

PLANT PATHOLOGICAL SCREENING NURSERY (2023-24)

Decoded NIVT data

NIVT No.	Entry name	Stem rust (S)		Leaf rust (S)		Leaf rust (N)		Stripe rust (N)	
		ACI	HS	ACI	HS	ACI	HS	ACI	HS
1	HD3477	33.5	80S	6.4	20MS	10.6	40S	6	20S
2	DBW449	19.8	40S	8.4	30S	14.4	60S	9.2	40S
3	PBW938	22.9	60S	2	10S	2.3	20MS	8.2	40S
4	PBW940	14.6	60S	3	10S	11.8	40S	11.6	40S
5	UP3141	29.5	80S	7	20S	5.4	20MS	8.2	40S
6	UP3142	30	60S	4.7	20S	1.5	15MS	2.7	10S
7	RAJ4584	8.6	60S*	2.4	10S	3.1	15MS	4.9	20MS
8	RAJ4585,	14.4	40S	2	10MS	1.3	10MS	4.6	10S
9	HD3086(C)	45.3	100S	14.3	20S	33.6	60S	6	40S
10	UBW 22	42	80S	8	20S	1.8	20MS	22.2	40S
11	KRL2202	29.9	80S	5.7	10S	6.7	20S	19.2	40S
12	RAJ4586	8.8	20S	8	20MS	22	60S	7.2	20S
13	PBW936	6.6	20S	1.4	10MR	3.9	20S	3.4	20S
14	DBW447	14.9	60S	10	20S	27.2	50S	7.2	40S
15	HUW858	22.3	80S	2.1	10S	0.6	5S	11.8	40S
16	DBW450	13	20S	5.3	20S	10.7	40S	6.9	40MS
17	HD3475	27.5	80S	8.8	20S	7.6	30S	9.4	40S
18	NW8094	4.3	20S	1.4	10MR	2.3	20MS	4.9	20S
19	NWS2124	31.9	80S	9	20S	8.6	40S	1.4	10S
20	DBW222(C)	19.3	40S	1	10MR	7.8	30S	13.3	20S
20A	Infector	80	80S	83.3	100S	78.9	100S	77.8	90S
21	PBW939	16.7	60S	3	10S	18.2	80S	7	20S
22	DBW448	18.6	40S	3.7	10S	16	70S	9.9	40S
23	PBW937	16.9	60S	4	20MS	14.4	50S	0.1	TS
24	WH1329	11.1	40S	4.3	10S	13.3	40S	13.3	40S
25	HP1981	16.4	60S	2	10S	12.2	50S	6.6	40S
26	HD3474	41	80S	15.7	40S	8.3	40S	11.7	40S
27	K2301	6.5	30S	0.7	10R	0.6	5S	19.3	40S
28	BCW35	12.8	60S	3	10MS	6.2	30S	27.6	40S
29	DBW187(C)	13.5	30S	1.3	10MR	11.8	60S	7.8	40S
30	UP3140	3.8	10S	1.6	10MR	10.3	30S	6.8	20S
31	DBW446	12.9	20S	5.7	10S	14.9	40S	8.9	40S
32	HD3476	20.8	60S	8	20S	18.1	60S	7.3	20S
33	WH1328	29.3	80S	4.4	20MS	14	50S	2.7	10S
34	Supreme-1122	0.5	5MR	0.9	10MR	0.6	5S	44	80S
35	JAUW723	19	40S	9.7	20S	19.8	50S	9.3	40S
36	SVPWL22-04	20.3	60S	3.3	10S	10.1	60S	6	20S

37	HD3480	42.8	80S	9.3	20S	8.5	50S	7.6	20S
38	DBW455	15.5	30S	3.8	10S	16	70S	3.2	20MS
39	PBW944	22.5	40S	1.4	5MS	9.4	50S	3.2	20MS
40	UP3143	4.9	20S	2	5MS	7.4	30S	9.4	40S
40A	Infector	80	80S	80	80S	80	100S	77.8	90S
41	NW8089	18.3	80S	0.9	10MR	2.2	10S	13.6	40S
42	NW8095	17.4	60S	5	10S	12.9	60S	10.8	40S
43	WH1330	29	60S	3	10S	10.7	40S	9.5	40S
44	WH1331	17.8	40S	5.3	10S	20.1	70S	6.5	20S
45	KRL2101	8.5	30S	2.7	10MS	2.1	15S	10	20S
46	HUW859	36.3	60S	11.1	20S	27.9	70S	6.9	40S
47	K2303	11.8	20S	3.3	10S	14.1	40S	7.4	40S
48	PBW942	22.3	60S	10	20S	24.3	70S	0	0
49	DBW453	13.5	20S	2.7	10MS	9.6	30S	8.4	40S
50	JKW317	12.3	20S	6	20MS	13.9	60S	4.6	20MS
51	HP1982	23	60S	8	20S	11.6	50S	8.3	40MS
52	BRW3967	17.5	60S	7.3	10S	8.2	30S	13.2	40S
53	BCW32	10.6	40S	4	10S	13.4	50S	9.6	20S
54	PBW945	17.3	40S	5.7	20MS	1.9	10MS	12.3	40S
55	DBW454	17.4	40S	2.3	5S	6.2	40S	3.2	20MS
56	PBW943	10.3	40S	5.1	20MS	11.4	40S	3.8	20S
57	BRW3964	8.8	30S	3.1	10MS	15.4	60S	22.3	40S
58	DBW451	11.6	30S	2.3	10MS	8.4	30S	7.1	40S
59	HD3478	7.5	20S	2.3	10MS	2.9	20S	14.3	40S
60	RAJ4587	21	60S	10	40S	2.8	15S	11	20S
60A	Infector	80	80S	80	80S	78.9	100S	76.7	90S
61	RAUW107	18.3	60S	3.3	10MS	6.8	30S	3.7	20S
62	UP3144	9	40S	1	10MR	2.5	20S	5.9	40S
63	DBW452	42	80S	5.4	20MS	4.4	20MS	12.3	40S
64	HD3479	44	80S	13.2	20S	3.4	20S	10.4	40S
65	K2304	26.8	80S	10.3	20S	11.3	40S	19.5	40S
66	SVPWL22-10	38	80S	14	20S	6.9	30S	5.7	20S
67	NWS2124	22.5	60S	11	20S	9.1	30S	10.3	40S
68	BW20R105	25.5	60S	7.3	20S	10.1	40S	6.8	20S
69	PBW941	20	40S	4.3	10MS	11.1	40S	10.6	40S
70	WH1332	52.5	80S	19.3	40S	21.1	40S	6.6	40S
71	PWU52	12.8	60S	5.7	20MS	11.2	40S	40.4	80S
72	AKAW4764	25	80S	11.3	20S	10.6	30S	63.3	90S
73	HD3481	9.5	40S	3	10S	8.4	30S	13.6	40S
74	PBW946	16.6	40S	0.7	10MR	0.7	5S	4.4	20S
75	NWS2237	29.8	80S	9	20MS	10.7	40S	11.2	40S

76	RAJ4590	21	80S	7.1	20S	9.3	30S	11.9	20S
77	PWU13	10.3	40S	12	20S	7	20S	43.6	80S
78	GW560	15.5	60S	3	10S	1.7	15S	52.2	90S
79	HI1695	9.4	40S	4.7	20MS	1.7	10S	60	90S
80	MACS6862	23	60S	2	10S	3	15S	12.2	40S
80A	Infector	80	80S	80	80S	80	100S	78.9	90S
81	MACS6864	31.5	80S	6.4	20S	6	20S	15.3	40S
82	UAS3030	15	60S	4	10S	4.6	20S	55.6	80S
83	DBW457	14	30S	8.1	40S	19.3	60S	12.2	40S
84	MP3583	28	80S	13.7	20S	28.8	60S	50.7	80S
85	GW566	5.3	20S	2.4	10S	6.7	20S	46.7	80S
86	NIAW4516	26	80S	7	20MS	6.5	40S	51.8	80S
87	NIAW4581	8	40MS	3	20MR	1.7	10S	16.4	60S
88	MP1400	9.5	20S	4.5	10S	8.7	40S	6.2	20S
89	MP1401	12.8	60S	3.3	10MS	10.3	40S	8.5	20S
90	DBW456	20.5	40S	8.7	20S	22.4	50S	23.8	60S
91	GW322(C)	18.3	40S	9.3	40MS	23.1	60S	36	60S
92	HI1694	7.2	40MS	1.7	10MR	5	20S	55.6	90S
93	LOK82	7.3	40MS	4	20S	2.3	10S	23	40S
94	MP3584	5.2	20S	3.6	10S	3.3	20S	61.1	80S
95	GW561	7.6	40S	4.4	10S	5	20S	45.1	70S
96	GW565	3.1	10S	2	10S	0	0	23.1	60S
97	MACS6222(C)	11.5	40MS	4.7	20MS	0	TR	23.2	60S
98	UAS3031	30	80S	8	20S	1.1	10S	29.1	40S
99	HI1650(C)	7.4	30MS	1.9	10S	1.1	10S	28.2	60S
100	MACS6858	6.9	20MS	3.3	10S	0.6	5S	29	80S
100A	Infector	77.5	80S	83.3	100S	81.1	100S	73.3	90S
101	CG1050	4.5	40MR	2.7	10S	3.9	20S	54	80S
102	HW3928-1	3.8	10S	2.1	10S	3.2	20S	45.3	80S
103	GW559	10.3	40MS	2.7	20MR	0.6	5S	51.8	80S
104	JWS1528	17.5	40S	6.3	20MS	2.2	20S	26	60S
105	HD3484	5.4	20MS	2	10S	2.3	20S	7	40S
106	DBW462	7	20S	7.4	20S	10.4	30S	6.2	20S
107	PBW950	51.5	80S	8.3	20S	2.4	10S	0.3	5MR
108	WH1335	9	40MS	2.2	10S	4.5	20S	8.8	40S
109	WH1337	32	60S	3.7	10S	7.2	30S	16.9	60S
110	K2306	24.3	60S	7	20S	17.1	50S	48.9	80S
111	K2307	1.4	5S	1.5	5MS	4.4	20S	9.4	40S
112	RAJ4588	34.6	80S	11.3	20S	10.5	40S	13.3	40S
113	RAJ4589	10.5	40MS	4.5	20MS	5.1	20S	13.4	40S
114	PBW948	2.1	5MS	1	10MR	1.7	15S	4.4	20MS

115	DBW460	11.5	40S	2	5MS	3.3	15S	12.2	40S
116	JKW319	19.8	60S	5.4	20S	6.2	20S	20.9	60S
117	PBW947	40	80S	11	20S	14.5	40S	0	0
118	HP1983	27.5	60S	19.3	40S	20.9	60S	12.2	30S
119	UP3145	5.3	20MS	3.4	10S	0	0	3.3	10S
120	PBW951	11.6	20S	3.2	10S	9	40S	4.4	20S
120A	Infector	80	80S	83.3	100S	81.1	100S	76.3	90S
121	DBW461	8.4	20S	4	10S	14.9	90S	16.9	40S
122	PBW949	17.3	40S	4	20MS	8.4	40S	3.3	20S
123	NW8084	8.6	40S	11.3	20S	21	60S	19.9	40S
124	DBW458	24.3	60S	3.7	20MR	10.1	40S	17.6	40S
125	HD3482	3	10S	3.7	10MS	13.7	40S	11.9	40MS
126	UP3146	25	80S	5.1	20MS	1.6	10S	12.6	60S
127	WH1336	16.3	40S	2.7	5MS	12.8	50S	13.4	40S
128	DBW459	19.5	40S	2.1	10S	2	15MS	19.4	40S
129	HD3483	13.5	20S	6	20S	8.2	40S	14.6	40S
130	NW8081	9.8	40MS	3.4	10MS	9.2	30S	11.7	40S
131	BRW3954	15.3	40S	2	10MS	0.6	5S	21	60S
132	HUW860	21.1	40S	7.3	20MS	12.4	50S	22.8	60S
133	BCW31	11.9	30S	2	5MS	8.7	40S	12.7	60MS
134	UBW21	22.5	60S	3.7	10S	10	30S	11	40S
135	SVPWL22-02	28.5	80S	6	20MS	0.6	5S	2.8	20S
136	RAUW111	3.3	20MS	3.7	20S	1.2	10S	23.2	60S
137	PBW771(C)	19.5	60MS	3.4	10S	0.6	5S	10	20S
138	DBW173(C)	2	10MS	1.3	10MR	1	5S	7.3	20S
139	HI1563(C)	1	5MS	2.1	10S	1.2	10S	53.1	80S
140	HI1621(C)	31.5	80S	9.8	20MS	10.6	30S	7.4	40S
140A	Infector	80	80S	80	80S	78.9	100S	78.9	90S
141	HI1699	11.8	60S	1.4	5MS	1.9	10MS	54	80S
142	MP3598	13.3	40S	3.7	10MS	7.9	40S	36.2	80S
143	MACS6868	21.4	60S	3.4	10S	6.7	30S	13.2	50S
144	GW562	2.6	10MR	2.4	10S	2.4	10S	35	80S
145	CG1061	6.9	20S	4.3	10S	19.1	60S	36.1	60S
146	WH1338	11.3	40S	1	10R	7.4	40S	17.2	40S
147	GW567	8.1	40MS	1	10MR	3.8	20S	55.3	90S
148	LOK83	17.5	40S	11	40S	23.4	50S	32	60S
149	PBW952	12.1	40S	5.7	10S	12.2	30S	4.4	20S
150	NIAW4621	5.8	20S	2.4	10S	9.3	20S	5.2	20S
151	UAS3032	29.3	80S	6.4	20S	6.7	20S	6.3	40MS
152	MP3599	19.8	80S	10.3	20S	26.7	70S	46.4	80S
153	HI1697	10.7	60S	3.7	20S	8.2	20S	52.2	90S

154	HD2932(C)	28	80S	21.3	40S	35.6	60S	52.2	90S
155	MACS6854	13	60S	3.4	10S	10.1	60S	64.4	90S
156	UAS3033	19.5	40S	3.7	10S	13.7	30S	11.7	40S
157	NIAW4624	4.6	10S	2	10S	7.7	30S	12.7	40S
158	HD2864(C)	7.9	40S	2	10S	6.1	30S	51.1	80S
159	DBW463	13.9	60S	6	20MS	11.1	40S	10.2	40S
160	HI1696	6.7	40S	1.7	10MS	1.2	10S	47.6	80S
160A	Infector	80	80S	80	80S	83.3	100S	78.9	90S
161	HI1633(C)	6.2	30MS	1.5	10MS	9.6	40S	39.8	60S
162	WSM141	1.6	10MS	1.4	10MR	4.5	20S	30.7	60S
163	DBW464	7.5	20S	3.3	5MS	15	40S	11.8	40MS
164	HI1698	5.5	30S	1.7	5MS	2.8	20S	38	80S
165	MP1402	17.4	60S	8.3	20S	6.4	20S	40	80S
166	MACS5065(Dic)	0.8	5MS	0.4	10R	0.7	5S	20.5	60S
167	DDW66	5.5	20S	4.7	20MR	1.7	10S	1.7	10S
168	HI8713(C)	6	20S	3	10S	1.8	5S	10.1	30S
169	HI8858	4.2	20MR	3.3	20MR	1.1	10S	14.1	40S
170	HI8855	9.6	20S	4	15MR	1.8	10S	5.6	20S
171	HW5306(Dic)	3.1	10MS	5.4	20MS	2.3	10S	27.1	60S
172	HI8854	7.6	20S	5	10S	1.2	10S	14.4	40S
173	WHD969	7.3	40MR	7.7	20MS	2.9	10S	6.9	20S
174	DDW67	6.8	20S	6.3	20S	2.7	20S	2.8	10S
175	PDW366	7.5	20MS	5.7	20S	1.1	10S	2.7	10S
176	UAS485	15.8	40S	5.7	20MS	1.1	5MS	3.9	20S
177	PDW368	18.1	40S	7.3	20S	4	20S	6.2	20S
178	DDK1067(Dic)	1.7	20MR	3	10MS	1.9	15S	21.1	40S
179	HI8853	6.7	20S	5	20MS	2.8	20S	18.2	40S
180	PDW367	19.3	40S	7.3	20MS	2.4	10S	5.2	20MS
180A	Infector	80	80S	80	80S	76.7	90S	77.8	90S
181	HW5305(Dic)	5.4	30S	5	20S	0.9	10MS	8.9	20S
182	MPO1403	4.8	20MS	4	20MS	0.9	10MS	1.7	10S
183	MPO1404	4.4	20MS	3.7	20MS	1.2	10S	9.6	30S
184	MACS4147	15.3	40S	3.7	10S	1.1	10S	0.6	5S
185	MACS4146	9.1	20S	4.3	20MS	0.9	10MS	5	40S
186	PWU8	31.5	80S	14.3	40S	2.8	10S	12.7	60S
187	HI8737(C)	12	30S	7	20S	1.3	10S	3	10MS
188	NIDW1557	7.6	30S	1.8	5S	1.7	10S	3.2	20S
189	DDK1066(Dic)	1.3	5MS	2.7	10MS	1.1	5S	20.1	60S
190	GW1371	7.5	20S	4.7	15MS	0.1	TS	3.8	20MS
191	GW1370	11.8	60MS	4.4	20MS	0.3	5MR	8.8	40S
192	DDW65	24.3	80S	5.7	20S	0.9	5S	1.4	10MS

193	PDW314(C)	31.2	80S	8	20MS	0.3	5MR	4.1	20S
194	GW1369	18.3	60S	4.7	20MS	0.2	TS	7.9	30S
195	MACS3949(C)	19.4	60MS	4	10S	1.1	10S	7.3	20S
196	PBN1841	14	40S	6.7	20S	1.7	10S	17.1	60S
197	UAS486	11.3	40S	3.3	10S	1.7	15S	2.6	10S
198	AKDW5520	8.1	20MS	5.7	20MS	2.2	10S	7.1	20S
199	NIDW1542	7.6	30S	1.1	5MS	2.2	15S	0.4	5MR
200	MACS5064(Dic)	3.5	20MS	0.4	10R	1.7	15S	12.1	40S
200A	Infector	80	80S	80	80S	78.9	100S	77.8	90S
201	DDK1029(Dic.C)	2	20MR	0.7	20R	0.7	5S	12.9	30S
202	JKW320	10.8	30S	8	20MS	6.4	20S	7.6	20S
203	DBW466	13	40S	2.7	10S	7	40S	8.7	40MS
204	JAUW719	23.5	60S	3.4	20S	4.4	10S	13.8	40S
205	HD3488	18.8	60S	8	20MS	12.1	40S	20.9	40S
206	HD3487	12	40S	0.7	10MR	3.4	15S	5.1	20S
207	KRL2203	18.5	40S	6.2	20MS	7	40S	15.2	40S
208	HD3486	2.8	20MS	2.7	15MS	4.8	20S	10.9	40S
209	BRW3959	15.7	40S	1.4	5MS	1.1	10S	13.2	40S
210	DBW467	29.8	60S	3	10S	6.1	30S	6	20S
211	PBW955	31	60S	1.4	5MS	0.7	5S	0.6	5S
212	DBW468	13	40S	3.4	10S	8.1	30S	4.3	20MS
213	UP3147	11.3	40MS	5.4	20S	11.4	40S	0.2	5MR
214	PBW954	52	80S	17.3	20S	9.3	40S	4.9	40S
215	HD3485	31	80S	11	20S	12.2	40S	7.2	20S
216	PBW956	24	60S	8.4	20MS	2.4	10S	1.7	10S
217	HI1612(C)	54.5	80S	18.2	80S	0.7	5S	11.2	60S
218	WH1339	16	40S	7.3	20MS	12	50S	8.5	20S
219	WH1340	11	40MS	6.3	10S	7.2	30S	15.6	60S
220	K2310	22.9	80S	7	20MS	2.7	10S	17.7	40S
220A	Infector	80	80S	80	80S	77.8	100S	78.9	90S
221	HUW861	22	60S	13	20S	23.4	50S	20	40S
222	K1317(C)	23	60S	11	20S	15.7	40S	10.7	40S
223	PBW644(C)	18	40S	6.3	10S	14.2	40S	20.2	60S
224	DBW465	18.3	30S	2.7	10S	4.8	20S	8.9	40MS
225	PBW953	20.8	40S	5.6	20S	1.7	15S	1.2	5S
226	NIAW3170(C)	21.3	60S	5.7	10S	2.8	10S	29.1	40S
227	GW563	2.4	10MS	2.1	10S	0.6	5S	30.7	60S
228	DDW68(d)	19.3	60S	3.5	10S	2.2	20S	3.1	10S
229	MACS6851	3.8	20MS	3.7	20S	0.6	5S	63.3	80S
230	HI8856(d)	20.4	40S	4.7	20S	2.3	15S	5.6	20S
231	HI8857(d)	17.5	40S	3.7	10S	1.8	20MS	2.7	10MS

232	PBN2115	8.1	20S	3	10S	14.2	60S	30.4	60S
233	DBW469	9	20S	5	10S	8.7	30S	31	60S
234	MACS6850	5	30MS	2.4	10S	4.6	40S	22.4	80S
235	MP1405	2.2	10MS	2.7	10S	6.4	20S	27.4	40S
236	GW1372(d)	2.6	10MS	5.1	20MS	15.8	40S	55.6	80S
237	UAS3034	13.5	20S	5	10S	8.5	30S	37.3	60S
238	CG1052	12.1	20S	11.7	20S	23.4	90S	62.2	60S
239	UAS487(d)	7.9	20S	5.3	20MS	0.1	TS	3.1	20S
240	NIAW4533	5.3	10S	2.7	10S	0	0	22.7	60S
240A	Infector	77.5	80S	83.3	100S	82.2	100S	77.8	90S
241	AKAW5441	10	20MS	6.3	20MS	9	40S	70	90S
242	DBW110(C)	15	40S	9	20MS	13.7	40S	41.1	60S
243	MP3601	9.3	20MS	13.3	20S	27.9	70S	38.9	60S
244	HI1700	0.9	5MS	3	10MS	2.2	10S	52.2	80S
245	DBW470	15.3	40S	7.8	20MS	6.7	20S	9.3	40MS
246	HI1702	12.3	40S	8.7	20MS	10	30S	27.2	60S
247	HI1605(C)	19	60S	16.7	40S	24.1	60S	24.6	40S
248	HI8627(d)(C)	6.1	20MS	5.4	20MS	0.6	5S	5.3	20S
249	HI1701	2.5	10S	2	10S	3	20S	37.3	60S
250	NIDW1561(d)	17.6	40S	6.7	20MS	1.1	10S	6.8	20S
251	UAS446(d)(C)	18.8	40S	5.3	20MS	1.7	15S	3	20MS
252	HD3492	9.3	30S	3	10MS	1.1	10S	62.2	80S
253	DBW473	18.8	40S	4.3	20S	7.8	40S	11.8	40S
254	UP3148	32.1	80S	8.7	40S	2.7	20S	9.3	20S
255	GW568	10	40S	1	10MR	0.1	TS	58.9	80S
256	HD3489	28	60S	13.8	40S	2.2	10S	5.3	20S
257	PBW934	22.3	40S	5.7	20MS	9.5	40S	4.3	20S
258	HD3491	25.5	60S	7	20MS	8.4	30S	7.9	20S
259	PBW932	17	40S	3.7	20S	5.6	40S	2.2	10S
260	DBW471	15	40MS	4.1	10S	12.8	50S	11.3	40S
260A	Infector	80	80S	83.3	100S	82.2	100S	77.8	90S
261	PBW935	24.3	60S	4.7	10S	5.7	20S	5.9	20S
262	DBW474	14.7	40MS	4.7	10S	7.8	40S	12.7	20S
263	PBW933	36.3	60S	2.4	5MS	12.5	40S	1.7	10MS
264	DBW327(C)	18.9	40S	9.3	20MS	10.8	40S	17.4	40S
265	RAJ4591	36.5	80S	8	20S	0.6	5S	2.2	10S
266	DBW472	8.7	30S	5.9	20MS	0.9	20MR	8.2	20S
267	WH1333	18.8	40S	5.5	20MS	10	30S	5.9	20S
268	MP1406	2	10MS	0.7	10MR	2.7	20S	20.3	40S
269	DBW303(C)	13.3	40S	2.4	10S	2.6	10S	21.2	40S
270	DBW475	11.1	20S	7	20S	7.8	30S	19.6	40S

271	GW564	6.4	20S	6.3	20S	0.6	10MR	57.8	80S
272	HD3490	39.5	80S	10	40S	0.2	TMS	3.8	10S
273	PBW931	16.5	40S	6.7	20S	20	60S	1.1	10S
274	WH1334	12.7	40S	5.2	20MS	5.9	20S	11.6	40S
275	DBW371(C)	24.1	40S	4.3	20S	7.8	40S	15.1	40S
276	DBW187(C)	14.3	40MS	4	10S	5.2	20MS	8.8	40MS
277	DBW327(C)	15.9	40MS	6.4	20MS	15.2	40S	18.4	60S
278	DBW438	22	40S	3.4	10S	8.9	40S	10.1	40S
279	DBW372 (C)	20	40S	9.7	20S	12.1	40S	27.7	60S
280	PBW872(C)	21.1	60S	11	20S	14.1	60S	20.4	40S
280A	Infector	80	80S	80	80S	81.1	100S	75.6	90S
281	DBW445	14.4	40S	2.7	10MS	7.9	40S	13.4	60S
282	HD3461	5.7	20MS	2	10S	2.6	10S	7.1	20S
283	HD3463	4.3	20MS	1.7	10MS	2.3	10S	5.7	20MS
284	DBW434	20.8	60S	11.3	20S	8	30S	13.3	60S
285	CG1044*	19	60S	13	40S	26.2	90S	67.8	80S
286	MP1399	15.3	40S	12.3	40S	6.9	20S	41.2	60S
287	WH1320	13.5	20S	7	20MS	13	40S	11.1	40S
288	GW322 (C)	12.3	30S	10	20S	17.6	70S	47.3	60S
289	GW543*	12.8	40S	4.4	20MS	10.6	40S	44	60S
290	PBW906	14.5	40S	8	20S	10.1	40S	13.3	40S
291	DBW377(I) (C)	10.8	20S	7	20S	10.2	50S	10.7	40S
292	PBW929	15.5	30S	2	10S	2.1	10MS	7.2	40S
293	DBW303(C)	16.3	40S	2.5	10S	10.6	40S	18	40S
294	DBW436	17.8	40MS	2.7	10S	8.8	40S	12.7	60S
295	HD3493	8.4	20S	2	10S	0	0	5.3	20S
296	VL2058	11	20S	5	20S	14.8	60S	11.6	40S
297	VL2057	1.8	5MS	2.5	15MS	5.9	20S	19	40S
298	HPW499	19.8	60S	14.3	40S	16.2	60S	17.4	60S
299	HS701	5.5	20MS	2	10S	2.4	20S	19	60S
300	VL2055	17	40S	7.7	20MS	3.8	10S	10.2	40S
300A	Infector	80	80S	80	80S	81.1	100S	77.8	90S
301	HPW502	22.3	80S	11	20S	17.7	80S	19.7	40S
302	VL2056	25.3	80S	6.7	20MS	0	0	12.8	40S
303	SKW367	7.8	40MS	2	20MR	0.9	10MS	1.9	10S
304	HPW501	36.3	100S	3	10S	8.3	40S	10.2	40MS
305	HS507 (C)	1.6	20MR	8.5	20S	12	30S	9.3	20S
306	HS702	8.3	40S	3.7	20S	16.3	60S	16.6	40S
307	HPW500	14.5	60S	6.7	10S	8.7	20S	11.7	20S
308	HS700	17.6	60S	6.7	20S	13.6	60S	4	10S
309	UP3149	15.8	40S	8	20S	24.2	70S	5.6	20S



310	VI3031	15.5	60S	3.7	20MS	7.6	20S	3.8	10S
311	HS705	27.5	60S	11.7	20S	3.2	15S	5.2	20S
312	HPW503	21.8	60S	7	20S	5.6	20S	11.3	40S
313	VI3035	7.3	20S	8	20S	19.9	70S	20	40S
314	HPW504	19.5	60S	14.7	40S	31.6	80S	3.3	20S
315	HPW505	38	80S	17.3	40MS	21.9	60S	7.9	40S
316	VL892 (C)	10.8	40S	6.3	20MS	16	60S	18.9	60S
317	HS703	27	60S	8.4	40S	11.7	40S	6.8	40S
318	VL3034	28.5	60S	8.9	20S	7.2	40S	2	10S
319	VL3036	17.3	80S	6.4	20S	8	40S	21.4	60S
320	HS698	2	20MR	3.7	20S	0	0	4.3	10S
320A	Infector	80	80S	83.3	100S	80	100S	76.7	90S
321	HS704	1.8	5MS	1	10MR	1.1	5S	2.6	10MS
322	HS490 (C)	25	80S	12.2	40S	5.8	20MS	16.6	40S
323	VL3033	54	100S	15.3	40S	14.8	60S	12.5	40S

Decoded AVT (2023-24)

AVTs No.	Entry Name	Stem rust (S)		Leaf Rust (S)		Leaf Rust (N)		Stripe Rust (N)	
		ACI	HS	ACI	HS	ACI	HS	ACI	HS
1	HD3086(C)	47.5	80S	26	60S	39.8	100S	7.3	60S*
2	HI1668	13.3	20S	7.7	20S	21	60S	6.7	20S
3	HD3494	7.8	20S	7.7	20S	30.1	60S	1.4	10S
4	DBW417	41	60S	5.4	20MS	8.9	30S	10.7	40S
5	DBW88 (C)	7.4	20S	1.4	10MR	13.1	50S	27.6	60S
6	PBW957	15.3	40S	6.4	20MS	17.9	60S	1.7	10S
7	DBW222(C)	18.1	40S	1.9	10MR	5.4	20S	14.4	40S
8	DBW477	14.6	40S	6	20MS	9	30S	3.8	20S
9	HD3471	12.5	20S	3.4	10S	9.1	30S	6.9	40S
10	PBW916	20.3	40S	1.9	10S	10.6	20S	0.4	5MS
11	DBW386	14.2	40S	8	20S	15.9	30S	4.8	10S
12	PBW826(C)	17.8	60S	4.8	20MR	11.7	40S	8.1	20S
13	DBW476	7.1	40MS	3.7	10MS	9.4	30S	2.2	10S
14	HD2967	24.3	40S	5.8	20S	19.3	60S	46.7	60S
15	PBW725	7.5	20MS	3	10S	12.9	40S	0.4	5MR
16	HD3386(I)(C)	14	40S	6	20S	17.2	40S	5.5	20S
17	PBW958	23.8	60S	5.5	20S	23.2	90S	1.9	10MS
18	HD3455	17.5	40S	8	20S	2.6	10MS	3	20MS
19	HD3059(C)	6.8	20MS	2.5	5S	4.9	20S	28.4	60S
20	JKW261(C)	36.3	60S	3.7	10S	5.1	20S	19.1	40S
20A	Infector	80	80S	80	100S	80	100S	80	90S
21	NW8071	5.9	20S	4.1	10S	10.6	30S	7.3	20S

22	DBW173(C)	2.9	20S	2.2	5S	6.2	30S	5.3	20MS
23	WH1324	13	20S	4.3	10MS	12	40S	3.2	10MS
24	DBW422	26.3	40S	10.7	20S	22.1	50S	12	40S
25	RAJ4581	18.3	40S	2	5MS	7.2	20S	6.4	20S
26	HD3428	15.6	40S	4.7	20S	1.4	5S	7.6	40S
27	HD3495	17.5	40S	10	20S	18.7	40S	1	10MR
28	PBW771(C)	18.5	60S	3.9	20MR	2.9	20S	5.7	20MS
29	PBW921	19	40S	6.8	20S	15.6	40S	2.1	10MS
30	PBW644(C)	11.4	30S	11.7	20S	14.6	60S	27.7	80S
31	HI1653(C)	12	20S	6.7	20S	21.3	60S	7.8	20S
32	PBW927	8	20S	5	20S	6.4	20S	1.3	10MS
33	HD3369	25.2	60S	5.1	20S	1.9	10MS	1.4	10MS
34	HD3468	9	20S	7.7	20S	20.9	50S	7	20S
35	NIAW3170(C)	28.5	80S	12.5	40S	3.1	10S	27.6	60MS
36	WH1326	14.4	40S	8	20S	23.3	60S	10.3	40MS
37	DBW296	18	60S	5	20S	8.9	40S	1.4	10MS
38	JKW304	16.8	40S	11	20S	32.4	60S	6.2	40S
39	WH1402(I)(C)	9	20S	1.7	10MR	3.8	20S	1.3	10MS
40	PBW908	38.5	60S	10.7	40S	4.4	20S	5.1	40S
40A	Infector	77.5	80S	80	80S	80	100S	81.1	90S
41	HP1978	3.3	10MS	4	20MS	1.9	10S	2.9	10S
42	HD3447	14.8	40S	7.8	20S	4.4	15S	6.9	20S
43	PBW915	24	60S	7	20MS	0.2	TS	0	0
44	HD3388(I) (C)	17	20S	3.8	10MS	2.4	20S	2.4	10MS
45	UP3124	19.5	40S	8.4	20MS	24.2	80S	9.4	40S
46	KRL2106	8.8	10S	3.7	10MS	6.4	20S	12.2	40MS
47	HD3249 (C)	16.3	40S	8	20MS	17.2	40S	11	40MS
48	PBW913	11.8	20S	7.7	10S	15	40S	1.4	10MS
49	HD3467	14.6	40S	4	10MS	17.4	40S	4.7	20S
50	BCW29	12.3	30S	7	20MS	19.3	60S	5.1	20S
51	UP3123	25.8	60S	7.3	20S	6.4	20S	12.4	40S
52	HI1563 (C)	3.6	20MS	1	10MR	5	20S	65.6	100S
53	DBW107(C)	35	80S	15.3	40S	18.7	40S	10.2	20S
54	PBW833(C)	28.3	60S	4.4	20S	1.2	5S	8.1	40MS
55	WH1323	11.5	20S	1.9	5S	17.8	40S	10.2	40S
56	HD3118(C)	31.5	80S	16	20S	29.4	60S	9.8	40S
57	HI1621(C)	35	80S	15	30S	28	60S	7.6	20S
58	HD3171 (C)	20.1	40S	14.7	20S	34.7	60S	28.7	80S
59	HD3460	18.3	60MS	4.7	20MS	7.4	40S	22.7	60S
60	HD3293 (C)	13.8	40S	13	20S	31.1	60S	6	40MS
60A	Infector	80	80S	80	80S	82.2	100S	81.1	90S

61	HI1612 (C)	56.5	80S	20.5	80S	5.2	20MS	10	40S
62	K1317(C)	27	60S	16.3	40S	12.6	40S	13.6	40S
63	VL2041 (C)	7.8	20S	5.7	10S	14.2	40S	24.6	60S
64	HPW349 (C)	31.8	80S	13.3	40S	9.2	30S	12.6	40S
65	VL2059	9.3	60S*	3	20MS	0.6	10MR	2.7	20MS
66	HS562 (C)	42	80S	9.8	20S	18	40S	2	10S
67	VL907 (C)	4.6	20S	5.2	20S	19.5	40S	10.7	40MS
68	MACS6837	17	40S	6.3	20MS	9.4	30S	38.3	60S
69	MACS4125(d)	10	30MS	2.4	10MS	1.1	10MS	3.4	20MS
70	MACS4135(d)	9.5	40MS	2.5	10S	1.1	10MS	1.6	20MR
71	HI1669	9.3	40S	3.7	10S	1	10MS	63.3	100S
72	HI1683	4.8	20MS	3.7	10S	2	10S	48.7	80S
73	HI1684	8.5	40MS	2.3	10S	1.1	10S	68.9	100S
74	HI8848(d)	5.1	20MS	5.3	20MS	2	10S	12.3	40MS
75	HI8849(d)	6.4	20MS	6.3	20MS	0.4	10MR	6.1	20MS
76	HI8850(d)	3.6	10MS	2.3	10MR	0.1	TMS	4.2	10S
77	GW554	6.5	30MS	3.4	10MS	2	10MS	68.9	80S
78	GW555	6.8	40MS	4.7	20MS	2.1	10S	64.4	80S
79	MP3570	17.3	40S	15.3	60S	33.3	60S	50	80S
80	MPO1395	19.8	60S	6	20S	5.2	20S	7	20S
80A	Infector	80	80S	76.7	80S	80	100S	82.2	90S
81	GW322	18.8	40S	7	20MS	28.3	80S	46.2	80S
82	MACS6768	9.3	30S	4.3	10S	2.9	10MS	80	100S
83	HI1650	8.3	30MS	1.4	10MR	2.6	10MS	30.4	60S
84	GW547(l)	2.8	20MR	2.4	10S	2.1	15MS	24.9	60S
85	HI8737(d)	13.5	40MS	2.6	10S	1.7	15MS	4.9	10MS
86	HI8713(d)	7.3	40MS	3.4	10MS	1.6	15MS	15.2	60S
87	HI1674	4.3	20MS	2.7	10MS	0.9	10MS	52.2	80S
88	HI1687	6.7	30MS	2.4	10S	0.5	5MS	55	80S
89	WSM138	3.7	20S	2.7	20MR	1	10MS	31.7	60S
90	MACS6830	5.1	30MR	1.7	10MS	0.9	10MS	71.1	100S
91	DBW425	18.4	40S	9	20MS	25.6	80S	11.2	40S
92	GW556	8.9	40MS	4	20S	2.2	20S	73.3	100S
93	HD2932	28	80S	26.7	60S	39.6	60S	55	80S
94	MP4010	27.8	60S	20	40S	32.2	80S	52.8	80S
95	HI1634	12.6	40S	2.4	10S	4.2	20S	46.2	80S
96	CG1029	11.6	40S	2.4	10S	4.2	20S	67.8	90S
97	DBW441M	27.8	60S	17.3	40S	17.7	40S	44.4	80S
98	DBW428	5.1	20MS	2	10MS	2.2	20MS	6.4	20S
99	DBW432	17.5	40S	4.5	15MS	11.2	40S	2.1	10MS
100	UAS3029	31.5	80S	11	20S	8.9	30S	13.1	40MS

100A	Infector	77.5	80S	83.3	100S	85.6	100S	81.1	90S
101	UAS484(d)	14.3	40S	6.7	20S	2.3	20S	6.7	20S
102	NIAW4267	16.1	60MS	4	10S	1.8	10S	66.7	90S
103	HI8851(d)	7.3	30MS	3.2	10S	1.7	5S	3.1	20S
104	HI8852(d)	6.6	30MS	2.4	10S	0.6	5S	4.9	20S
105	MACS4131(d)	13.3	40MS	4.7	10S	0	0	0.8	5S
106	MPO1398(d)	18.4	60MS	5.4	20S	0.6	5S	3.6	20S
107	DBW110	19.5	40MS	4.1	10S	12.7	40S	40.9	80S
108	CG1036	9.5	40MS	4	20S	3.9	20S	77.8	100S
109	HI1655	1.9	10MS	1.9	10S	0.6	5S	33.6	60S
110	HI8627(d)	5.6	20S	4.4	20S	0.6	5S	6.7	20S
111	HI8823(d)	6.2	20S	2.7	10MS	1.6	10S	12.3	40S
112	DBW359(l)	15.8	40S	13.7	40S	16.4	40S	6.7	20S
113	CG1040(l)	31.5	60S	13	20S	25.6	80S	46.7	80S
114	MACS6842	19.5	40S	8.7	20S	17.3	40S	37.3	60S
115	MACS6844	8.1	20S	6.7	20S	18.1	40S	73.3	100S
116	NIAW4364	27.3	60S	14.8	40S	26.7	60S	39.4	60S
117	PBW891	5.8	20S	6.7	10S	20.2	60S	39.6	70S
118	DBW443	5.6	20MS	10.7	20S	24.9	60S	7.2	20S
119	DDW62(d)	8.6	20S	2.4	10S	7.2	60S*	1.8	20MR
120	AKAW5100	3.9	20MS	4	10S	7.1	40S	35.1	60S
120A	Infector	80	80S	80	80S	77.8	100S	81.1	90S
121	WH1306	14.3	40MS	5.7	20MS	20.3	60S	6.7	20MS
122	NWS2222	9.4	20S	3	20MR	24.7	60S	21	40S
123	UAS3026	28	60S	11.7	20S	21.3	50S	34.2	60S
124	CG1045	17	40S	11.7	20S	15.9	50S	11.2	60S
125	MPO1395(d)	16.6	60MS	4	10S	1.5	10MS	2.7	20S
126	MACS6222	9.5	40MS	4	10MS	0.1	TS	14.6	80S
127	MP1378(l)	6.3	30MS	2.4	10S	1.1	10S	53.3	80S
128	MACS3949(d)	20.1	60S	2.7	10S	1.5	10MS	1	5MS
129	DBW426	11.8	30S	1.4	10MR	0.6	5S	8.2	20S
130	MACS6829	9.3	40S	2.4	10S	1.1	10S	50	60S
131	NIAW4114	11.8	30S	2	10S	3.4	20S	78.9	100S
132	NIAW4120	5.8	30MS	4	20MS	2.8	20S	76.7	90S
133	NIAW4432	6.3	20MS	2.7	10S	1.7	10S	33.3	80S
134	UAS3027	15.8	40S	2.4	10S	4.6	20S	38.2	60S
135	LOK79	6.3	30S	2.7	10S	1.1	10S	62.2	100S
136	RAJ4083 (C)	11.8	30S	8.7	20MS	20.1	60S	32.8	60S
137	HD3090 (C)	6.6	30MS	5	20MS	2.1	10S	47.3	80S
138	HI1633 (C)	7.3	30S	2	10MS	1.2	10S	45.8	80S
139	CG1047	15.5	40S	6.5	20MS	19.4	40S	41.3	80S

140	GW1368(d)	16.5	40S	7.1	20S	4.1	20S	35.1	80S
140A	Infector	77.5	80S	83.3	100S	84.4	100S	78.9	90S
141	HI1605	22.1	60S	24	60S	38.7	60S	30.9	60S
142	NIAW3170	22	40S	10.7	20S	0.2	TS	22.2	40S
143	UAS446(d)	13.1	60MS	3	10S	1	5S	1.6	5MS
144	NIDW1149(d)	8.3	20S	2.3	10S	0.2	TS	1.1	10S
145	HI1665(l)	1.9	10MS	0.2	5R	2.8	15S	57.8	80S
146	UAS478(d)(l)	23.5	60S	3	10S	0.6	10MR	5.2	20S

Abbreviations: ACI = Average Coefficient of Infection, HS = Highest Score, \*Indicates high rust score (more than 40S) at one location only