S
213	N-719	PBW839	8.6	20S	1.7	5MS	5.2	30S	11.2	40S
214	N-720	HUW843	17.5	40MS	23.1	60S	4.4	20S	14.7	60S

AVT No.	Entry code	Entry	Stem rust		Leaf rust (South)		Leaf rust (North)		Yellow rust	
			ACI	HS	ACI	HS	ACI	HS	ACI	HS
215	N-721	PBW838	22.5	80S	15.5	80S	7.6	20S	12.0	20S
216	N-722	DBW322	53.5	80S	27.5	80S	9.5	40MS	18.3	60S
217	N-723	WH1142 (C)	6.1	20S	18.0	60S	10.8	40S	19.0	40S
218	N-724	BCW5	6.1	20S	0.8	15MR	5.5	20S	21.7	40S
219	N-725	UP3062	3.0	10S	22.0	80S	8.0	20S	10.0	20S
<b>NIVT-5B</b>										
220	N-801	DBW326	5.3	20MS	16.3	60S	1.9	10S	9.9	40S
<b>220A</b>	<b>INFECTOR</b>		<b>80.0</b>	<b>100S</b>	<b>80.0</b>	<b>100S</b>	<b>68.8</b>	<b>80S</b>	<b>71.8</b>	<b>100S</b>
221	N-802	GW528	1.2	5S	1.5	20MR	4.5	20S	39.4	80S
222	N-803	MP1367	4.8	10S	8.1	60S*	7.0	20S	52.3	80S
223	N-804	UAS446(d) (C)	4.8	20S	1.4	15MR	2.0	15S	5.8	20S
224	N-805	UAS475(d)	4.2	20S	1.1	10MR	3.1	15S	3.6	20S
225	N-806	DDW55(d)	12.8	40S	4.8	20MS	2.6	20S	16.5	60S
226	N-807	MACS6753	4.9	20S	4.1	40MS	1.4	10S	47.3	80S
227	N-808	HD3372	8.2	20MS	10.1	40S	3.9	20S	13.9	40S
228	N-809	HI1605 (C)	9.9	40S	20.5	80S	8.7	20S	19.5	60S
229	N-810	DBW110 (C)	7.8	20S	4.1	10MS	6.8	20S	38.6	80S
230	N-811	HI830(d)	7.0	40S	3.1	10MS	4.5	30S	13.9	40S
231	N-812	HI1655	1.1	5S	8.5	60S*	1.4	10S	26.5	60S
232	N-813	HD3371	8.1	20S	5.8	20MS	2.6	10S	20.0	40S
233	N-814	GW1356(d)	20.5	40S	35.5	80S	5.0	10S	68.2	100S
234	N-815	NIAW3855	9.8	30MS	9.6	40S	5.0	20S	13.2	40S
235	N-816	HI8627(d) (C)	4.5	20S	1.3	20MR	1.4	10S	4.8	20S
236	N-817	HI831(d)	10.6	40S	2.7	10MS	3.9	20S	7.8	30S
237	N-818	MP3523	16.5	40S	13.1	40S	10.0	20S	30.0	60S
238	N-819	NIAW3851	17.9	40S	11.3	60S	3.8	20S	13.5	40S
239	N-820	CG1036	3.3	10S	10.1	80S*	4.5	20S	55.5	80S
240	N-821	UAS3014	7.5	20MS	7.8	40MS	10.1	20S	22.6	60S
<b>240A</b>	<b>INFECTOR</b>		<b>80.0</b>	<b>100S</b>	<b>80.0</b>	<b>100S</b>	<b>73.8</b>	<b>100S</b>	<b>73.6</b>	<b>100S</b>
241	N-822	MP1368	9.5	40MS	13.1	40S	5.6	20S	54.5	80S
242	N-823	MACS6755	6.0	20MS	2.6	20MS	3.3	10S	56.4	80S
243	N-824	AKAW5088	27.0	80S	1.8	10MS	2.6	20S	8.7	40S
244	N-825	DBW325	12.4	40S	15.7	40S	11.3	20S	45.0	80S
<b>IVT (Hill Zone)</b>										
245	NHIVT-1901	HS 507 (C)	0.9	5S	2.5	20MS	5.7	30S	12.5	30S
246	NHIVT-1902	SKW 356	2.7	20S	7.1	40S	4.6	20S	13.8	60S
247	NHIVT-1903	VL 2042	12.8	40S	8.7	60S*	5.6	20S	24.5	60S
248	NHIVT-1904	HPW 471	25.3	60S	18.8	80S	3.7	20S	21.7	40S
249	NHIVT-1905	HS 675	12.9	60S	2.3	20MS	2.7	20S	4.6	20MS
250	NHIVT-1906	HPW 472	6.7	40S	11.6	40S	6.4	30S	13.3	60S
251	NHIVT-1907	VL 2039	17.6	40S	8.5	40S	4.0	30S	29.4	80S
252	NHIVT-1908	HS 677	5.8	40S	0.3	5MR	3.1	20S	8.9	40S
253	NHIVT-1909	HS 676	0.5	10MR	2.6	20MS	5.1	20S	10.2	40S
254	NHIVT-1910	UP 3064	0.9	5S	0.9	15MR	4.4	20S	20.4	60S
255	NHIVT-1911	HS 678	2.4	10MS	3.1	20MR	6.2	20S	12.7	60S
256	NHIVT-1912	HS 562 (C)	24.5	60S	11.1	40S	2.9	10S	19.3	60S
257	NHIVT-1913	HPW 470	27.0	60S	10.5	40S	8.3	20S	13.6	40S
258	NHIVT-1914	HPW 469	23.3	60S	10.8	40MS	4.4	20S	20.5	60S
259	NHIVT-1915	VL 2041	11.5	60S	2.6	10MS	2.5	20S	14.5	40S
260	NHIVT-1916	VL 2040	12.0	40S	3.0	20MS	11.9	40S	21.9	60S
<b>260A</b>	<b>INFECTOR</b>		<b>75.0</b>	<b>100S</b>	<b>77.5</b>	<b>100S</b>	<b>75.0</b>	<b>100S</b>	<b>71.8</b>	<b>100S</b>

**Abbreviations:** ACI = Average Coefficient of Infection, HS = Highest Score