

### IPPSN 2020-21

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	ACI	HS
					ACI	HS	ACI	HS				
<b>PAU, Ludhiana</b>												
1	IPPSN2020-1	BWL7720	2.5	20MR	7.3	20S	2.8	10S	2	15S	24	35
2	IPPSN2020-2	BWL7721	1.8	20MR	2.2	10S	2.8	10S	5.1	20S	34	46
3	IPPSN2020-3	BWL7722	10.6	20S	1	5S	0	0	0.6	5S	24	47
4	IPPSN2020-4	BWL7723	9.2	20S	1.8	10MS	0.3	TS	1.4	10S	35	46
5	IPPSN2020-5	BWL7724	9.8	20S	2.6	10MS	0	0	0	0	34	35
6	IPPSN2020-6	BWL7725	4.2	20MS	2.6	10MS	0.1	TR	0.3	5MR	35	46
7	IPPSN2020-7	BWL7726	4.1	20MS	2.2	10S	3.8	5S	0.2	TS	35	47
8	IPPSN2020-8	BWL7727	14.6	40S	6.6	10S	6.3	10S	5.4	20S	35	36
9	IPPSN2020-9	BWL7728	19.6	60S	4	10S	8.8	20S	4.9	15S	35	47
10	IPPSN2020-10	BWL7729	21.6	40S	4.4	10MS	5.1	20S	6.6	20S	35	46
11	IPPSN2020-11	BWL7730	23	40S	9.4	20MS	5	20S	7.5	30S	35	58
12	IPPSN2020-12	BWL7731	12.8	40S	6.8	20MS	0.3	TS	6.1	20S	35	67
13	IPPSN2020-13	BWL7732	14	40S	5.2	10MS	3.3	5S	4.1	20MS	35	68
14	IPPSN2020-14	BWL7733	27.6	60MS	10	40S	5	10S	4.1	20S	35	46
15	IPPSN2020-15	BWL7734	9.2	20S	2.6	5MS	0.3	TS	2.4	15S	35	47
16	IPPSN2020-16	BWL7735	30	60S	9.8	20MS	3.8	10S	3.8	30S	45	67
17	IPPSN2020-17	BWL7736	5	20MS	0.1	TMR	8.5	30S	16.6	40S	23	36
18	IPPSN2020-18	BWL7737	5.3	20MS	0.4	5MR	2.5	10S	2.5	15S	35	57
19	IPPSN2020-19	BWL7738	8.9	20S	0.1	TR	1.3	5S	4.5	20S	46	68
20	IPPSN2020-20	BWL7739	5.3	20MS	5.3	20MS	0.1	TR	5.1	20S	45	67
<b>20A</b>	<b>INFECTOR</b>		<b>76</b>	<b>100S</b>	<b>76</b>	<b>100S</b>	<b>55</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
21	IPPSN2020-21	BWL7740	7	20MS	7.2	20S	0.3	TS	5	20S	46	79
22	IPPSN2020-22	BWL7741	11.6	40MS	0	TR	0	0	4.1	15S	46	78
23	IPPSN2020-23	BWL7742	1.8	20MR	1.1	5S	2.5	5S	3	10S	35	78
24	IPPSN2020-24	BWL7743	0.9	10MR	0.9	10MR	1.3	5S	7.5	20S	45	68
25	IPPSN2020-25	BWL7744	6.4	20MS	1.7	5MS	2.7	10S	5.3	30S	45	78
26	IPPSN2020-26	BWL7745	1.7	10MS	5.6	10S	4.8	10S	4.9	30S	56	78
27	IPPSN2020-27	BWL7746	17	40S	7.7	20S	2.8	10S	4.4	20S	56	67
28	IPPSN2020-28	BWL7747	14	40S	2.1	10S	2.5	10S	2.7	20S	35	57
29	IPPSN2020-29	BWL7748	14.2	40S	1.1	5S	6.3	20S	11.3	60S	46	68
30	IPPSN2020-30	BWL7749	5.7	20S	3	10S	0.8	5MR	2.5	15S	46	78
31	IPPSN2020-31	BWL7750	34.8	100S	8.4	20S	1.3	5MS	3.9	20MS	46	68
32	IPPSN2020-32	BWL7751	36.8	100S	10	20S	5	10S	1.9	15S	56	78
33	IPPSN2020-33	BWL7752	22.4	80S	1.7	20MR	1.3	5S	1.9	15S	46	69
34	IPPSN2020-34	BWL7753	1.1	5S	3.6	20MS	0	0	0.3	5MR	45	67
35	IPPSN2020-35	BWL7754	1.5	5S	0.2	TMR	1.5	5S	0	0	46	78
36	IPPSN2020-36	BWL7755	8.9	40MS	0.1	TR	0.1	TR	3.7	15S	35	57
37	IPPSN2020-37	BWL7756	15.6	40MS	2.9	10S	1.3	5S	3.5	20S	35	46
38	IPPSN2020-38	BWL7757	8.4	20MS	0.1	TR	0	0	2.5	15S	45	67
39	IPPSN2020-39	BWL7758	7.7	20S	10.4	20S	0.3	TS	2.5	20S	35	57
40	IPPSN2020-40	BWL 7466	8.1	20S	5.3	20S	0.3	TS	19.4	40S	35	47
<b>40A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>55</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>68</b>	<b>79</b>
41	IPPSN2020-41	BWL 8231	15.4	20S	3.1	10MS	1.3	5S	3.8	30S	35	47
42	IPPSN2020-42	BWL 8846	7.8	20MS	5.9	20S	0.3	TS	2.4	15S	45	57
43	IPPSN2020-43	BWL 8878	17.2	60S	1.2	5S	5.3	10S	6.5	20S	45	46
44	IPPSN2020-44	BWL 8946	3.7	10S	7.4	20MS	0.3	TS	3.4	15S	45	67
45	IPPSN2020-45	BWL 8965	0	TR	2.1	5MS	1.5	5S	12.8	40S	35	57
46	IPPSN2020-46	BWL 9042	0.5	5MR	0.1	TR	0.3	TS	2.4	15S	45	67
47	IPPSN2020-47	BWL 9074	9	20S	3.3	10MS	1.4	5S	4.4	15S	34	46
48	IPPSN2020-48	BWL 9107	26	40S	17.2	40S	3.5	5S	2.5	20S	35	57
49	IPPSN2020-49	BWL 9168	11.3	40S	8.9	20S	2	10MS	5	40S	45	67
50	IPPSN2020-50	BWL 9183	21.6	40S	3.6	10S	0	0	2.5	20S	35	58
51	IPPSN2020-51	BWL 9187	15.2	40S	8.6	20S	0.5	5MR	4.4	20S	34	78
52	IPPSN2020-52	BWL 9228	1.3	10MR	0.2	TMR	0	0	2.5	15S	35	57
53	IPPSN2020-53	BWL 9242	1.7	20MR	1.8	10MS	0.8	5MR	3.1	20S	45	78
54	IPPSN2020-54	BWL 9244	8.4	20MS	14.8	30MS	6.8	10S	5	20S	46	67
55	IPPSN2020-55	BWL 9264	34	60S	3.7	10S	1.4	5S	5.5	40S	46	57

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			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
56	IPPSN2020-56	BWL 9297	21.6	60S	2.8	10MS	0	0	5.5	40S	45	78
57	IPPSN2020-57	BWL 9304	17.6	40S	6	20MS	0.1	TR	5.5	40S	35	57
58	IPPSN2020-58	BWL 9307	3.3	20MS	0.1	TR	0	0	4.1	20S	35	68
59	IPPSN2020-59	BWL 9312	1.7	10MS	1.6	10MS	0	0	6.3	40S	45	67
60	IPPSN2020-60	BWL 9330	15.6	40S	4.1	20S	0	0	4.8	20S	46	78
<b>60A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
61	IPPSN2020-61	BWL 9344	3.4	10MS	3.4	10MS	1	5MS	6.3	30S	34	57
62	IPPSN2020-62	BWL 9421	28	60S	7.2	20MS	11	20S	2.5	20S	35	46
63	IPPSN2020-63	BWL 9437	0.4	5MR	0.1	TR	0	0	6.3	40S	35	67
64	IPPSN2020-64	BWL 9440	13.2	40S	4.8	10S	2.3	5S	2.5	20S	34	46
65	IPPSN2020-65	BWL 9449	11.1	40S	0.1	TR	0	0	2.5	20S	35	56
66	IPPSN2020-66	BWL 9453	4.4	20MS	5.8	20MS	3.3	10MS	3	20S	45	57
67	IPPSN2020-67	BWL 9455	13.6	40S	5.4	10S	3.6	10S	7.3	40S	35	46
68	IPPSN2020-68	BWL 9461	2.7	10MS	11	20S	3.8	10S	5	40S	34	45
69	IPPSN2020-69	BWL 9472	1.7	10MS	4.9	20S	2.5	5S	4.4	15S	35	57
70	IPPSN2020-70	BWL 9499	19.6	40S	0.1	TMR	0.3	TS	10.6	40S	35	57
71	IPPSN2020-71	BWL 9505	19.2	40S	4.1	20S	0.1	TMR	14.1	40S	35	46
72	IPPSN2020-72	BWL 9508	24	60S	2	10S	2.5	5S	2.4	15S	34	67
73	IPPSN2020-73	BWL 9509	12.6	40S	4.1	10S	5.5	10S	2.4	15S	34	46
74	IPPSN2020-74	BWL 9512	29	60S	3.3	20MS	2.5	5S	5.6	30S	24	36
75	IPPSN2020-75	BWL 9520	2.9	10S	6.7	20S	5	10S	4.9	30S	35	46
76	IPPSN2020-76	BWL 9525	17.6	40S	12.1	40S	6	20S	5	30S	45	67
77	IPPSN2020-77	BWL 9749	5.3	20MS	4.9	20S	2.5	10S	12.8	40S	45	68
78	IPPSN2020-78	BWL 9752	12.3	40S	16.2	80S*	1.3	5S	9.6	30S	35	57
79	IPPSN2020-79	BWL 9755	1.4	10MR	1.8	10MS	2.6	10S	8.5	30S	34	45
80	IPPSN2020-80	BWL 9758	8.6	20MS	8.8	20S	2.3	5S	7.4	30S	45	68
<b>80A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>76</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>68</b>	<b>79</b>
81	IPPSN2020-81	BWL 9762	1.7	10MR	12.1	60S*	3.5	10S	22.3	40S	46	57
82	IPPSN2020-82	BWL 9799	12	40S	4	20MS	1.3	5S	3.8	20S	35	46
83	IPPSN2020-83	BWL 9800	9.3	20S	4.2	20S	0.1	TMR	7.1	20S	35	57
84	IPPSN2020-84	BWL 9805	8	20MS	8.8	20MS	1.3	5S	16	40S	35	47
85	IPPSN2020-85	BWL 9851	16.2	40S	8.4	20MS	1.3	5S	4.9	30S	34	57
86	IPPSN2020-86	BWL 9869	1.9	5S	1.9	5S	1.3	5S	15.3	40S	34	35
87	IPPSN2020-87	BWL 9889	18.2	60S	4.2	20S	0	0	7	40S	35	46
88	IPPSN2020-88	BWL 9914	16.4	40S	1.6	10MS	5	20S	22.8	60S	35	46
89	IPPSN2020-89	BWL 9915	12.2	40MS	3.4	5S	0	0	19	40S	45	57
90	IPPSN2020-90	BWL 9916	20.4	60S	10.6	20S	8.8	20S	31.9	60S	45	46
91	IPPSN2020-91	BWL 9921	5.6	20S	0.1	TR	1.3	5S	6.1	40S	35	45
92	IPPSN2020-92	BWL 9922	8.1	20S	4.4	10S	0.8	5MR	5.5	40S	34	47
93	IPPSN2020-93	BWL 9923	7.3	20S	0.5	5MR	0	0	6.4	40S	35	57
94	IPPSN2020-94	BWL 9924	4.9	20S	8.1	40S	1.3	5S	10	40S	35	57
95	IPPSN2020-95	BWL 9925	10.6	40S	12.9	40S	0.3	TS	12.8	40S	35	36
96	IPPSN2020-96	BWL 9926	0.9	10MR	3.1	10MS	2.5	5S	2	15S	35	46
97	IPPSN2020-97	BWL 9927	36	100S	9.8	20S	1.3	5S	3.2	15S	35	36
98	IPPSN2020-98	BWL 9928	20.6	60S	6	20MS	0.3	TS	10.4	20S	35	46
99	IPPSN2020-99	BWL 9929	6.9	30MS	2.7	10MS	5.1	20S	3.1	20S	35	47
100	IPPSN2020-100	BWL 9930	17.2	60S	1.8	5S	8	20S	5.3	20S	35	46
<b>100A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
101	IPPSN2020-101	BWL 9931	24.8	60S	1.9	5S	5.5	20S	3.5	20S	35	46
102	IPPSN2020-102	BWL 9932	13.8	60S*	1.7	10MS	1.3	5S	4.4	20S	46	67
103	IPPSN2020-103	BWL 9933	8.5	20MS	16.2	80S*	15	50S	7.4	20S	45	57
104	IPPSN2020-104	BWL 9934	18.5	80S*	17.6	60S	7.8	20S	3.8	30S	45	56
105	IPPSN2020-105	BWL 9935	54	100S	14.4	20S	7.8	20S	2.5	20S	35	46
106	IPPSN2020-106	BWL 9936	58	100S	19.2	40S	6.3	20S	10.5	40S	45	57
107	IPPSN2020-107	BWL 9937	7.3	40MS	2.5	20MR	2.3	10MS	2.5	20S	35	47
108	IPPSN2020-108	BWL 9938	7.3	20S	22.4	80S	3.5	10S	16	40S	35	46
109	IPPSN2020-109	BWL 9939	22.4	100S*	5.6	20S	0.3	TS	5.1	20S	46	57
110	IPPSN2020-110	BWL 9940	23.2	100S	6.9	20S	2.3	10MS	4	20S	35	57
111	IPPSN2020-111	BWL 9941	25.3	80S	4.4	10S	2.5	10S	13.9	30S	45	57
112	IPPSN2020-112	BWL 9942	16.5	60S	7.2	20S	6.3	20S	6.5	20S	45	47
113	IPPSN2020-113	BWL 9945	9.2	20S	4	20S	0.3	TS	16.3	40S	34	36

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			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
114	IPPSN2020-114	BWL 9946	14.2	40S	4	10S	7.5	20S	15.5	60S	35	46
115	IPPSN2020-115	BWL 9948	12.9	40S	5.6	20S	3.3	10S	9.8	40S	35	46
116	IPPSN2020-116	BWL 9949	11.8	40S	0.2	TMS	1.3	5S	10	20S	45	57
117	IPPSN2020-117	BWL 9951	11	20MS	0.9	5MS	0.3	TS	22.8	60S	35	56
118	IPPSN2020-118	BWL 9954	3.8	10S	3.3	20MS	5.1	20S	23	40S	35	57
119	IPPSN2020-119	BWL 9958	2.1	10S	2	10S	0.3	TS	5.4	20S	35	46
120	IPPSN2020-120	BWL 9960	30	80S	32	80S	20	60S	7	20S	46	67
<b>120A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>50</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>68</b>	<b>79</b>
121	IPPSN2020-121	BWL 9962	14.2	40S	6.1	20S	1.3	5S	3	15S	45	67
122	IPPSN2020-122	BWL 9965	13.2	40S	4.9	20S	2.3	5S	2.9	15S	35	46
123	IPPSN2020-123	BWL 9966	21.2	40S	7	15MS	1.3	5S	3.4	15S	35	46
124	IPPSN2020-124	BWL9967	34	60S	5.1	20S	5.5	10S	3.9	15S	35	37
125	IPPSN2020-125	BWL9968	5.3	10S	0.6	5MR	7.5	30S	0	0	35	57
126	IPPSN2020-126	BWL9969	24.8	40S	0.9	10MR	0.3	TS	6.5	20	35	36
127	IPPSN2020-127	BWL9970	9.3	20S	5.1	15MS	0.3	TS	17.5	40S	45	46
128	IPPSN2020-128	BWL9971	38	80S	6	20S	2.8	10S	3.3	20S	34	36
129	IPPSN2020-129	BWL9972	39.2	80S	3.6	20MS	1.3	5S	5	20S	24	36
130	IPPSN2020-130	BWL9973	35.2	80S	9.2	40S	7.5	20S	5.5	20S	35	47
131	IPPSN2020-131	BWL9974	13.7	60MS	6.7	20S	3.8	10S	7.5	30S	46	47
132	IPPSN2020-132	BWL9975	14.8	40S	5.8	20MS	5.1	20S	6	30S	35	45
133	IPPSN2020-133	BWL9976	40	60S	5.8	20MS	9.8	20S	5	20S	35	47
134	IPPSN2020-134	BWL9977	5	20MS	1.7	5MS	1.4	5S	4.1	20S	34	46
135	IPPSN2020-135	BWL9978	24	60S	2.5	5MS	3.8	10S	6.8	20S	45	46
136	IPPSN2020-136	BWL9979	25.6	80S	28	60S	21.3	40S	2.1	15S	35	57
137	IPPSN2020-137	WG2107	4.2	20MS	7.4	20MS	4	10S	3.8	20S	24	24
138	IPPSN2020-138	WG2112	0.8	5MS	18.8	80S	2.5	10S	12.5	30S	34	35
139	IPPSN2020-139	WG2113	21.6	40S	4.4	10S	2	5S	2.8	20S	35	46
140	IPPSN2020-140	WG2115	11.2	20S	15.3	60S	2.5	10S	2.5	20S	45	57
<b>140A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>68</b>	<b>79</b>
141	IPPSN2020-141	WG2120	20.2	40S	3.1	10S	1.3	5S	11.9	20S	35	57
142	IPPSN2020-142	WG2121	28.1	60S	3.4	20MS	2.5	10S	3.6	15S	34	45
143	IPPSN2020-143	WG2130	5.2	10S	6.4	20S	1.5	5S	4.5	20S	35	47
144	IPPSN2020-144	WG2133	3.7	10MS	2	20MR	0.3	TS	11.9	60S	35	56
145	IPPSN2020-145	WG2152	13.1	40S	12.8	20S	13.5	20S	21	40S	46	46
146	IPPSN2020-146	WG2157	9.8	40S	1.1	5S	1.3	5S	5.3	20S	45	56
147	IPPSN2020-147	WG2173	42.6	80S	17.6	80S*	4.3	10S	9	40S	35	46
148	IPPSN2020-148	WG2176	22.6	60S	37	80S	15.3	60S*	8.4	40S	35	46
149	IPPSN2020-149	WG2194	3	10S	20	80S	6.4	20S	17	40S	35	45
150	IPPSN2020-150	WG2195	7.3	40MS	9.6	40S	3.5	10S	2.8	20S	35	46
151	IPPSN2020-151	WG2205	5.6	20MS	14.8	60S*	3.5	10S	2.5	20S	24	35
152	IPPSN2020-152	WG2206	3.3	20MS	0.4	5MR	0.3	TS	6.5	20S	24	37
153	IPPSN2020-153	WG2207	18	60S	26	40S	18.8	40S	7.5	60S	35	37
154	IPPSN2020-154	WG2220	8.2	40S	2.4	10MS	6	10S	13	60S	34	46
155	IPPSN2020-155	WG2233	4.1	10S	11.3	40S	2.8	10S	8.3	20S	34	46
156	IPPSN2020-156	WG2248	9.1	40S	16.8	60S	5.5	10S	12.9	60S	35	57
157	IPPSN2020-157	WG2251	8.2	40S	6.8	20S	8.5	20S	11.3	40S	36	68
158	IPPSN2020-158	WG2296	11.1	40S	8.8	40S	1.3	5S	3.6	20S	25	36
159	IPPSN2020-159	WG2297	22.1	80S	4.2	20MS	0	0	4.2	20S	35	46
160	IPPSN2020-160	DWG2339	21.6	100S*	8.9	20S	7.3	20S	2.8	20S	35	46
<b>160A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
161	IPPSN2020-161	DWG2352	28.9	80S	3.3	20MS	1.4	5S	1.3	10S	35	56
162	IPPSN2020-162	DWG2358	27.2	100S	2.7	10MS	8.5	30S	1.3	10S	35	37
163	IPPSN2020-163	DW574	2.5	20MR	4.9	20MS	8	30S	7.8	60S*	35	45
164	IPPSN2020-164	DW575	29.6	100S	9.3	20S	8	20S	7.7	60S*	45	67
165	IPPSN2020-165	DW576	36	100S	23.3	100S	3.5	10S	3.4	20S	45	67
166	IPPSN2020-166	DW577	22.4	100S*	5.3	20MS	3.5	10S	5.1	40S	45	67
167	IPPSN2020-167	DW578	22.4	100S*	4.1	20S	6.3	20MS	3.5	20S	34	36
168	IPPSN2020-168	DW579	24.1	100S	2.5	20MR	6.5	20S	2.8	15S	35	46
169	IPPSN2020-169	DW580	22.4	100S*	4.1	20MS	4.5	10S	2.4	15S	35	37
170	IPPSN2020-170	DW581	22.4	100S*	1.7	10MS	1.8	5S	8.5	40S	45	57

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
171	IPPSN2020-171	SKW-361	20	80S*	8	20MS	7.3	20S	6.3	40S	46	67
172	IPPSN2020-172	SKW-362	33.6	80S	10	40S	4.3	10S	4.7	15S	46	57
173	IPPSN2020-173	SKW-363	27.4	80S	5	20S	2.4	5S	15.1	60S	45	57
174	IPPSN2020-174	SKW-364	19.4	80S	6.4	10S	9.3	20S	11.6	60S	35	57
175	IPPSN2020-175	SKW-365	10.7	40S	6.4	20S	8.9	30S	3.7	10MS	45	67
<b>Nuziveedu Seeds</b>												
176	IPPSN2020-176	NWS2214	15.3	40S	6.8	20MS	2.5	10S	4.3	20S	46	67
177	IPPSN2020-177	NWS2222	14.5	40S	6.8	20MS	5	10S	25.5	60S	46	67
<b>SDAU, Vijapur</b>												
178	IPPSN2020-178	VA 2019-14	13.7	40S	4.2	20MS	5	20S	32.4	80S	45	67
179	IPPSN2020-179	VA 2019-06	8.9	20S	1.9	5S	1.3	5S	55	80S	46	67
180	IPPSN2020-180	VA 2019-03	1.8	5MS	1.7	20MR	2.5	10S	51	80S	46	67
180A	<b>INFECTOR</b>		<b>72</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>70</b>	<b>100S</b>	<b>68</b>	<b>79</b>
181	IPPSN2020-181	VA 2019-15	0.8	10MR	1.6	10MS	0.3	TS	20.8	40S	45	57
182	IPPSN2020-182	VA 2019-02	1.7	10MR	1.7	20MR	1.8	5S	26	60S	46	67
183	IPPSN2020-183	VA 2019-10	0.8	10MR	4.3	20MS	12.5	40S	43.5	60S	46	78
184	IPPSN2020-184	VA 2019-31	0.9	10MR	2.1	10S	1.3	5S	45	60S	56	78
185	IPPSN2020-185	VA 2019-09	0.9	10MR	4	20S	0.1	TR	50.5	60S	57	78
186	IPPSN2020-186	VA 2019-37	0.4	5MR	0.4	5MR	1.3	5S	38.5	60S	56	78
187	IPPSN2020-187	VA 2019-34	0.2	5R	0.1	TR	2.5	10S	43.3	60S	46	57
188	IPPSN2020-188	VA 2019-28	1.2	10MR	1.6	10MS	0.3	TS	49.5	60S	56	78
189	IPPSN2020-189	VA 2019-22	4.8	20S	1.6	10MS	2.5	10S	22.5	40S	56	78
190	IPPSN2020-190	VA 2019-24	0	TR	3.7	20MS	1.5	5S	47	80S	56	78
191	IPPSN2020-191	VA 2019-21	0.8	10MR	0.9	10MR	0.3	TS	19	40S	56	78
192	IPPSN2020-192	VA 2019-17	0	TR	1.7	20MR	1.3	5S	27.3	40S	46	57
193	IPPSN2020-193	VA 2019-20	0.4	10R	2	10S	2.5	10S	32.6	60S	46	78
194	IPPSN2020-194	VA 2019-23	1.6	10MR	7.6	20S	12.3	40S	32.5	60S	56	78
195	IPPSN2020-195	VA 2019-16	14.2	40MS	11.2	40S	7.5	20S	34.5	60S	46	67
196	IPPSN2020-196	VD 2019-2	0.1	TMR	0.1	TR	7.5	30S	12	20S	45	67
197	IPPSN2020-197	VD 2019-4	0.1	TMR	2.1	10MS	1.8	5S	6.7	40S	35	45
198	IPPSN2020-198	VD 2019-5	0.9	10MR	1.7	20MR	2.5	10S	6.3	40S	46	68
199	IPPSN2020-199	VD 2019-3	1.9	10MR	1.7	10MS	1.3	5S	4.4	15S	56	78
200	IPPSN2020-200	VD 2019-8	5.6	20S	0.2	TMR	0.8	5MR	1.9	15S	46	68
200A	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
201	IPPSN2020-201	VD 2019-1	10	40MS	4.9	20S	1.8	5S	10.5	60S*	46	78
202	IPPSN2020-202	J 19-35	10	40MS	3.8	10S	6.4	20S	29.8	60S	56	67
203	IPPSN2020-203	J 19-36	4.3	20MS	0.8	10MR	2.5	10S	21.5	60S	46	67
204	IPPSN2020-204	J 19-29	1.9	5S	4.8	20S	10	20S	28	60S	46	78
205	IPPSN2020-205	J 19-20	4.4	20MS	8.1	40S	6.3	20S	44.5	80S	35	67
206	IPPSN2020-206	J 19-19	2.6	10MS	4.1	20S	10.3	40S	45	80S	45	57
207	IPPSN2020-207	J 19-33	0.3	5R	0.1	TR	0.3	TS	38.5	80S	46	68
208	IPPSN2020-208	J 19-03	2.5	10S	1.7	20MR	4	10S	19.1	40S	45	57
209	IPPSN2020-209	JD 19-08	12.9	40S	6	10S	2.3	5S	8.3	40S	45	68
210	IPPSN2020-210	GW 1353	2.8	10S	1.7	10MS	1.3	5S	50	80S	56	78
211	IPPSN2020-211	DR-19-28	4	20MS	3.3	20MS	3.8	10S	43.5	80S	56	78
212	IPPSN2020-212	DR-19-38	9.3	40S	5.6	20S	7.5	20S	40	60S	56	78
<b>JNKVV Powarkheda</b>												
213	IPPSN2020-213	IPPSN-21-01	5.3	20MS	16.8	60S	5	10S	6.5	15S	46	67
214	IPPSN2020-214	IPPSN-21-02	12.1	60S*	2.1	20MR	1.3	5S	3.4	15S	35	47
215	IPPSN2020-215	IPPSN-21-03	5.4	20MS	18	80S*	3	10S	23.5	40S	35	46
216	IPPSN2020-216	IPPSN-21-04	19.3	80S*	3.7	10MS	1.3	5S	8.3	40S	36	57
217	IPPSN2020-217	IPPSN-21-05	15.8	40S	2.4	5S	3.5	10S	9.4	40S	35	67
218	IPPSN2020-218	IPPSN-21-06	23.3	100S*	3.2	10MS	2.5	10S	2.4	15S	35	78
219	IPPSN2020-219	IPPSN-21-07	19	40S	23.2	100S	2.5	10S	21.5	40S	35	46
220	IPPSN2020-220	IPPSN-21-08	11.2	20MS	9.6	30S	7.3	20S	65	80S	45	67
220A	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>72.5</b>	<b>80S</b>	<b>68</b>	<b>79</b>
221	IPPSN2020-221	IPPSN-21-09	1.8	5S	1.6	10MR	2.6	10S	37.5	60S	35	46
222	IPPSN2020-222	IPPSN-21-10	17.8	80S*	7.2	20MS	11.3	40S	3.5	15S	36	57
223	IPPSN2020-223	IPPSN-21-11	17.1	80S*	2	20MR	2.5	10S	36.8	60S	35	47
224	IPPSN2020-224	IPPSN-21-12	20.1	60S	13.7	60S*	3.5	5S	34.8	60S	35	46
225	IPPSN2020-225	IPPSN-21-13	27.3	100S	3.2	10MS	0.5	5MR	6.9	20S	45	68

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
226	IPPSN2020-226	IPPSN-21-14	36.8	100S	4	20MS	1.3	10MR	2	15S	35	57
227	IPPSN2020-227	IPPSN-21-15	24.8	80S	12.1	40S	7.3	20S	5.5	20MS	35	47
228	IPPSN2020-228	IPPSN-21-16	41.2	80S	15.3	4S	13.3	40S	4.5	20S	45	57
229	IPPSN2020-229	IPPSN-21-17	7.3	20MS	12.9	40S	7.6	20S	34.4	60S	46	67
230	IPPSN2020-230	IPPSN-21-18	17.9	80S*	3.2	20MS	0.3	TS	29.5	40S	46	78
231	IPPSN2020-231	IPPSN-21-19	16.8	60S	9.8	40S	18.8	60S	21.3	60S	46	67
232	IPPSN2020-232	IPPSN-21-20	26.8	100S	25.2	60S	20	40S	51.3	60S	35	46
233	IPPSN2020-233	IPPSN-21-21	17.7	80S*	3.3	20MS	0.1	TMR	34	60S	35	57
234	IPPSN2020-234	IPPSN-21-22	18.5	60S	2.9	10S	2.3	5S	4	30S	46	78
235	IPPSN2020-235	IPPSN-21-23	29	80S	6.4	20S	4	10S	2.8	20S	46	67
236	IPPSN2020-236	IPPSN-21-24	9.7	40S	3.3	10MS	3.3	5S	2.5	15S	46	67
237	IPPSN2020-237	IPPSN-21-25	19.3	80S	6	10S	12.8	40S	46.3	60S	46	78
238	IPPSN2020-238	IPPSN-21-26	15.3	60S	8	20S	6.3	20S	52	80S	46	78
239	IPPSN2020-239	IPPSN-21-27	24	80S	10.4	20MS	18.5	60S	59.5	80S	46	57
240	IPPSN2020-240	IPPSN-21-28	28	80S	7.3	20S	7.5	10S	14.5	80S	35	68
<b>240A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>70</b>	<b>100S</b>	<b>67</b>	<b>79</b>
241	IPPSN2020-241	IPPSN-21-29	20	40S	1	5S	2.5	10S	37	60S	45	57
242	IPPSN2020-242	IPPSN-21-30	16	40S	3	10S	7.7	20S	17	40S	35	46
<b>CSA Kanpur</b>												
243	IPPSN2020-243	KA 2001	11.2	20S	3.3	10MS	2.7	10S	13.3	60S	35	46
244	IPPSN2020-244	KA 2002	17.2	40S	35	100S	22.5	60S	54.3	80S	45	57
245	IPPSN2020-245	KA 2003	18	40S	11.6	30MS	15	40S	18.1	40S	36	58
246	IPPSN2020-246	KA 2004	2.9	10S	11.2	20S	8.3	20S	47.5	60S	46	68
247	IPPSN2020-247	KA 2005	1.9	5S	5.7	20S	1.4	5S	40.8	60S	35	47
248	IPPSN2020-248	KA 2006	2.3	10MR	20.8	80S	2.5	5S	42	60S	45	57
249	IPPSN2020-249	KA 2007	43.4	80S	28	80S	16.3	40S	50	60S	35	46
250	IPPSN2020-250	KA 2008	19.6	40S	5.2	10S	2.8	10S	28.3	60S	35	57
251	IPPSN2020-251	KA 2009	28	60S	5.7	20S	12.5	40S	49.5	60S	46	67
252	IPPSN2020-252	KA 2010	31.2	80S	12.2	20S	27.5	40S	29.5	60S	45	57
253	IPPSN2020-253	KA 2011	2.5	10MS	0.5	5MR	1.3	5S	30.5	60S	45	57
254	IPPSN2020-254	KA 2012	17.6	40S	12.2	40S	5	20S	44.5	60S	46	67
255	IPPSN2020-255	KA 2013	40	80S	17.2	30S	22.5	60S	50	80S	46	67
256	IPPSN2020-256	KA 2014	10.4	20S	21.1	100S*	1.3	5S	42.3	60S	35	57
257	IPPSN2020-257	KA 2015	16	20S	10	40MS	2.5	10S	32	60S	45	68
258	IPPSN2020-258	KA 2016	4.9	20S	5.4	15MS	7	20S	32.3	60S	45	67
259	IPPSN2020-259	KA 2017	4.9	20S	17.6	60S	13.5	40S	15.8	60S	45	56
260	IPPSN2020-260	KA 2018	13.8	40S	5.6	20S	7.5	20S	28.1	60S	56	78
<b>260A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>72.5</b>	<b>100S</b>	<b>68</b>	<b>89</b>
261	IPPSN2020-261	KA 2019	11.6	40S	5.8	20MS	11.5	40S	14.8	40S	45	67
262	IPPSN2020-262	KA 2020	20.8	40S	10.4	20S	10	40S	22	40S	46	89
263	IPPSN2020-263	KA 2021	8.5	40MS	17.7	80S*	12.5	40S	35	60S	35	45
264	IPPSN2020-264	KA 2022	15.6	20S	11.2	30S	7.7	20S	39.5	60S	35	46
265	IPPSN2020-265	KA 2023	26.4	80S	24	60S	11.3	20S	37	60S	45	57
266	IPPSN2020-266	KA 2024	15.2	60S	16.5	80S*	0.3	TS	15.3	40S	45	57
267	IPPSN2020-267	KA 2025	19.6	60S	24	80S	6.3	10S	13.3	20S	45	57
268	IPPSN2020-268	KA 2026	13.2	40S	3.3	20MS	1.3	5S	25	40S	56	89
269	IPPSN2020-269	KA 2027	6.9	40MS	4.9	20MS	2.5	5S	9.4	20S	56	68
270	IPPSN2020-270	KA 2028	21.2	60S	9.2	20S	0.4	TS	28.2	60S	35	57
271	IPPSN2020-271	KA 2029	26.5	80S	16.8	40S	4	10S	42.3	80S	45	56
272	IPPSN2020-272	KA 2030	0.1	TR	1.7	10MS	1.3	5S	11.3	20S	46	57
273	IPPSN2020-273	KA 2031	3.3	20MS	4.9	20S	1.3	5MS	18.5	40S	46	78
274	IPPSN2020-274	KA 2032	14.5	40S	9.6	20S	13.8	40S	34.5	60S	36	46
275	IPPSN2020-275	KA 2033	7.7	20S	19.3	80S	3.1	10S	36.6	60S	35	68
276	IPPSN2020-276	KA 2034	11.6	40MS	1.6	20MR	0.1	TR	33.1	60S	45	78
277	IPPSN2020-277	KA 2035	3.7	10S	4.2	10MS	5	20S	35.8	60S	46	78
278	IPPSN2020-278	KA 2036	6.5	20S	6	20S	4	10S	34.8	60S	35	57
279	IPPSN2020-279	KA 2037	16.1	40S	20	80S	8.8	20S	33.5	60S	35	36
280	IPPSN2020-280	KA 2038	4.8	20S	22.4	100S*	2.8	10S	36	60S	46	78
<b>280A</b>	<b>INFECTOR</b>		<b>76</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>70</b>	<b>100S</b>	<b>67</b>	<b>79</b>
281	IPPSN2020-281	KA 2039	12.1	40S	15.2	60S*	0.4	TS	44	60S	35	46
282	IPPSN2020-282	KA 2040	8.6	40S	21	80S	1.5	5S	35.8	60S	35	35

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
283	IPPSN2020-283	KA 2041	23	80S	1.6	10MR	2.5	10S	29.5	40S	35	57
284	IPPSN2020-284	KA 2042	22.7	100S*	13	60S*	0	0	40.8	60S	35	46
285	IPPSN2020-285	KA 2043	20.9	100S*	18	80S	0	0	34.5	60S	35	46
286	IPPSN2020-286	KA 2044	28.6	80S	5.8	20S	0	0	24.3	60S	35	57
287	IPPSN2020-287	KA 2045	39.2	80S	14	40S	12.8	40S	38	60S	46	78
<b>SHUATS, Prayagraj</b>												
288	IPPSN2020-288	AAI-W43	20.4	60S	14.4	40S	12.5	40S	35.3	80S	46	57
289	IPPSN2020-289	AAI-W49	37.2	100S	27.2	100S	14.8	40S	14.1	40S	46	67
290	IPPSN2020-290	AAI-W52	16	40S	7.2	20S	0.3	TS	55	80S	45	67
291	IPPSN2020-291	AAI-W47	61.6	100S	16.8	40S	20	40S	57.5	80S	34	46
292	IPPSN2020-292	AAI-W42 (KSM)	49.2	80S	14.6	40S	7.5	30S	9.5	40S	34	57
<b>BAU, Ranchi</b>												
293	IPPSN2020-293	JKW 290	46	80S	25	40S	10	40S	42	60S	23	36
294	IPPSN2020-294	JKW 291	36	60S	13.6	40S	2.5	10S	42.5	60S	35	45
295	IPPSN2020-295	JKW 292	12.9	40S	8.8	20MS	6.3	20	37	60S	34	45
296	IPPSN2020-296	JKW 293	40.8	80S	10.4	20MS	1.3	5S	3.8	15S	35	57
297	IPPSN2020-297	JKW 294	43.2	80S	3	20MR	0.3	TS	33.8	60S	34	46
298	IPPSN2020-298	JKW 295	36	80S	3.6	10S	10.1	40S	10.8	40S	35	46
299	IPPSN2020-299	JKW 296	51.6	100S	3.6	20MS	0.5	TS	6.3	20S	35	36
300	IPPSN2020-300	JKW 297	4.9	20S	4	20MR	2.5	10S	16.8	40S	45	78
300A	INFECTOR		88	100S	84	100S	62.5	80S	65	80S	68	89
301	IPPSN2020-301	JKW 298	13.2	40S	6.8	20MS	2.5	10S	15.4	40S	46	78
302	IPPSN2020-302	JKW 299	21.2	60S	8	20S	2.5	10S	22.1	40S	34	57
<b>SKUAST, Jammu</b>												
303	IPPSN2020-303	JAUW 695	17.6	40S	15	40S	8.8	20S	3.9	15S	35	46
304	IPPSN2020-304	JAUW 696	26.4	60S	15.6	40S	11.3	40S	26.9	60S	35	46
305	IPPSN2020-305	JAUW 697	47.2	80S	17.6	20S	12.8	40S	8.4	20S	35	46
306	IPPSN2020-306	JAUW 698	26.4	60S	17.6	20S	13.3	40S	17.1	40S	36	57
307	IPPSN2020-307	JAUW 699	21.2	40S	20.8	40S	3.5	10MS	12.5	40S	34	45
308	IPPSN2020-308	JAUW 700	16.8	60S	7.6	20MS	5	10S	20.6	40S	35	46
309	IPPSN2020-309	JAUW 701	27.6	80S	14	40S	3.8	10S	6	20S	35	45
310	IPPSN2020-310	JAUW 702	13.2	40S	6.2	30MR	0.5	TS	6.7	10S	35	46
311	IPPSN2020-311	JAUW 703	30	60S	5.6	20S	1.4	5S	5.3	20S	35	47
312	IPPSN2020-312	JAUW 704	14.8	40S	19.2	40S	14.5	40S	3.3	15S	35	46
<b>BAU, Sabour</b>												
313	IPPSN2020-313	BRW 3903	7.6	20S	17.2	40S	12.3	40S	33.1	60S	35	46
314	IPPSN2020-314	BRW 3904	26.1	80S	24	40S	23.5	40S	51.9	60S	35	46
315	IPPSN2020-315	BRW 3905	21.2	40S	13.6	20S	26.5	50S	37.5	60S	35	57
316	IPPSN2020-316	BRW 3906	48	100S	19.2	20S	35	60S	37.9	60S	35	45
317	IPPSN2020-317	BRW 3907	53	80S	29.2	40S	32.5	60S	48.9	60S	35	47
318	IPPSN2020-318	BRW 3908	16.8	40S	49.2	100S	31.3	60S	48.3	60S	35	56
319	IPPSN2020-319	BRW 3909	5.3	20MS	10.4	20MS	9.5	20S	38.5	60S	24	36
320	IPPSN2020-320	BRW 3910	4.1	20MS	4.2	20S	1	5MS	21.8	60S	34	45
320A	INFECTOR		80	100S	84	100S	62.5	80S	70	100S	67	79
321	IPPSN2020-321	BRW 3911	1.3	10MR	18.1	80S*	11.4	40S	30.7	60S	35	57
322	IPPSN2020-322	BRW 3912	10.4	20S	6.4	20S	0.5	5MR	25	60S	35	46
323	IPPSN2020-323	BRW 3913	4.9	20MS	5.3	20MS	7.5	20S	36	60S	35	36
324	IPPSN2020-324	BRW 3914	4.8	20S	8.1	40S	0	0	28.8	60S	34	36
325	IPPSN2020-325	BRW 3915	11.6	40MS	17.2	80S*	1.4	5S	30	60S	35	45
326	IPPSN2020-326	BRW 3916	44	60S	21.8	60S	17.5	40S	52.5	60S	23	34
327	IPPSN2020-327	BRW 3917	10.4	40S	27.6	80S	18.9	40S	46.3	60S	35	57
328	IPPSN2020-328	BRW 3918	34	60S	35.2	80S	27.8	60S	36.4	60S	34	46
329	IPPSN2020-329	BRW 3919	25.6	60S	13.6	40S	0.3	TS	37.3	60S	24	35
330	IPPSN2020-330	BRW 3920	42	80S	6.4	20MS	4.3	10S	40	60S	45	57
331	IPPSN2020-331	BRW 3921	12	40S	3.7	10S	2.5	10S	11.7	40S	35	67
332	IPPSN2020-332	BRW 3922	24.8	60S	6.4	20S	2	10MS	20	60S	35	57
333	IPPSN2020-333	BRW 3923	6	20S	1.6	20MR	1.3	5S	17.7	40S	35	58
334	IPPSN2020-334	BRW 3924	18	40S	8.4	20MS	0.3	TS	17.9	40S	35	46
335	IPPSN2020-335	BRW 3925	23.2	60S	20.8	60S	16.3	60S*	22.6	40S	45	57
336	IPPSN2020-336	BRW 3926	0.4	5MR	4	20MS	0	0	19.3	40S	35	56
337	IPPSN2020-337	BRW 3927	6.5	20MS	7.3	20S	1	5MS	31	40S	46	67

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
<b>Lok Bharthi</b>												
338	IPPSN2020-338	LOK 2020- 1	38.4	80S	20.2	40S	16	60S*	47.5	60S	46	68
339	IPPSN2020-339	LOK 2020- 2	14	40S	27.6	60S	3.5	10S	24.4	40S	46	67
340	IPPSN2020-340	LOK 2020- 3	3.7	10S	2	10MS	1.3	5S	52.5	80S	56	78
<b>340A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>70</b>	<b>80S</b>	<b>67</b>	<b>79</b>
341	IPPSN2020-341	LOK 2020- 4	2.5	20MR	0.1	TR	1.3	5S	51.3	80S	56	78
342	IPPSN2020-342	LOK 2020- 5	1.7	20MR	0	TR	0.3	TS	20	40S	46	78
<b>VPKAS, Almora</b>												
343	IPPSN2020-343	VW2001	31.6	60S	5.2	20MS	1.4	5S	9.2	40S	46	67
344	IPPSN2020-344	VW2002	0.1	TR	0.5	5MR	0.3	TS	10.3	40S	46	47
345	IPPSN2020-345	VW2003	26	60S	9.4	20MS	3.3	10MS	14.8	30S	46	58
346	IPPSN2020-346	VW2004	10.2	40MS	8.9	30MS	6.7	20MS	11.1	40S	35	56
347	IPPSN2020-347	VW2005	25.6	60S	13.2	20S	22.3	60S	10.5	20S	35	47
348	IPPSN2020-348	VW2006	10.5	40S	4.2	10MS	2.5	5S	6.5	20S	45	67
349	IPPSN2020-349	VW2007	13.2	40S	17.6	80S*	2.5	10S	13.2	60S	45	78
350	IPPSN2020-350	VW2008	13.3	40S	3.2	20MR	3	10S	7.6	20S	36	57
351	IPPSN2020-351	VW2009	16	40S	0.6	5MR	1.3	5S	7.8	40S	35	57
352	IPPSN2020-352	VW2011	21	40S	5.2	20MS	0	0	7.5	40S	45	67
353	IPPSN2020-353	VW2012	13	60S*	0.5	5MR	5	20S	8.8	20S	45	67
354	IPPSN2020-354	VW2014	1.7	10MR	3.7	10S	1.4	5S	3.2	15S	35	56
355	IPPSN2020-355	VW2015	13.7	60S*	3.2	10MS	0	0	4.6	20S	35	47
356	IPPSN2020-356	VW2016	6.1	20S	8.4	20MS	3.8	10S	7.3	20S	35	46
357	IPPSN2020-357	VW2017	11	40S	5.7	20S	11.3	40S	7.2	20MS	35	35
358	IPPSN2020-358	VW2018	12.1	40S	22.4	80S	4.6	10S	4.5	20MS	35	46
359	IPPSN2020-359	VW2020	13.2	20S	4.8	20MS	2.5	10S	5.9	20MS	24	45
360	IPPSN2020-360	VW2021	9	40S	14	60S*	1.3	5S	4.3	20MS	35	45
<b>360A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>60</b>	<b>80S</b>	<b>67</b>	<b>79</b>
361	IPPSN2020-361	VW2022	12	40S	3.7	20MS	2.5	5S	3	15S	46	78
362	IPPSN2020-362	VW2023	0.1	TMR	2.2	10S	2.5	5S	7.9	20S	35	45
363	IPPSN2020-363	VW2024	19.8	40S	2.4	20MR	3.9	10S	3.5	15S	35	45
364	IPPSN2020-364	VW2025	4.9	20MS	0.5	5MR	0.3	TS	6.8	20S	45	78
365	IPPSN2020-365	VW2026	13.4	40MS	1.6	20MR	1.3	5S	7.6	30S	35	46
366	IPPSN2020-366	VW2027	6.8	20S	3.6	10S	2.5	10S	4.2	30S	24	35
367	IPPSN2020-367	VW2028	0.1	TR	7.3	20S	0.8	5MR	11.6	40S	35	45
368	IPPSN2020-368	VW2030	13	40S	1.8	10MS	5	20S	5.6	30S	35	46
369	IPPSN2020-369	VW2031	19.3	40S	0.2	TMR	1.3	5S	3	20S	35	57
370	IPPSN2020-370	VW2032	14.4	40MS	23.2	100S*	7.6	20S	4	20S	35	46
371	IPPSN2020-371	VW2033	3.3	20MS	4.8	20MS	5.3	20S	9.4	15S	45	57
372	IPPSN2020-372	VW2034	11.4	60MS	9.2	20S	8.9	30S	15.4	20S	45	57
373	IPPSN2020-373	VW2035	3.3	20MS	18.6	60S	17.6	40S	15.1	40S	35	57
374	IPPSN2020-374	VW2036	13.4	40S	3.3	20MS	7.5	20S	5.9	30S	45	68
375	IPPSN2020-375	VW2038	4.8	20MS	1.6	10MS	1.8	5S	3.8	20S	35	46
376	IPPSN2020-376	VW2040	2.1	10MS	8.1	40S	2.8	10S	21.8	60S	45	78
377	IPPSN2020-377	VW2041	8	20MS	8.8	20S	5	20S	4.6	10S	46	78
378	IPPSN2020-378	VW2042	3.2	10MS	7.2	20S	0.3	TS	13.9	40S	35	57
379	IPPSN2020-379	VW2043	22.6	80S	4	20MS	1.3	5S	7.9	20S	35	57
380	IPPSN2020-380	VW2045	4.1	20MS	2.4	10MS	2.5	10S	4.4	20S	35	57
<b>380A</b>	<b>INFECTOR</b>		<b>76</b>	<b>100S</b>	<b>92</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>68</b>	<b>79</b>
381	IPPSN2020-381	VW2046	14.4	60MR	1.6	10MR	0.3	TS	5.1	30S	35	57
382	IPPSN2020-382	VW2048	29.2	80S	12.9	40S	3	10S	5.7	20S	35	57
383	IPPSN2020-383	VW2050	9	20S	4.2	20S	1.4	5S	13.4	40S	46	78
384	IPPSN2020-384	VW2051	20	40S	45.2	100S	22.5	40S	19.3	60S	45	57
385	IPPSN2020-385	VW2052	19.4	40S	12.8	40S	2.8	10S	6.6	40S	46	78
386	IPPSN2020-386	VW2053	24.2	60S	1.5	5S	0.3	TS	3.1	20S	46	57
387	IPPSN2020-387	VW2039	6.6	20MS	0	TR	8	20S	8.3	20S	45	78
388	IPPSN2020-388	VW2029	31.2	60S	1.6	20MR	1.3	5S	4.6	20S	35	46
389	IPPSN2020-389	VW2037	8.9	40S	21	100S*	2.3	5MS	4.3	20S	45	78
390	IPPSN2020-390	VW2010	32	80S	7.6	20S	5.8	10S	4	20S	45	46
391	IPPSN2020-391	VW2047	1.6	10MR	5.3	20MS	3.8	10S	7.5	20S	46	67
392	IPPSN2020-392	VW2013	2.5	10MS	24	80S	16.8	40S	11.6	60S	46	56
<b>ARS Niphad</b>												

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
393	IPPSN2020-393	NIAW 4053	3.3	20MS	5.2	10S	10	20S	50.6	80S	56	78
394	IPPSN2020-394	NIAW 4054	1.6	10MS	4.1	20MS	0	0	65	80S	67	78
395	IPPSN2020-395	NIAW 4052	4.9	20MS	0.9	5MS	2.5	10S	62.9	80S	56	78
396	IPPSN2020-396	NIAW 4113	4.1	20MR	0	TR	0.3	TS	57.5	80S	46	57
397	IPPSN2020-397	NIAW 4130	1.7	10MR	0.2	TMS	2.3	5S	57.5	60S	56	78
398	IPPSN2020-398	NIAW 4165	5.1	20MS	2.5	10MS	3.5	10S	62.5	80S	46	78
399	IPPSN2020-399	NIAW 4118	3.2	10MS	1.5	5S	1	5MS	57.5	80S	56	78
400	IPPSN2020-400	NIAW 4190	0.1	TMR	0.1	TR	2.5	10S	47.5	60S	46	68
<b>400A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>72.5</b>	<b>100S</b>	<b>67</b>	<b>89</b>
401	IPPSN2020-401	NIAW 4172	1.7	10MR	1.7	10MS	0.3	TS	57.5	80S	57	78
402	IPPSN2020-402	NIAW 4178	1.7	20MR	0.5	5MR	0.3	TS	65	80S	46	67
403	IPPSN2020-403	NIAW 4197	0.9	10MR	0.1	TR	0	0	26.9	60S	46	78
404	IPPSN2020-404	NIAW 4179	2.5	20MR	2.2	10S	0.3	TS	57.5	80S	46	67
405	IPPSN2020-405	NIAW 4120	1.7	20MR	1	5MS	0	0	56.3	80S	56	68
406	IPPSN2020-406	NIAW 4114	3.3	10MS	3.3	20MS	0	0	54.5	80S	46	67
407	IPPSN2020-407	NIAW 4153	0.9	10MR	3.3	10MS	1	5MS	48.8	60S	46	58
408	IPPSN2020-408	NIAW 4040	3.3	20MS	3.4	20MS	2.5	5S	37.3	60S	35	57
409	IPPSN2020-409	NIAW 4174	2	10MR	0	TR	2.5	10S	52	80S	55	78
410	IPPSN2020-410	NIAW 4183	2.4	10MR	1.9	5S	1.3	5MS	57.5	80S	45	67
411	IPPSN2020-411	NIAW 4134	2.5	20MR	0.8	5MS	1.3	5MS	46.3	80S	56	78
412	IPPSN2020-412	NIAW 4154	1.7	10MR	2.2	5S	0.5	TS	44.5	60S	46	78
413	IPPSN2020-413	NIDW 1467	26.2	60S	9.1	40S	1.5	5MS	5.7	40S	45	57
414	IPPSN2020-414	NIDW 1485	13.7	40S	4.9	20MS	1	5MS	2.3	10MS	45	67
415	IPPSN2020-415	NIDW 1476	19.3	40S	6.4	20S	2.1	10MS	2.9	10MS	45	57
416	IPPSN2020-416	NIDW 1491	36	80S	16.1	40S	7.5	30S	1	5MS	45	78
417	IPPSN2020-417	NIDW 1455	14.2	40S	28.8	100S	2.7	10S	2.9	10S	45	78
<b>HPKV Malan</b>												
418	IPPSN2020-418	PW 2001	2.5	10MS	32.8	100S	5	20S	9.4	40S	35	46
419	IPPSN2020-419	PW 2002	0.1	TR	3.3	20MS	5.5	20S	5.6	20MS	24	36
420	IPPSN2020-420	PW 2003	8.8	40MS	0.2	TMR	1.3	5S	10.3	40S	45	57
<b>420A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
421	IPPSN2020-421	PW 2004	2.1	10MS	2.1	10S	0	0	14	40S	46	67
422	IPPSN2020-422	PW 2005	10.4	40MS	13.6	60S*	1.3	5S	20	40S	46	57
423	IPPSN2020-423	PW 2006	4.9	20MS	4	20S	0	0	4.2	15S	46	57
424	IPPSN2020-424	PW 2007	8	20S	9.6	40S	0.3	TS	7.3	15S	35	57
425	IPPSN2020-425	PW 2008	4.1	20MS	16	60S	10.3	40S	11.9	40MS	46	58
426	IPPSN2020-426	PW 2009	12.2	40MS	24	80S	11.3	40S	23.4	60S	34	45
427	IPPSN2020-427	PW 2010	29.2	60S	24.8	100S	0	0	11.3	40S	35	46
428	IPPSN2020-428	PW 2011	28	80S	12.5	60S*	0.3	TS	7.4	20S	24	36
429	IPPSN2020-429	PW 2012	24.8	60S	5	20MS	2.5	10S	5.3	20S	35	57
430	IPPSN2020-430	PW 2013	44	80S	6.8	20S	1.3	5S	4.8	20S	35	45
431	IPPSN2020-431	PW 2014	18.4	40S	11.6	40S	15.1	40S	7.4	20S	35	57
432	IPPSN2020-432	PW 2015	9.3	20S	5.6	20S	2.5	10S	16.1	60S	35	46
433	IPPSN2020-433	PW 2016	12.6	40S	4.1	10S	20	40S	32	60S	23	24
434	IPPSN2020-434	PW 2017	12.8	40S	12.8	40S	1.4	5S	7.4	20S	34	35
435	IPPSN2020-435	PW 2018	3	10S	22.1	100S*	10	40S	13.8	40S	35	46
436	IPPSN2020-436	PW 2019	22.8	60S	22.4	80S	5.4	20S	14.3	40S	45	57
437	IPPSN2020-437	DW 271	11.2	40S	8	20S	20.1	40S	3	20S	35	57
438	IPPSN2020-438	DW 272	0.2	TMR	0.1	TR	1.3	5S	4.9	20S	34	57
439	IPPSN2020-439	DW 273	2.4	10S	1	5S	2.5	10S	4.4	15S	35	58
440	IPPSN2020-440	DW 276	13.7	60S*	10.4	20S	3	10S	3.3	15S	35	56
<b>440A</b>	<b>INFECTOR</b>		<b>76</b>	<b>100S</b>	<b>92</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>68</b>	<b>79</b>
441	IPPSN2020-441	DW 277	12	40MS	9.6	20MS	5.5	10S	32	60S	45	56
442	IPPSN2020-442	DW 278	13.8	40S	4.9	20MS	1.3	5S	12.9	40S	45	57
443	IPPSN2020-443	BW 282	16.5	40S	7	20MS	7	20S	8.8	30S	45	45
444	IPPSN2020-444	BW 283	14.7	20MS	26	60S	10	20S	12.5	40S	34	56
445	IPPSN2020-445	BW 287	10	20MS	0.1	TR	7.5	20S	8.6	20S	45	57
446	IPPSN2020-446	BW 288	1.1	10MR	0.1	TR	0.2	TMS	19.1	40S	35	46
447	IPPSN2020-447	BW 289	4.9	20MS	8.1	40S	3	10S	13.4	30S	46	68
<b>IGKV, Bilaspur</b>												
448	IPPSN2020-448	CG2001	10	40MS	8.9	40S	12.5	40S	29.3	60S	56	78



No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
449	IPPSN2020-449	CG2002	15.8	60S*	10.4	20S	12.7	40S	31.3	60S	46	78
450	IPPSN2020-450	CG2003	15.8	60S*	12	40S	13.8	40S	29.8	60S	46	57
451	IPPSN2020-451	CG2004	9.1	40MS	8.4	20S	11.3	40S	32.5	60S	46	68
452	IPPSN2020-452	CG2005	20.2	40S	21.1	100S*	6.3	20S	31	60S	35	57
453	IPPSN2020-453	CG2006	44.4	80S	25.2	100S	10	40S	52	60S	35	46
454	IPPSN2020-454	CG2007	4.6	10S	13	40S	2.5	10S	45.8	60S	35	46
455	IPPSN2020-455	CG2008	3.2	20MS	0.1	TR	0.3	TS	43.8	60S	45	78
456	IPPSN2020-456	CG2009	1.7	10MS	0.1	TR	1.3	5S	50	60S	46	78
457	IPPSN2020-457	CG2010	10.9	40S	4.2	20S	2.8	10S	50	60S	35	68
458	IPPSN2020-458	CG2011	4.3	20MS	8.5	40S	2.5	10S	46.3	80S	45	67
459	IPPSN2020-459	CG2012	10.9	30S	14.5	60S	10.3	40S	47.5	60S	46	78
460	IPPSN2020-460	CG2013	12.6	40S	0.1	TMR	10	40S	20.8	40S	46	68
<b>460A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
461	IPPSN2020-461	CG2014	4.9	20MS	6.4	20MS	2.5	10S	9.6	40S	35	68
462	IPPSN2020-462	CG2015	12.8	40S	7.2	20S	1.3	5S	8.4	20S	46	57
<b>UAS, Dharwad</b>												
463	IPPSN2020-463	UASD-2001	36	80S	13	40S	0	0	21.1	40S	45	47
464	IPPSN2020-464	UASD-2002	42	80S	10.1	20S	1.3	5S	16	40S	35	46
465	IPPSN2020-465	UASD-2003	42	80S	11.8	20S	3.8	10S	23.3	40S	34	57
466	IPPSN2020-466	UASD-2004	38.4	80S	13.6	40S	0.3	TS	36.3	60S	24	35
467	IPPSN2020-467	UASD-2005	27.2	80S	5	20MS	1.3	5S	40	60S	35	46
468	IPPSN2020-468	UASD-2006	11.4	40MS	0.1	TR	6.3	20S	10.5	20S	46	67
469	IPPSN2020-469	UASD-2007	11.4	40MS	4.1	20S	3	10S	9.9	40S	35	57
470	IPPSN2020-470	UASD-2008	28.1	60S	15.2	60S*	1.3	5MS	15.4	40S	45	68
471	IPPSN2020-471	UASD-2009	20.4	60S	4.8	20MS	2.5	10S	13.3	40S	46	78
472	IPPSN2020-472	UASD-2010	17.6	80S*	1.7	10MS	1.8	5S	0.6	5S	56	78
473	IPPSN2020-473	UASD-2011	20.8	100S*	1.1	5S	4.5	10S	2.6	15S	46	78
474	IPPSN2020-474	UASD-2012	22.4	100S*	1.7	10MR	3	10S	3.6	15S	35	67
475	IPPSN2020-475	UASD-2013	23.3	100S	1.7	10MS	6.5	20S	9.4	40S	35	58
476	IPPSN2020-476	UASD-2014	21.7	100S*	4.9	20MS	8.5	20S	0.1	TS	45	57
477	IPPSN2020-477	UASD-2015	17.7	80S*	0.9	5MS	2.6	5S	1.3	5S	35	57
478	IPPSN2020-478	UASD-2016	23.3	100S	0.1	TR	1.3	5S	3.6	10S	35	67
479	IPPSN2020-479	UASD-2017	18.4	80S*	3.3	20MS	3.8	10MS	3.3	15S	45	78
480	IPPSN2020-480	UASD-2018	18.4	80S*	3.3	20MS	5.5	10S	2.5	15S	45	78
<b>480A</b>	<b>INFECTOR</b>		<b>88</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>62.5</b>	<b>80S</b>	<b>68</b>	<b>89</b>
481	IPPSN2020-481	UASD-2019	8	40MS	3.7	20MS	1.8	5S	21.6	60S	45	67
482	IPPSN2020-482	UASD-2020	2.4	10S	3.7	10S	0.8	5MR	2.6	10S	46	78
483	IPPSN2020-483	UASD-2021	9	40S	2.5	10MS	1.2	5MS	6.3	20S	35	46
484	IPPSN2020-484	UASD-2022	2.5	10MS	0.3	5R	2.6	10S	29	40S	35	67
485	IPPSN2020-485	UASD-2023	10.8	40S	2.1	10S	3.8	10S	7	20S	45	57
486	IPPSN2020-486	UASD-2024	9.4	40MS	7.6	20MS	3.8	5S	11.8	30S	35	46
487	IPPSN2020-487	UASD-2025	9.4	40MS	6.4	20MS	2.5	5S	13.5	40S	46	68
488	IPPSN2020-488	UASD-2026	10.8	40MS	23.6	80S	2.5	10S	12.6	40S	35	57
489	IPPSN2020-489	UASD-2027	6.4	20S	1.6	5MS	2.5	10S	5.8	20MS	46	78
490	IPPSN2020-490	UASD-2028	9.6	20S	5.7	20S	10.1	20S	3.7	15S	45	78
491	IPPSN2020-491	UASD-2029	16.2	40S	4.9	20S	1.3	5S	11	40S	35	57
492	IPPSN2020-492	UASD-2030	22.8	60S	2.1	10S	2.5	10S	2	10S	35	46
493	IPPSN2020-493	UASD-2031	14	40S	0.2	TMS	5	20S	3.8	10S	34	35
494	IPPSN2020-494	UASD-2032	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
495	IPPSN2020-495	UASD-2033	9.6	40MR	4.4	10MS	1.8	5S	7.3	40S	46	68
496	IPPSN2020-496	UASD-2034	2	20MR	0.1	TR	0	0	19.8	40S	35	57
497	IPPSN2020-497	UASD-2035	1.7	10MS	0.1	TR	1.3	5S	14.6	60S	35	47
<b>Parbhani</b>												
498	IPPSN2020-498	PBN 4881	8.8	20MS	22.6	80S	17.5	60S	21.9	40S	46	67
499	IPPSN2020-499	PBN 4357	15	60S	25.6	100S	17.8	60S	27.9	40S	45	67
500	IPPSN2020-500	PBN 4905	7.8	20S	20.1	80S	11.5	40S	27.6	40S	56	68
<b>500A</b>	<b>INFECTOR</b>		<b>76</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
501	IPPSN2020-501	PBN 4888	12.8	20S	17.6	60S	27.5	60S	23.6	60S	46	78
502	IPPSN2020-502	PBN 4876-2	18.4	40S	21.6	60S	13.5	40S	25.8	40S	56	68
<b>JNKVV, Jabalpur</b>												
503	IPPSN2020-503	MP 3553	12	40MS	25.6	40S	20	60S	34.4	80S	46	78

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
504	IPPSN2020-504	MP 3554	7.3	20S	24.5	80S	7.6	20S	8.6	30S	46	68
505	IPPSN2020-505	MP 3555	30	80S	20.4	60S	12.5	40S	35.1	80S	46	78
506	IPPSN2020-506	MP 3556	12.6	40S	3.3	20MR	3.8	10S	10.4	60S	45	67
507	IPPSN2020-507	MP 3557	6.4	40MR	5.2	10S	1.3	5S	20.5	60S	45	67
508	IPPSN2020-508	MP 3558	4.1	40MR	2	10S	0.8	5MR	37.3	60S	45	57
509	IPPSN2020-509	MP 3559	4.5	20S	0	TR	0.3	TS	33.8	60S	46	78
510	IPPSN2020-510	MP 3560	22.6	40S	5.6	20MS	2.5	10S	43.8	60S	56	78
511	IPPSN2020-511	MP 3561	19	40S	12.8	60S*	0	0	32.3	60S	46	78
512	IPPSN2020-512	MP 3562	16.8	40S	7.6	20MS	6.8	20S	7.7	20S	45	57
513	IPPSN2020-513	MP 3563	13.7	60S*	24.8	100S	8	20S	16.5	40S	45	68
514	IPPSN2020-514	MP 3564	1.6	5MS	8	40S	1.3	5S	6.2	20S	45	68
515	IPPSN2020-515	MP 3565	18	60S	8	20S	3.8	10S	45.6	60S	45	57
516	IPPSN2020-516	MP 3566	4.8	20MS	24.8	100S	6	20S	28.3	60S	46	58
517	IPPSN2020-517	MP 3567	3.6	10S	4.8	20S	2.5	5S	22.3	60S	45	68
<b>ANDUAT, Ayodhya</b>												
518	IPPSN2020-518	NW-8028	5.1	20S	0.8	10MR	2.7	5S	8.5	20S	45	67
519	IPPSN2020-519	NW-8029	11	40S	1.7	10MS	0	0	18.1	40S	35	57
520	IPPSN2020-520	NW-8030	16	40S	22.6	100S*	15	60S	32	60S	45	78
520A	INFECTOR		76	100S	92	100S	62.5	80S	67.5	80S	67	79
521	IPPSN2020-521	NW-8031	7.4	20S	8.2	20S	5	20S	22.8	60S	24	36
522	IPPSN2020-522	NW-8032	9	40MS	11.6	40S	5.1	10S	10.9	40S	35	57
523	IPPSN2020-523	NW-8033	14	40S	8.8	20MS	1.5	5S	28.9	60S	45	57
524	IPPSN2020-524	NW-8034	1.8	5S	6	20S	0.3	TS	8.2	20S	35	46
525	IPPSN2020-525	NW-8035	8.9	20S	8.4	30MS	1.4	5S	3.6	15S	36	47
526	IPPSN2020-526	NW-8036	3.3	10MS	4.9	20S	2.5	10S	8.3	20MS	35	45
527	IPPSN2020-527	NW-8037	1.7	10MS	0.9	10MR	0	0	11.9	20S	35	36
528	IPPSN2020-528	NW-8038	20	60S	4.4	20MS	6.3	20S	19.6	40S	24	46
529	IPPSN2020-529	NW-8039	27.6	60S	28.4	100S	2.8	10S	25.4	40S	45	68
530	IPPSN2020-530	NW-8040	11.2	40S	19.3	80S*	2.8	10S	16.8	40S	45	57
531	IPPSN2020-531	NW-8041	31.8	80S	36.8	80S	33.8	60S	37.5	60S	46	68
532	IPPSN2020-532	NW-8042	21.6	40S	21.4	80S	13	40S	40	60S	45	57
533	IPPSN2020-533	NW-8043	3.3	20MS	0.8	5MS	0	0	20.1	40S	35	45
534	IPPSN2020-534	NW-8044	20.4	80S	20	80S	2.5	10S	5.4	20MS	45	67
535	IPPSN2020-535	NW-8045	10.4	40MS	0.1	TMR	3.8	10S	19.3	40S	46	67
536	IPPSN2020-536	NW-8046	20.4	60S	8	20S	2.6	5S	9.6	20S	35	56
537	IPPSN2020-537	NW-8047	5.2	20MS	18.5	80S	0.3	TS	32.5	60S	35	46
538	IPPSN2020-538	NW-8048	0	TR	0.9	10MR	0	0	12.9	40S	24	36
539	IPPSN2020-539	NW-8049	19.6	40S	12.1	60S*	0.2	TMS	7.4	20MS	35	46
540	IPPSN2020-540	NW-8050	20.1	60S	12.2	60S*	10	40S	33.8	60S	35	46
540A	INFECTOR		80	100S	92	100S	62.5	80S	62.5	80S	67	79
541	IPPSN2020-541	NW-8051	11.6	40S	12.5	40S	14.8	40S	26.4	60S	45	57
542	IPPSN2020-542	NW-8052	4.9	20MS	20.5	80S	17.8	60S	33.3	40S	46	58
<b>CSSRI, Karnal</b>												
543	IPPSN2020-543	KRL 2002	6.5	20MS	4.9	20S	5.5	10S	10.6	20S	35	57
544	IPPSN2020-544	KRL 2003	15.6	40S	0.1	TR	2.5	10S	4.1	15S	35	46
545	IPPSN2020-545	KRL 2004	5.6	20MS	3.2	10MS	2.5	5S	7.9	10S	35	46
546	IPPSN2020-546	KRL 2005	8.8	60MR	0.1	TR	0.3	TS	5.6	20S	25	36
547	IPPSN2020-547	KRL 2007	5	20MS	3.2	10MS	3.7	10S	4.7	10MS	35	37
548	IPPSN2020-548	KRL 2008	21.2	60S	24	80S	6.4	20S	3.9	10S	35	57
549	IPPSN2020-549	KRL 2009	17.2	40S	17.6	80S*	5	20S	1.6	10S	46	68
550	IPPSN2020-550	KRL 2010	23.6	80S	1.7	10MS	3.5	10S	2	10S	35	57
551	IPPSN2020-551	KRL 2011	13.2	40S	8.1	40S	1.3	5S	4.6	20S	35	58
552	IPPSN2020-552	KRL 2014	28.8	60S	16.1	80S*	3	10S	4	15S	35	46
553	IPPSN2020-553	KRL 2015	19.2	60S	16	80S*	0	0	4.3	15S	35	57
554	IPPSN2020-554	KRL 2016	5.8	20MS	5.3	10S	1.9	5S	2.8	10S	45	68
555	IPPSN2020-555	KRL 2019	23	60S	12.1	60S*	10.8	40S	24.5	40S	34	46
556	IPPSN2020-556	KRL 2020	13	40MS	2.4	10S	0	0	9.6	20S	46	57
557	IPPSN2020-557	KRL 2023	26	60S	4.5	15MS	3.5	10S	40.8	80S	56	68
558	IPPSN2020-558	KRL 2024	8.5	40MS	0.1	TR	1.3	5S	28.3	40S	35	37
559	IPPSN2020-559	KRL 2026	18.4	60S	4	10MS	5	10S	19.5	60S	34	46
560	IPPSN2020-560	KRL 2027	20	60S	0.2	TMR	5.1	10S	19.9	60S	35	47

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
560A	INFECTOR		80	100S	88	100S	62.5	80S	65	80S	67	79
561	IPPSN2020-561	KRL 2030	4.2	30S	16.8	60S	3.8	10S	20.7	40S	46	67
562	IPPSN2020-562	KRL 2033	6.6	20S	3.6	10MS	1.4	5S	4.2	15S	24	36
563	IPPSN2020-563	KRL 2034	3.2	10MS	21.2	80S	5.3	20S	5.6	15S	35	46
564	IPPSN2020-564	KRL 2035	13.6	40S	21.6	80S	1.3	5S	20.9	40S	45	57
565	IPPSN2020-565	KRL 2036	25.4	60S	25.2	80S	17.5	20S	7.6	20S	35	58
566	IPPSN2020-566	KRL 2037	14.4	40MS	7.3	20MS	7.5	20S	2.2	20MS	35	46
567	IPPSN2020-567	KRL 2038	19	40S	13.6	60S*	2.5	10S	3.4	15S	36	46
<b>11th HYPT</b>												
568	IPPSN2020-568	11th HPYT 402	16	40S	4.8	15MS	6.3	20S	5.7	20S	45	57
569	IPPSN2020-569	11th HPYT 403	8.8	40MS	2.2	10S	0.3	TS	18.5	40S	46	68
570	IPPSN2020-570	11th HPYT 404	15	40S	19.2	60S	21	60S	10.6	20S	35	46
571	IPPSN2020-571	11th HPYT 405	13.6	40S	0.1	TR	0	0	11	20S	46	67
572	IPPSN2020-572	11th HPYT 406	5.4	20MS	7.6	20S	5.5	10S	16.3	40S	46	67
573	IPPSN2020-573	11th HPYT 407	13.2	40S	0.4	5MR	1.8	5S	5.4	20S	45	67
574	IPPSN2020-574	11th HPYT 408	11.2	40MS	0.1	TR	5	20S	7.8	60S*	46	57
575	IPPSN2020-575	11th HPYT 409	21.6	60S	2.2	10S	15	30S	7.5	30S	35	46
576	IPPSN2020-576	11th HPYT 410	14.6	40S	9.6	20S	2.5	10S	13.4	40S	46	57
577	IPPSN2020-577	11th HPYT 411	19.6	60S	7.6	20S	10	40S	23.1	40S	35	57
578	IPPSN2020-578	11th HPYT 412	11.2	40MS	8.8	20S	11.3	40S	11	30S	45	57
579	IPPSN2020-579	11th HPYT 413	23.8	60S	2.4	20MR	2.5	10S	10.7	20S	46	68
580	IPPSN2020-580	11th HPYT 414	37.6	80S	4.1	15MS	2.5	10S	9.1	20S	35	57
580A	INFECTOR		80	100S	88	100S	52.5	80S	65	80S	67	79
581	IPPSN2020-581	11th HPYT 415	13.4	40MS	3.3	20MR	0	0	4.3	15S	35	57
582	IPPSN2020-582	11th HPYT 416	13.6	40S	9.2	20S	2.5	5S	16.5	40S	45	57
583	IPPSN2020-583	11th HPYT 417	6.6	10S	1.8	10MS	0	0	11.3	20S	35	57
584	IPPSN2020-584	11th HPYT 418	10	40MS	4	10MS	0	0	15.7	40S	45	67
585	IPPSN2020-585	11th HPYT 419	11.2	40MS	8.8	20MS	1	5MS	7.9	20MS	35	57
586	IPPSN2020-586	11th HPYT 420	17.6	40S	16.2	60S*	14.8	40S	21.1	40S	35	46
587	IPPSN2020-587	11th HPYT 421	6.8	20MS	3.2	20MS	2.5	10S	14.9	40S	46	67
588	IPPSN2020-588	11th HPYT 422	14.2	40S	3.1	10S	10	20S	13.1	20S	35	56
589	IPPSN2020-589	11th HPYT 423	11.2	20S	1.6	20MR	0.8	5MR	20.1	40S	46	78
590	IPPSN2020-590	11th HPYT 424	18.4	40MS	5.6	20MS	0.3	TS	8.9	20S	35	36
591	IPPSN2020-591	11th HPYT 425	11	40MS	4	10MS	1.3	5S	21.8	60S	46	57
592	IPPSN2020-592	11th HPYT 426	25.6	60S	8	20S	7.5	20S	5.3	15S	45	57
593	IPPSN2020-593	11th HPYT 427	16.4	40S	10	40S	11.3	40S	8.5	30S	46	58
594	IPPSN2020-594	11th HPYT 428	29.6	60S	3.3	20MS	5	10S	23.9	40S	35	45
595	IPPSN2020-595	11th HPYT 429	24.6	60S	1.7	20MR	2.8	10S	24.4	60S	35	46
596	IPPSN2020-596	11th HPYT 430	19.2	40S	1.2	5MS	2.6	10S	23.6	60S	45	57
597	IPPSN2020-597	11th HPYT 431	13.6	40S	7.6	15MS	3.8	10S	14.9	40S	35	57
598	IPPSN2020-598	11th HPYT 432	23.2	60S	23.2	40S	12.5	40S	14.9	40S	45	56
599	IPPSN2020-599	11th HPYT 433	15.6	60S	18.8	60S	4.8	10S	8.1	30S	35	57
600	IPPSN2020-600	11th HPYT 434	16.8	60S	8.1	20S	0.3	TS	8.6	20S	45	67
600A	INFECTOR		80	100S	88	100S	62.5	80S	67.5	80S	67	79
601	IPPSN2020-601	11th HPYT 435	7.5	40MS	2.4	20MR	0	0	4.9	20S	45	57
602	IPPSN2020-602	11th HPYT 436	5.3	20MS	0.1	TMR	0.5	TS	15.9	40S	56	67
603	IPPSN2020-603	11th HPYT 437	10	40MS	1.7	20MR	0.3	TS	9.6	20S	24	36
604	IPPSN2020-604	11th HPYT 438	2.1	10S	0.1	TR	0	0	9.7	20S	45	67
605	IPPSN2020-605	11th HPYT 439	29.6	60S	9.6	40S	7.5	20S	15.3	40S	35	46
606	IPPSN2020-606	11th HPYT 440	42	80S	18.5	60S	3.9	10S	30.8	60S	24	36
607	IPPSN2020-607	11th HPYT 441	22	60S	6.8	20S	5	10S	7	30S	35	56
608	IPPSN2020-608	11th HPYT 442	28.8	60S	12.6	40S	2.8	10S	9.4	20S	35	57
609	IPPSN2020-609	11th HPYT 443	24	60S	8	20S	5	10S	5.5	20S	56	67
610	IPPSN2020-610	11th HPYT 444	32	60S	8.4	20MS	4.3	10S	3.5	20S	35	57
611	IPPSN2020-611	11th HPYT 445	14.6	40S	15.2	60S*	1.5	5S	11	40S	35	57
612	IPPSN2020-612	11th HPYT 446	14.6	40S	2	10S	0.3	TS	10	20S	35	68
613	IPPSN2020-613	11th HPYT 447	23.2	60S	16.4	60S	8.8	20S	13.8	20S	35	46
614	IPPSN2020-614	11th HPYT 448	17.6	60S	5.6	20MS	7.5	30S	12.8	60S	35	57
615	IPPSN2020-615	11th HPYT 449	7.2	20MS	4	10S	2.5	10S	15	60S	35	57
616	IPPSN2020-616	11th HPYT 450	13.6	40S	10.6	20MS	12.3	40S	16.6	40S	35	58

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
617	IPPSN2020-617	MACS 6797	13.7	60S*	3.3	20MS	2.5	10S	10.9	30S	46	68
618	IPPSN2020-618	MACS 6798	16.9	80S*	1.7	5MS	1	5MS	10.7	30S	46	57
619	IPPSN2020-619	MACS 6799	27.2	80S	8.1	40S*	2.5	10S	12.3	60S	34	46
620	IPPSN2020-620	MACS 6800	23	80S	26.4	60S	20.3	40S	38.3	60S	46	57
<b>620A</b>	<b>INFECTOR</b>		<b>72</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>68</b>	<b>79</b>
621	IPPSN2020-621	MACS 6801	12	40S	5.6	20S	0	0	28.9	60S	46	67
622	IPPSN2020-622	MACS 6802	4.2	40MR	4.2	20MS	1.3	5S	15	40S	46	78
623	IPPSN2020-623	MACS 6803	3.4	20MR	3.2	20MS	1.3	5S	17.1	40S	56	78
624	IPPSN2020-624	MACS 6804	4.1	40MR	4.8	20MS	2.5	10S	14.9	40S	46	67
625	IPPSN2020-625	MACS 6805	5	20MS	3.2	20MS	2.5	10S	12.8	40S	46	78
626	IPPSN2020-626	MACS 6806	8	20MS	2.7	10MS	6.3	20S	15.5	40S	56	78
627	IPPSN2020-627	MACS 6807	1.8	10MS	1.4	5MS	3.8	10S	16.8	40S	56	78
628	IPPSN2020-628	MACS 6808	3.3	10MS	1.7	20MR	2.5	10S	31.3	60S	45	78
629	IPPSN2020-629	MACS 6809	8.1	40MS	0.1	TR	0	0	32	60S	57	78
630	IPPSN2020-630	MACS 6810	22.2	60S	7.6	20S	2.5	10S	12.3	30S	46	78
631	IPPSN2020-631	MACS 6811	18.2	40S	7.2	20MS	1.3	5S	15.3	40S	35	57
632	IPPSN2020-632	MACS 6812	30.8	60S	2.7	10MS	3.8	10S	9.4	20S	35	67
633	IPPSN2020-633	MACS 6813	19.6	60S	7.6	20S	5	10S	12.8	30S	45	57
634	IPPSN2020-634	MACS 6814	7.2	20MS	5.6	20S	5.3	20S	16	40S	35	68
635	IPPSN2020-635	MACS 6815	4.2	20MS	3.2	20MS	0	5S	41.9	80S	45	78
636	IPPSN2020-636	MACS 6816	4.1	20MS	1.7	10MS	0.3	TS	35.8	60S	45	78
637	IPPSN2020-637	MACS 6817	0.9	10MR	4	10MS	2.5	5S	25.9	60S	46	68
638	IPPSN2020-638	MACS 6818	3.3	20MS	2.1	20MR	1.3	5S	39.5	80S	56	68
639	IPPSN2020-639	MACS 6819	7.4	40MS	0.9	10MR	2.5	10S	14.9	40S	45	57
640	IPPSN2020-640	MACS 6820	18	60S	12	20S	1.3	5S	30.1	60S	45	78
<b>640A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>60</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
641	IPPSN2020-641	MACS 4117	9.4	20MS	6.4	20MS	3.3	10MS	12.4	40S	56	78
642	IPPSN2020-642	MACS 4118	10.4	20S	3.6	20MS	0.5	5MR	2.9	15S	46	68
643	IPPSN2020-643	MACS 4119	9.2	20S	3.7	10MS	2.4	5S	0.7	15S	45	67
644	IPPSN2020-644	MACS 4120	10.4	20S	2.5	20MR	2	5MS	2.2	5S	46	78
645	IPPSN2020-645	MACS 4121	5.7	20S	3.3	10MS	2	5MS	1.4	15S	46	78
646	IPPSN2020-646	MACS 4122	7.6	20S	0.9	5MS	1	5MS	2.3	5S	46	68
647	IPPSN2020-647	MACS 4123	22.4	60S	1.7	10MS	2.8	5S	0	10S	46	78
648	IPPSN2020-648	MACS 4124	4.5	10S	0.9	10MR	1.8	5S	7.8	60S*	46	78
649	IPPSN2020-649	MACS 5059	1.6	10MR	0.1	TR	0.3	TS	24.8	60S	46	78
650	IPPSN2020-650	MACS 5060	1.6	10MR	2	10MS	0.3	TS	18.1	40S	35	68
651	IPPSN2020-651	MACS 5061	1.7	10MR	1.2	10MR	1.3	5S	14.9	40S	35	47
<b>PDKV, Akola</b>												
652	IPPSN2020-652	AKAW 4662	13	40S	9.6	20S	10.2	20S	34.5	60S	46	78
653	IPPSN2020-653	AKAW 4682	26	80S	7.7	20S	7.5	10S	19.3	40S	56	78
654	IPPSN2020-654	AKAW 4684	8	20MS	4.4	10S	0	0	37.3	60S	56	78
655	IPPSN2020-655	AKDW 4773	4.1	40MR	4.8	20MS	0	0	9.4	60S	45	67
656	IPPSN2020-656	AKAW 5080	8.4	40MS	2	5S	1.5	5S	44.5	60S	46	68
657	IPPSN2020-657	AKAW 5100	0.6	5MR	14.8	60S	1.3	5S	25.8	40S	45	57
658	IPPSN2020-658	AKAW 5104	3.3	20MS	7.3	20S	2.5	10S	38.9	80S	56	78
659	IPPSN2020-659	AKAW 5314	9.5	40MS	8.4	20MS	4.5	10S	42	60S	46	68
660	IPPSN2020-660	AKAW 5317	22.1	60S	6.4	20S	6.3	20S	33.3	60S	46	78
<b>660A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>92</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
661	IPPSN2020-661	AKAW 5353	45	80S	22.4	40S	22	60S	38.5	80S	35	57
662	IPPSN2020-662	AKAW 5354	38.6	80S	40	80S	35	60S	39.5	80S	35	58
663	IPPSN2020-663	AKAW 5438	30.8	60S	16	40S	12.5	50S*	46.3	80S	35	56
664	IPPSN2020-664	AKAW 5441	20.2	40S	7.6	20S	0.5	5MR	44.8	80S	45	57
665	IPPSN2020-665	AKAW 5444	27	80S	18.4	40S	20.3	40S	27.3	40S	45	58
666	IPPSN2020-666	AKAW 5445	4.4	20MS	6.8	20MS	11	40S	25	40S	46	68
<b>Gwalior</b>												
667	IPPSN2020-667	RVW 4350	1.7	20MR	0.6	5MR	0	0	5.7	20S	45	78
668	IPPSN2020-668	RVW 4351	2.4	20MR	0.1	TR	0	0	26.1	60S	35	57
669	IPPSN2020-669	RVW 4352	16.4	40MS	9	40MS	1	5MR	33.8	60S	35	67
670	IPPSN2020-670	RVW 4353	4.8	20MS	12.5	60S*	0.5	5MR	10.4	40S	35	57
671	IPPSN2020-671	RVW 4354	21.2	40MS	4.8	20MS	15	40S	20.6	60S	35	46

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
672	IPPSN2020-672	RVW 4355	3.4	40MR	8.4	20S	18.5	40S	18.6	40S	45	46
673	IPPSN2020-673	RVW 4356	20	40S	26.4	40S	35	60S	45	60S	45	57
674	IPPSN2020-674	RVW 4357	34	80S	12.4	20S	15.8	40S	45	60S	35	57
675	IPPSN2020-675	RVW 4358	8	40MS	2.4	10MS	10	40S	44.5	80S	46	68
676	IPPSN2020-676	RVW 4359	40	80S	18	60S	1	5MS	30	40S	34	57
<b>GBPUAT, Pantnagar</b>												
677	IPPSN2020-677	1	29.6	80S	5.2	10S	1.3	5S	16.3	40S	35	57
678	IPPSN2020-678	2	13.6	40S	1	10MR	1.3	5S	6.1	15S	35	46
679	IPPSN2020-679	3	12	40MS	0.1	TR	12.5	50S	10.4	30S	24	36
680	IPPSN2020-680	4	12.4	20S	0.1	TR	0	0	6.6	20S	35	46
<b>680A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
681	IPPSN2020-681	5	8	40MS	1.7	10MS	5	20S	18.5	40S	35	57
682	IPPSN2020-682	6	2.4	10MS	3.2	20MS	2.5	10S	18.4	40S	34	68
683	IPPSN2020-683	7	34	100S	5.6	20S	1.3	5S	17.9	40S	35	46
684	IPPSN2020-684	8	10	40S	1.6	20MR	0	0	17.4	40S	45	57
685	IPPSN2020-685	9	43	100S	0.4	5MR	0.3	TS	13.7	30S	46	68
686	IPPSN2020-686	10	12	40S	7.2	20S	12.7	40S	12.5	20S	35	46
687	IPPSN2020-687	11	10.6	20S	29.2	100S	2.5	10S	5.2	10S	35	36
688	IPPSN2020-688	12	28	60S	1.7	10MS	0	0	15.8	40S	46	57
689	IPPSN2020-689	13	0.1	TMR	0.4	5MR	7.3	20S	21.6	40S	35	46
690	IPPSN2020-690	14	9.6	40MS	11.2	20S	11.4	40S	17	40S	45	57
691	IPPSN2020-691	15	12.4	40MS	16.2	60S	12.6	40S	22.5	40S	35	46
692	IPPSN2020-692	16	5.8	20MS	8	40S	12.3	40S	13.1	20S	34	46
693	IPPSN2020-693	17	5.2	10S	8.1	40S	1.3	5S	23.2	40S	24	45
694	IPPSN2020-694	18	12.6	40S	0.1	TR	1.3	5S	21.3	40S	35	56
695	IPPSN2020-695	19	23.6	40S	0.1	TR	0.3	TS	3.3	15S	46	57
696	IPPSN2020-696	20	26	60S	6	20S	10.5	40S	18.3	40S	35	46
697	IPPSN2020-697	21	10	20S	5.6	20S	2.5	10S	16	40S	35	36
698	IPPSN2020-698	22	18	40S	4	15MS	0.3	TS	11.7	40S	24	35
699	IPPSN2020-699	23	28	60S	0.1	TR	1.8	5S	14	40S	23	24
700	IPPSN2020-700	24	21.2	60S	0.2	TMR	0.4	TS	9.8	40S	24	46
<b>700A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
701	IPPSN2020-701	25	21	60S	8.4	40S	12.5	50S*	13	40S	24	45
702	IPPSN2020-702	26	11.4	40S	4	20MS	12.5	50S*	11.1	40S	36	68
703	IPPSN2020-703	27	6.5	20MS	7.5	20MS	3.3	10S	9.9	20S	25	36
704	IPPSN2020-704	28	20	60S	10.4	40S	3.7	10S	15.7	40S	23	24
705	IPPSN2020-705	29	1.7	10MR	1.6	20MR	0.3	TS	11.4	20S	24	46
706	IPPSN2020-706	30	12.8	40S	0.4	5MR	0	0	16.9	40S	24	34
707	IPPSN2020-707	31	7.2	20S	3.8	10S	8	20S	10	20S	35	36
708	IPPSN2020-708	32	21.3	60S	0.1	TR	10	20S	12.3	40S	46	46
709	IPPSN2020-709	33	30.1	80S	0.1	TR	0.1	TMR	17.6	40S	46	57
710	IPPSN2020-710	34	42	80S	8.8	40S	3.9	10S	25.2	60S	35	46
711	IPPSN2020-711	35	2.4	10MS	3.3	20MS	6.3	20S	22.1	60S	35	57
712	IPPSN2020-712	36	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
713	IPPSN2020-713	37	40	100S	0.1	TR	0	0	13.8	20S	35	68
714	IPPSN2020-714	38	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
715	IPPSN2020-715	39	5.6	20S	4.8	20S	1.3	5S	5.9	20S	34	46
716	IPPSN2020-716	40	14	40S	6.4	20MS	12.6	40S	16.8	40S	45	57
717	IPPSN2020-717	41	37	60S	7.2	20S	1.3	5S	4.4	15S	46	78
718	IPPSN2020-718	42	18.4	40S	3.3	20MS	0	0	11.3	20S	45	68
719	IPPSN2020-719	43	6.4	20S	3.2	20MS	0	0	8.8	20S	24	35
720	IPPSN2020-720	44	20.8	40S	2.4	10S	1.3	5S	12.4	40S	35	57
<b>720A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>57.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
721	IPPSN2020-721	45	36	80S	11.3	40S	3.3	10S	14.9	40S	46	67
722	IPPSN2020-722	46	14.8	40S	8	40S	0	0	4.9	15S	45	67
723	IPPSN2020-723	47	30	60S	5.1	20S	2.5	5S	11.9	20S	46	57
724	IPPSN2020-724	48	16.1	60S	4.8	20MS	1.5	5S	9	20S	45	46
725	IPPSN2020-725	49	8.9	20S	17.6	40S	4	10S	11	40S	46	78
726	IPPSN2020-726	50	13.6	60S*	1.7	10MS	2.5	10S	17.5	40S	34	46
727	IPPSN2020-727	51	18	40S	18.1	80S*	3	5S	7.5	20S	46	57
728	IPPSN2020-728	52	28.1	60S	9.3	20MS	11.9	40S	4.2	15S	45	67

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
729	IPPSN2020-729	53	3.4	20MS	4.8	10MS	0.8	5MR	6.3	15S	35	58
730	IPPSN2020-730	54	20.8	60S	15.3	60S	2.5	10S	6.1	20S	35	46
731	IPPSN2020-731	55	24.2	60S	2.5	10S	0.3	TS	2.7	5S	45	67
732	IPPSN2020-732	56	31.6	60S	9.7	40S	3.8	10S	19.4	40S	46	57
733	IPPSN2020-733	57	35.2	80S	9	40MS	1.3	5S	2.6	15S	35	57
734	IPPSN2020-734	58	20.8	40S	0.5	5MR	1.3	5S	11.9	40MS	46	67
735	IPPSN2020-735	59	42.4	60S	6.4	20MS	5.3	20S	7.4	20S	35	57
736	IPPSN2020-736	60	27.2	80S	0.4	5MR	0.1	TR	6.1	15S	35	57
<b>SVPUAT, Meerut</b>												
737	IPPSN2020-737	SVPWL01	31.2	80S	0.8	5MS	2.5	10S	11.9	40S	35	46
738	IPPSN2020-738	SVPWL02	25.6	80S	0.1	TR	1.3	5S	10.5	40S	45	67
739	IPPSN2020-739	SVPWL03	2.4	20MR	0.1	TR	2.5	10S	4.5	20S	35	57
740	IPPSN2020-740	SVPWL04	30	80S	9.6	40S	10.2	20S	16.6	40S	46	78
<b>740A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
741	IPPSN2020-741	SVPWL05	3.5	20MR	6.4	20MS	0	0	4.9	20S	35	68
742	IPPSN2020-742	SVPWL06	7.6	20S	0.9	10MR	1.5	5S	7.9	20MS	35	46
743	IPPSN2020-743	SVPWL07	12.6	40MS	2.9	10S	2.3	5S	3.6	10S	35	57
744	IPPSN2020-744	SVPWL08	39.6	80S	11.3	20S	12.8	40S	4.1	10S	35	57
745	IPPSN2020-745	SVPWL09	4.3	10MS	7.3	40MS	6.4	20S	2.4	10S	35	47
746	IPPSN2020-746	SVPWL10	7.6	20MS	2	10S	1.3	5S	1.3	10S	35	46
747	IPPSN2020-747	SVPWL11	17.2	40S	3.2	20MS	1.3	5S	0.8	5MS	24	36
748	IPPSN2020-748	SVPWL12	5.3	20MS	8	20S	2.8	10S	0.7	5MS	35	46
749	IPPSN2020-749	SVPWL13	4.1	20S	1.6	20MR	0.3	TS	3.1	5MS	34	46
750	IPPSN2020-750	SVPWL14	33.2	60S	3.2	10S	2.9	10S	17.3	60S	34	46
751	IPPSN2020-751	SVPWL15	14	40S	4.8	20MS	3.8	10S	4.1	10S	35	57
<b>IARI New Delhi</b>												
752	IPPSN2020-752	IARI 20-1	15	40S	4	10MS	5	10S	6.3	20S	46	56
753	IPPSN2020-753	IARI 20-2	12.2	40S	28.8	80S	32.5	40S	4.1	15S	45	57
754	IPPSN2020-754	IARI 20-3	12.9	20S	12.8	40S	23.8	50S	13.1	40S	35	57
755	IPPSN2020-755	IARI 20-4	31.6	80S	7.2	20MS	6.3	20S	8.1	40S	35	46
756	IPPSN2020-756	IARI 20-5	6.1	30S	6.4	20S	2.5	10S	14.4	60S	34	56
757	IPPSN2020-757	IARI 20-6	34	80S	5.2	10S	11.5	40S	6.9	20S	35	57
758	IPPSN2020-758	IARI 20-7	13.6	20S	10.5	40S	8	20S	1.9	15S	34	46
759	IPPSN2020-759	IARI 20-8	4.8	10S	0.1	TMR	2.8	10S	4.4	30S	34	35
760	IPPSN2020-760	IARI 20-9	32.4	60S	2.5	1S	1.3	5S	18.6	60S	35	45
<b>760A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>57</b>	<b>79</b>
761	IPPSN2020-761	IARI 20-10	16.4	40S	3	10MS	0	0	5.9	20S	45	57
762	IPPSN2020-762	IARI 20-11	8	20S	5.4	20MS	8	20S	29.1	60S	45	68
763	IPPSN2020-763	IARI 20-12	6.4	20S	6.8	20MS	4.8	10S	10.7	40S	34	57
764	IPPSN2020-764	IARI 20-13	20.8	60S	2.4	10MS	0	0	4.5	20MS	24	46
765	IPPSN2020-765	IARI 20-14	5	20MS	0	TR	0.3	TS	4.4	15S	35	57
766	IPPSN2020-766	IARI 20-15	9	40S	10.8	20S	21	60S	16.3	60S	45	78
767	IPPSN2020-767	IARI 20-16	8	20MS	2.4	20MR	1.2	10MR	5.8	20S	34	46
768	IPPSN2020-768	IARI 20-17	18	40S	0.1	TMR	5	20S	13.8	40S	24	35
769	IPPSN2020-769	IARI 20-18	4.2	20MS	1.4	10MR	0.3	TS	6.1	20S	45	57
770	IPPSN2020-770	IARI 20-19	2.4	10MS	5.2	10S	2.3	5S	5.4	30S	35	57
771	IPPSN2020-771	IARI 20-20	16	60S	15.2	60S	5	10S	12.8	60S	35	78
772	IPPSN2020-772	IARI 20-21	35.2	80S	22.5	80S	15	40S	18.1	40S	34	35
773	IPPSN2020-773	IARI 20-22	0.8	10MR	7.6	20MS	11.5	40S	3.1	15S	34	46
774	IPPSN2020-774	IARI 20-23	15.5	40MS	4.8	10S	0.8	5MR	5.6	15S	45	57
775	IPPSN2020-775	IARI 20-24	49	80S	8.1	20S	0.3	TS	4.9	15S	45	46
776	IPPSN2020-776	IARI 20-25	47.4	80S	16.8	40S	3	5S	15	60S	45	57
777	IPPSN2020-777	IARI 20-26	19	60S	1.1	5S	7.5	20S	14.6	40S	24	35
778	IPPSN2020-778	IARI 20-27	15	40S	1.2	10MR	3	10S	5.7	20S	35	57
779	IPPSN2020-779	IARI 20-28	20.6	60S	6.4	40S	1.4	5S	4.9	15S	45	68
780	IPPSN2020-780	IARI 20-29	17	40S	3.7	10MS	2.6	10S	4.4	15S	35	57
<b>780A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
781	IPPSN2020-781	IARI 20-30	26.4	80S	3.8	10S	0.3	TS	12.6	60S	35	57
782	IPPSN2020-782	IARI 20-31	13.2	40S	3.6	10S	1.3	5S	18.3	60S	45	78
783	IPPSN2020-783	IARI 20-32	16.4	40MS	2.7	20MR	2.5	10S	8.8	40S	45	57
784	IPPSN2020-784	IARI 20-33	22	40S	4	20MS	6	20S	12.9	40S	35	58

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
785	IPPSN2020-785	IARI 20-34	46.4	80S	12.1	40MS	7.8	20S	9	40S	35	46
786	IPPSN2020-786	IARI 20-35	12.4	40MS	4.8	20MS	5	20S	15.9	60S	35	57
787	IPPSN2020-787	IARI 20-36	16	40S	11.2	20S	5.8	20S	10.5	40S	35	57
788	IPPSN2020-788	IARI 20-37	3.6	5S	2.5	15MS	7.5	20S	5.8	20S	35	68
789	IPPSN2020-789	IARI 20-38	14.4	40S	12.4	40MS	7.5	20S	5.8	20MS	24	35
790	IPPSN2020-790	IARI 20-39	0.8	10MR	1.3	5MS	0.8	5MR	53.9	80S	46	68
791	IPPSN2020-791	IARI 20-40	2	20MR	1	5MS	0.5	5MR	55.6	80S	46	78
792	IPPSN2020-792	IARI 20-41	0.9	5MR	0.1	TR	0	0	36	80S	56	78
793	IPPSN2020-793	IARI 20-42	3.7	10S	1.7	15MR	0.3	TS	46.9	80S	46	78
794	IPPSN2020-794	IARI 20-43	2.8	10S	0.1	TR	0	0	24.5	60S	56	67
795	IPPSN2020-795	IARI 20-44	2.5	20MR	3.2	10MS	2.3	10MS	44.9	80S	56	78
796	IPPSN2020-796	IARI 20-45	27	60S	7.2	20S	2.3	10MS	14.6	40S	45	78
797	IPPSN2020-797	IARI 20-46	16.8	40S	22.8	40S	20.3	60S	28.8	60S	35	68
798	IPPSN2020-798	IARI 20-47	15.6	20S	8.9	40S	3.1	10S	11.9	40S	35	68
799	IPPSN2020-799	IARI 20-48	6.6	10S	1.5	5S	1.8	5S	16.6	40S	35	57
800	IPPSN2020-800	IARI 20-49	2.6	5S	8.1	40S	2.5	10S	14.8	60S	35	78
<b>800A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>76</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>68</b>	<b>89</b>
801	IPPSN2020-801	IARI 20-50	25.6	60S	1.7	20MR	0	0	8.8	40S	45	57
802	IPPSN2020-802	IARI 20-51	27.6	60S	2.5	5S	1.3	5S	18.4	60S	45	68
803	IPPSN2020-803	IARI 20-52	14.8	20S	3.6	10MS	1.5	5S	15	60S	35	57
804	IPPSN2020-804	IARI 20-53	19.6	40S	8	20MS	1	10MR	9.7	40S	45	68
805	IPPSN2020-805	IARI 20-54	3.6	10S	0.4	5MR	1.4	5S	11.7	40S	35	57
806	IPPSN2020-806	IARI 20-55	13.2	40S	4.8	20MS	5.4	20S	10.7	60S	46	68
807	IPPSN2020-807	IARI 20-56	3.2	20MR	3.3	20MS	2.5	10S	26.8	80S	45	57
808	IPPSN2020-808	IARI 20-57	18.6	40S	6.4	20MS	0.5	5MR	25.7	60S	45	67
809	IPPSN2020-809	IARI 20-58	15.2	40MS	3.3	20MS	0.3	TS	15.4	60S	35	67
810	IPPSN2020-810	IARI 20-59	12.4	40MS	1.7	20MR	0	0	5.4	20MS	35	46
811	IPPSN2020-811	IARI 20-60	18.2	40MS	3.6	10MS	2.3	5S	15	40S	35	57
812	IPPSN2020-812	IARI 20-61	14	20S	5.6	20MS	1	5MR	9.8	60S	35	46
813	IPPSN2020-813	IARI 20-62	28.8	40S	8.2	20S	0.3	TS	5.7	30S	35	57
814	IPPSN2020-814	IARI 20-63	27.2	60S	14	40S	5.3	10S	11.3	40S	24	35
815	IPPSN2020-815	IARI 20-64	5.6	20MS	3	10S	5.3	20S	8.1	30S	35	57
816	IPPSN2020-816	IARI 20-65	1.7	10MS	0.1	TR	1.3	5MS	12	40MS	35	46
817	IPPSN2020-817	IARI 20-66	13	40MS	4.4	20MS	20.5	60S	2.7	15S	35	57
818	IPPSN2020-818	IARI 20-67	26	60S	19.2	40S	10.1	20S	2.4	15S	24	37
819	IPPSN2020-819	IARI 20-68	12.2	20S	2.8	20MR	1.8	5S	3.8	15S	35	46
820	IPPSN2020-820	IARI 20-69	18.8	40MS	7.2	10S	3.9	10S	5.3	20S	56	67
<b>820A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>68</b>	<b>79</b>
821	IPPSN2020-821	IARI 20-70	25.6	40S	4.3	20S	8.5	20S	16.3	40S	46	68
822	IPPSN2020-822	IARI 20-71	1.6	10MR	0.1	TR	0.3	TS	43.5	80S	56	78
823	IPPSN2020-823	IARI 20-72	2.4	10MR	0.1	TR	1.3	5S	50.8	80S	57	78
824	IPPSN2020-824	IARI 20-73	0.3	5R	0.1	TR	2.5	10S	29.5	60S	56	78
825	IPPSN2020-825	IARI 20-74	1.6	5MS	0.1	TR	0.3	TS	33.5	60S	56	78
826	IPPSN2020-826	IARI 20-75	2.4	20MR	0.1	TR	2.5	10S	44.5	80S	56	78
827	IPPSN2020-827	IARI 20-76	0.1	TR	0.1	TR	2.5	10S	23.5	60S	46	67
828	IPPSN2020-828	IARI 20-77	0.9	10MR	1.6	10MR	5	20S	7.4	20S	45	57
829	IPPSN2020-829	IARI 20-78	22	60S	6.6	20MS	3.8	10S	5.4	30S	45	67
830	IPPSN2020-830	IARI 20-79	12.2	40MS	11.2	40S	5.3	20S	3.5	20S	35	56
831	IPPSN2020-831	IARI 20-80	14.2	40MS	12.4	40S	13	40S	3.4	20S	45	46
832	IPPSN2020-832	IARI 20-81	16	40S	5.8	20S	5.1	10S	10	40S	46	57
833	IPPSN2020-833	IARI 20-82	2.4	5MS	1.7	10MS	3.5	10S	3	5MS	45	68
834	IPPSN2020-834	IARI 20-83	0.9	5MS	0.9	10MR	1.4	5S	1.8	10MS	46	78
835	IPPSN2020-835	IARI 20-84	3.7	10S	5.1	20S	4.3	10S	1.8	10MS	45	78
836	IPPSN2020-836	IARI 20-85	5.6	10S	10.7	40S	1.3	5MR	2	5MS	56	78
837	IPPSN2020-837	IARI 20-86	10.5	20S	4.9	20MS	3.4	10MS	2.5	10MS	46	78
838	IPPSN2020-838	IARI 20-87	9.6	20S	1.8	10MS	3	10S	0.9	5MS	46	78
839	IPPSN2020-839	IARI 20-88	3.4	10MS	7.3	20S	2.3	10MS	1.8	5MS	46	78
840	IPPSN2020-840	IARI 20-89	9.6	40S	2.5	10MS	3.3	10MS	1.2	5MS	45	67
<b>840A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
841	IPPSN2020-841	IARI 20-90	25	100S	3.3	20MS	1.8	5S	1.8	5MS	45	78
842	IPPSN2020-842	IARI 20-91	13.7	60S*	2.5	10MS	1.8	5S	3.3	15S	35	58

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
843	IPPSN2020-843	IARI 20-92	12	40S	3.2	20MR	1.5	5S	2.8	15S	46	67
844	IPPSN2020-844	IARI 20-93	27.2	80S	0.9	10MR	0.4	TS	0.9	5MS	56	78
845	IPPSN2020-845	IARI 20-94	26	60S	8.4	30S	7.5	30S	4.8	20S	35	57
846	IPPSN2020-846	IARI 20-95	25	60S	12	40S	7.5	30S	12.7	40S	45	57
847	IPPSN2020-847	IARI 20-96	19.2	60S	12.8	20S	12.8	40S	5.1	20MS	35	57
848	IPPSN2020-848	IARI 20-97	33.8	80S	3	10S	6.8	20S	3.8	15S	35	57
849	IPPSN2020-849	IARI 20-98	12.4	40MS	8.4	20S	1.3	5S	12	40S	46	57
850	IPPSN2020-850	IARI 20-99	14.4	40S	5.2	20MS	1.5	5S	17.1	40S	24	46
851	IPPSN2020-851	IARI 20-100	14	40S	17.2	60S	3.8	10S	11.4	40S	35	57
852	IPPSN2020-852	IARI 20-101	7.3	20MS	7.2	20S	2.5	10S	16.9	40S	35	46
853	IPPSN2020-853	IARI 20-102	24	80S	12	40S	7.5	20S	12.3	40S	24	36
854	IPPSN2020-854	IARI 20-103	16.6	60S	10	40S	3.5	10S	3.8	15S	46	67
855	IPPSN2020-855	IARI 20-104	28.6	60S	3.6	10S	2.5	10S	12.3	40S	46	68
856	IPPSN2020-856	IARI 20-105	32.4	80S	8.4	20MS	2.8	10S	7.9	15S	35	67
857	IPPSN2020-857	IARI 20-106	33.2	80S	4.2	10MS	0	0	7	30S	45	67
858	IPPSN2020-858	IARI 20-107	42.6	80S	12	40S	2.8	10MS	8.8	40S	45	46
859	IPPSN2020-859	IARI 20-108	27.2	60S	4.1	20S	0	0	8.1	40S	35	47
860	IPPSN2020-860	IARI 20-109	19.2	60S	1.7	20MR	1.4	5S	3.8	20S	24	46
<b>860A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>60</b>	<b>80S</b>	<b>67</b>	<b>79</b>
861	IPPSN2020-861	IARI 20-110	5.2	20S	1.6	10MS	2.5	10S	39.6	80S	45	78
862	IPPSN2020-862	IARI 20-111	3.6	10MS	0.9	10MR	2.5	10S	39.8	80S	46	78
863	IPPSN2020-863	IARI 20-112	0.5	10R	0.1	TR	1.3	5S	41.8	80S	45	67
864	IPPSN2020-864	IARI 20-113	4.4	10S	4	10MS	6	20S	42.8	80S	67	78
865	IPPSN2020-865	IARI 20-114	3.2	10MS	2.4	10MS	3.5	10S	51	80S	46	78
866	IPPSN2020-866	IARI 20-115	16	60S*	4.1	20MS	1.4	5MS	2.9	15S	56	78
867	IPPSN2020-867	IARI 20-116	4.9	20S	2.3	5S	0.4	TS	3.9	15S	45	78
868	IPPSN2020-868	IARI 20-117	6.4	20MS	3.3	10MS	2.1	10MS	1.3	5MS	56	67
869	IPPSN2020-869	IARI 20-118	6.9	20MS	3.4	20MS	1.5	10MR	3.4	15S	45	78
870	IPPSN2020-870	IARI 20-119	0	TR	0.1	TR	1.3	5S	26.3	60S	46	57
871	IPPSN2020-871	IARI 20-120	19.2	40MS	5.8	20S	5	20S	15.4	60S	46	58
872	IPPSN2020-872	IARI 20-121	1.9	5MS	2.4	10S	11.4	40S	4.9	15S	46	78
873	IPPSN2020-873	IARI 20-122	12	20S	4.8	20MS	3.5	10S	12.8	40S	34	57
874	IPPSN2020-874	IARI 20-123	9	20S	10.4	20S	5	10S	10.8	20S	24	37
875	IPPSN2020-875	IARI 20-124	0	TR	2.1	10S	0.8	5MR	12.9	40S	35	57
876	IPPSN2020-876	IARI 20-125	29	60S	14.4	40S	6.5	20MS	15.8	40S	46	57
877	IPPSN2020-877	IARI 20-126	12.4	40S	12.9	40S	10.3	20S	17.4	60S	35	36
878	IPPSN2020-878	IARI 20-127	10.2	20S	20.8	80S	5	10S	3.3	20S	24	46
879	IPPSN2020-879	IARI 20-128	0.8	5MS	4.1	20S	2	10MS	3.5	15S	34	57
880	IPPSN2020-880	IARI 20-129	8	20S	12.1	60S*	3.3	10S	3	20S	45	78
<b>880A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
881	IPPSN2020-881	IARI 20-130	14.6	40S	16.9	80S*	3.8	10S	2.5	20S	46	68
882	IPPSN2020-882	IARI 20-131	22.6	60S	6.4	20MS	5.5	10S	0.6	5S	45	57
883	IPPSN2020-883	IARI 20-132	6	20MS	5.2	10S	5	10S	5.3	20S	45	57
884	IPPSN2020-884	IARI 20-133	13.2	40MS	6.4	20S	6.4	20S	7.5	20S	35	46
885	IPPSN2020-885	IARI 20-134	27.2	80S	10.4	40S	1.3	5S	12.5	40S	35	46
886	IPPSN2020-886	IARI 20-135	0.5	5MR	4.1	20MS	3	10S	39.4	60S	46	67
887	IPPSN2020-887	IARI 20-136	26	40S	6	20S	0.1	TMR	3.6	15S	35	57
888	IPPSN2020-888	IARI 20-137	27.2	80S	16	30MS	11.3	20S	12.3	40S	35	47
889	IPPSN2020-889	IARI 20-138	11.5	40S	1.8	10S	2.5	5S	10	40S	36	47
890	IPPSN2020-890	IARI 20-139	24.8	100S	9.7	40S	6	10S	17.8	60S	35	57
891	IPPSN2020-891	IARI 20-140	29.8	80S	12	20S	9.4	20S	12	40S	35	57
892	IPPSN2020-892	IARI 20-141	27.4	80S	2.1	10MS	4	10S	7.5	20S	35	57
893	IPPSN2020-893	IARI 20-142	26.6	60S	6.4	20MS	4.7	10S	14	40S	35	57
894	IPPSN2020-894	IARI 20-143	23.6	80S	5.8	10MS	4.8	10S	6.1	20MS	45	78
895	IPPSN2020-895	IARI 20-144	18.4	80S*	0.6	5MR	2.7	10S	2	15S	35	46
896	IPPSN2020-896	IARI 20-145	23.4	60S	2.8	10MS	3.8	10S	4.4	15S	35	57
897	IPPSN2020-897	IARI 20-146	10	20S	1.6	10MS	1.3	5S	3.5	15S	35	36
898	IPPSN2020-898	IARI 20-147	15.2	40MS	0.2	TMR	1.3	5S	7.1	20S	35	57
899	IPPSN2020-899	IARI 20-148	12.4	20S	16.1	80S*	3.8	10S	3.9	20S	35	46
900	IPPSN2020-900	IARI 20-149	13	40S	1.2	5S	5.2	10S	5.1	20S	46	99
<b>900A</b>	<b>INFECTOR</b>		<b>76</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>



No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
901	IPPSN2020-901	IARI 20-150	10.4	40S	0.2	TMR	0	0	4.5	20S	46	78
902	IPPSN2020-902	IARI 20-151	1.3	5S	3.6	20MS	0	0	6.3	20S	35	57
903	IPPSN2020-903	IARI 20-152	2	10MS	8.1	40S	0.3	TS	3.3	15S	35	46
904	IPPSN2020-904	IARI 20-153	16.1	60S	3.6	10S	3.8	10S	1.8	10S	35	57
905	IPPSN2020-905	IARI 20-154	10	40MS	3.3	20MS	0.3	TS	1.9	10S	35	46
906	IPPSN2020-906	IARI 20-155	23.4	60S	3.2	10MS	2.5	5S	2.8	10MS	34	57
907	IPPSN2020-907	IARI 20-156	14.4	40S	8.2	40S	0.1	TMR	2.3	10S	35	57
908	IPPSN2020-908	IARI 20-157	23.2	40S	14.4	20S	5	10S	3.2	20S	35	36
909	IPPSN2020-909	IARI 20-158	27.4	80S	16.8	80S*	3.8	10S	16.6	40S	35	57
910	IPPSN2020-910	IARI 20-159	23.2	60S	3.7	10S	0	0	6.9	20S	46	57
911	IPPSN2020-911	IARI 20-160	2	10MR	3.3	20MS	4	10S	2.5	10MS	46	78
912	IPPSN2020-912	IARI 20-161	1.3	10MR	2.5	10MS	1.8	5MS	4.3	20S	45	78
913	IPPSN2020-913	IARI 20-162	10.4	40S	4.8	10S	5.9	10S	7.9	40S	35	57
914	IPPSN2020-914	IARI 20-163	15.2	40S	6.4	15MS	5.5	10S	4.4	15S	35	57
915	IPPSN2020-915	IARI 20-164	46	100S	3.2	20MS	0.3	TS	4.9	15S	24	34
916	IPPSN2020-916	IARI 20-165	14.8	20S	8	40S	0	0	3.2	15S	34	46
917	IPPSN2020-917	IARI 20-166	6	20MS	7.6	20MS	3.8	10S	18.2	40S	34	57
918	IPPSN2020-918	IARI 20-167	7.4	20S	8.4	20MS	5.3	20S	16.9	40S	35	68
919	IPPSN2020-919	IARI 20-168	9.6	20S	0.1	TR	2.5	10S	5	15S	45	67
920	IPPSN2020-920	IARI 20-169	19.2	40S	3.6	10S	5	10S	27	60S	46	57
<b>920A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
921	IPPSN2020-921	IARI 20-170	13.6	40S	1	10MR	5	20S	14.8	40S	35	46
922	IPPSN2020-922	IARI 20-171	22.4	40S	6	20MS	3.8	10S	18	60S	35	36
923	IPPSN2020-923	IARI 20-172	25.8	80S	3.8	10S	0	0	4.4	15S	35	46
924	IPPSN2020-924	IARI 20-173	13.6	40S	0.1	TR	1.3	5S	4.1	15S	24	36
925	IPPSN2020-925	IARI 20-174	6.4	20S	1	5S	0	0	11.9	40S	24	36
926	IPPSN2020-926	IARI 20-175	21.2	60S	5	15MS	0	0	5	20S	35	36
<b>CCS HAU, Hisar</b>												
927	IPPSN2020-927	P 13582	27.6	60S	1.6	10MS	2.3	10MS	22.4	60S	35	57
928	IPPSN2020-928	P 13590	11.3	40S	2.8	10S	1.3	5S	6.3	20S	35	57
929	IPPSN2020-929	P 13633	17	60S	3.2	20MS	0.3	TS	16.5	40S	45	67
930	IPPSN2020-930	P 13644	32.6	80S	9.4	20S	2	10MS	5.9	20S	46	57
931	IPPSN2020-931	P 13645	11.2	20S	2.1	10S	2.5	5S	3.1	10S	45	68
932	IPPSN2020-932	P 13673	16.4	40S	0.1	TR	0	0	0.9	5MS	46	57
933	IPPSN2020-933	P 13733	31.2	80S	3.6	10S	5	20S	4.4	15S	46	57
934	IPPSN2020-934	P 13757	10.4	20S	7.2	20S	13	40S	8	40S	45	67
935	IPPSN2020-935	P 13769	9.9	40S	2.9	10S	1.8	5S	12.4	60S	45	68
936	IPPSN2020-936	P 13775	17.2	40S	2.2	10S	1.4	5S	5.3	20S	35	46
937	IPPSN2020-937	P 13793	14.4	40MS	2.2	10S	0	0	2.8	15S	35	46
938	IPPSN2020-938	P 13810	21.2	60S	0.9	5MS	3.9	10S	4	15S	35	67
939	IPPSN2020-939	P 13816	20	40S	4	15MS	1.3	5S	5.6	10S	35	67
940	IPPSN2020-940	P 13818	8.4	10S	5.8	20S	10	40S	3.8	10S	35	46
<b>940A</b>	<b>INFECTOR</b>		<b>76</b>	<b>100S</b>	<b>80</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
941	IPPSN2020-941	P 13822	16.4	60S	1.1	5S	1.3	5S	7.6	40S	45	57
942	IPPSN2020-942	P 13829	15.2	20S	4.8	20S	0.5	5R	6.4	30S	35	46
943	IPPSN2020-943	P 13839	21.6	40S	1.8	10MS	2.5	10S	10.9	40S	46	68
944	IPPSN2020-944	P 13869	12	40S	6.8	20S	5.3	20S	8.4	20S	46	78
945	IPPSN2020-945	P 13888	2.8	10S	0.5	5MR	0	0	16.7	40S	35	68
946	IPPSN2020-946	P 13900	14.8	40S	0.5	5MR	0	0	8.1	20S	35	57
947	IPPSN2020-947	P 13901	11.8	40S	2.4	10MS	6.3	20S	5.9	20S	46	68
948	IPPSN2020-948	P 13905	18	40S	7.4	20MS	2.5	10S	4	20S	45	46
949	IPPSN2020-949	P 13908	19.2	40S	5	20MS	1.3	5S	13.3	40S	45	68
950	IPPSN2020-950	P 13919	19.2	40S	5.2	20MS	4	10S	11.4	20S	45	67
951	IPPSN2020-951	P 13929	16.1	40S	28	60S	5.3	10S	6	15S	56	78
952	IPPSN2020-952	P 13932	16.2	40S	7.2	30MS	3.8	10S	9.3	20S	46	57
953	IPPSN2020-953	P 13934	6	20S	2.4	10MS	5.1	10S	15.5	40S	45	57
954	IPPSN2020-954	P 13938	10.8	30MS	0.1	TR	0.8	5MR	8.5	30S	45	68
955	IPPSN2020-955	P 13939	13.3	40S	3.6	10S	3.9	10S	11.9	40S	35	46
956	IPPSN2020-956	P 13940	10.4	20S	5.6	20S	1.3	5S	5.8	20S	35	57
957	IPPSN2020-957	P 13941	6.3	20S	1.3	5S	5	10S	8.1	20S	35	57
958	IPPSN2020-958	P 13942	6.7	20S	4	15MS	8.5	20S	14.3	40S	35	57

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
959	IPPSN2020-959	P 13946	13.6	60S*	12.8	40S	3.9	10S	21.9	60S	35	57
960	IPPSN2020-960	P 13967	19.2	80S*	9.6	40S	2.9	10S	3.5	20S	46	67
960A	INFECTOR		80	100S	88	100S	62.5	80S	67.5	80S	67	79
961	IPPSN2020-961	P 13973	6.6	10S	2.1	20MR	2.8	10S	18.5	40S	45	56
962	IPPSN2020-962	P 13974	6.5	20S	4.9	20MS	8.5	30S	4.3	15S	35	57
963	IPPSN2020-963	P 13977	10.8	40S	9.2	20S	7.7	20S	5.8	15S	35	57
964	IPPSN2020-964	P 13979	4.4	10S	12	60S*	1.3	5MS	4.9	15S	35	46
965	IPPSN2020-965	P 13980	3.2	10S	19.2	80S*	2.7	10S	2.8	10S	35	57
966	IPPSN2020-966	P 13981	2.1	10MS	27.2	80S	7.7	20S	9.3	20S	35	46
967	IPPSN2020-967	P 13982	3.6	10S	4.4	20S	7.8	30S	5.6	15S	35	57
968	IPPSN2020-968	P 13988	1.6	10MR	2.4	10MS	1.8	5S	0.9	5MS	35	57
969	IPPSN2020-969	P 13993	0.4	5MR	0	TR	0.3	TS	6.9	15S	35	68
970	IPPSN2020-970	P 13994	0.2	TS	5.2	15MS	1.3	5S	6.1	10S	35	68
971	IPPSN2020-971	P 13999	0.8	10MR	1.7	10MS	0	0	6.9	20S	25	36
972	IPPSN2020-972	P 14000	8.1	40S	0.9	5MS	2.6	10S	1.5	5S	35	57
973	IPPSN2020-973	P 14022	8.2	20MS	7.4	20MS	10.3	40S	8.4	20S	46	68
974	IPPSN2020-974	P 14034	12	20S	3.4	10MS	5	20S	17.9	40S	35	57
975	IPPSN2020-975	P 14041	5.2	10S	8	20MS	8.8	30S	6.3	15S	35	68
976	IPPSN2020-976	P 14048	11.2	40S	6.8	20MS	5.3	20S	4.5	10S	46	57
977	IPPSN2020-977	P 14061	15.6	40S	2.8	5S	0.2	TMS	6.2	10S	46	68
978	IPPSN2020-978	P 14090	21.8	60S	1.8	10MS	0	0	3.6	15S	35	57
979	IPPSN2020-979	P 14103	5.2	20MS	3.3	10MS	3.8	10S	11	20S	46	58
980	IPPSN2020-980	P 14114	19.6	40S	3.8	20MS	2.5	10S	18	40S	46	68
980A	INFECTOR		84	100S	80	100S	57.5	80S	65	80S	67	79
981	IPPSN2020-981	P 14115	24.8	80S	0.1	TR	2.5	10S	6.4	15S	45	57
982	IPPSN2020-982	P 14225	20.1	80S	12.1	60S*	1.4	5S	4.6	15S	35	46
983	IPPSN2020-983	P 8127	24.8	100S	7.7	20S	1.5	10MR	1.8	5MS	45	67
984	IPPSN2020-984	P 8228	24	100S	8.1	40MS	2	5S	3.2	20MS	46	78
985	IPPSN2020-985	P 8229	25.2	100S	8.9	40S	1.3	5MS	1.8	5S	35	78
986	IPPSN2020-986	P 8241	27.2	80S	6.9	20S	2.3	5S	0.3	5MR	45	68
<b>Udaipur</b>												
987	IPPSN2020-987	PWU 14	13.6	60S*	5.9	20MS	2.5	10S	42	80S	46	78
988	IPPSN2020-988	PWU-15	1.6	10MR	6	20S	3	10S	53.5	80S	46	78
989	IPPSN2020-989	PWU-16	3.3	10MS	1.3	5MS	3.5	10S	42.5	60S	45	68
990	IPPSN2020-990	PWU-17	8.4	20S	1.1	5S	0	0	21.5	40S	46	78
991	IPPSN2020-991	PWU-18	4.4	10S	0.5	5MR	2	5MS	8.6	40S	46	78
992	IPPSN2020-992	PWU-19	4	20MS	0.1	TR	2.5	10S	4.3	15S	46	78
<b>Kalyani</b>												
993	IPPSN2020-993	BCW 12	24.8	80S	2.8	20MR	1.5	5MS	5.6	20S	34	46
994	IPPSN2020-994	BCW 18	26.8	80S	1.7	10MS	0.3	TS	7.5	20S	35	57
<b>IIWBR, Karnal</b>												
995	IPPSN2020-995	RWP-TS-15	17.6	60S	1.4	5S	1.3	5MS	3.3	15S	46	57
996	IPPSN2020-996	RWP-TS-27	40.8	80S	6.4	20S	3.8	10S	3.4	10S	35	36
997	IPPSN2020-997	RWP-TS-24	18.4	60S	0.5	5MR	0	0	2.7	10S	34	46
998	IPPSN2020-998	RWP-TS-26	12	40MS	0.9	10MR	0.3	TS	3.8	15S	45	68
999	IPPSN2020-999	RWP-TS-23	20.8	80S	0.9	10MR	0.3	TS	2.5	10S	34	57
1000	IPPSN2020-1000	RWP-TS-17	21.2	60S	18.6	40S	10.3	40S	1.8	10MS	35	47
1000A	INFECTOR		76	100S	84	100S	62.5	80S	67.5	80S	57	79
1001	IPPSN2020-1001	RWP-TS-33	19	40S	1.6	5MS	0	0	6.3	15S	46	57
1002	IPPSN2020-1002	RWP-TS-16	27.2	80S	6.6	20S	15.3	40S	11.4	40S	46	68
1003	IPPSN2020-1003	RWP-TS-11	2	10MS	3	10S	1.4	5S	1.9	5S	35	47
1004	IPPSN2020-1004	RWP-TS-13	13.6	40S	16.1	80S*	0.5	5MR	3.6	20S	35	46
1005	IPPSN2020-1005	RWP-TS-28	32	40S	9.1	40S	2.8	10S	4	15S	35	57
1006	IPPSN2020-1006	RWP-TS-01	1.7	10MS	4.3	20S	2.3	5S	4.4	20S	35	46
1007	IPPSN2020-1007	NEP-TS-14	15.2	40S	2.5	10S	3.8	10S	6.3	30S	35	57
1008	IPPSN2020-1008	NEP-TS-4	26	60S	0.9	5MS	2.7	10S	4	15S	35	57
1009	IPPSN2020-1009	NEP-TS-7	8.8	20MS	6.4	20MS	0.3	TS	12.9	40S	34	35
1010	IPPSN2020-1010	NEP-TS-1	7.2	20S	2.1	10MS	1.8	5S	6.3	30S	35	46
1011	IPPSN2020-1011	NEP-TS-18	34	80S	14.4	40S	11	40S	4.4	20S	46	67
1012	IPPSN2020-1012	DWAP-TS-14	24.8	60S	21.2	40S	14	40S	10.7	40S	35	68
1013	IPPSN2020-1013	DWAP-TS-13	16	40S	0.8	10MR	1.8	5S	11.9	40S	45	78

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
1014	IPPSN2020-1014	DWAP-TS-21	16	40S	6.1	20S	6.3	20S	16.1	40S	45	67
1015	IPPSN2020-1015	DWAP-TS-22	27.4	80S	28	60S	26	40S	4.3	15S	45	67
1016	IPPSN2020-1016	BST-A-TS-20	5.8	20MS	5.1	20S	0.3	TS	6	20S	45	57
1017	IPPSN2020-1017	BST-A-TS-05	24.8	40S	0.9	10MR	0.3	TS	6.3	20S	35	46
1018	IPPSN2020-1018	BST-A-TS-09	16.8	40S	5.4	10S	1.3	5S	5.3	20S	46	78
1019	IPPSN2020-1019	BST-A-TS-07	22.4	40S	6.8	20MS	5.9	10S	15	40S	45	67
1020	IPPSN2020-1020	BST-A-TS-10	8.8	20S	5	15MS	2.5	10S	11.3	20S	46	67
<b>1020A</b>	<b>INFECTOR</b>		<b>72</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
1021	IPPSN2020-1021	BST-A-TS-19	5.2	20MS	1	5S	1.3	5S	23	40S	46	57
1022	IPPSN2020-1022	BST-A-TS-04	11	20S	1.6	20MR	2.5	10S	10.9	20S	24	45
1023	IPPSN2020-1023	QYT-TS-15	0.9	10MR	0.1	TR	5	20S	11.8	40S	35	58
1024	IPPSN2020-1024	QYT-TS-12	6	10S	17	80S*	3.8	10S	7.3	15S	34	46
1025	IPPSN2020-1025	QYT-TS-08	1.8	20MR	9	40S	11.5	40S	14.2	40S	45	57
1026	IPPSN2020-1026	QYT-TS-14	5.6	20S	14.8	40S	6.5	20MS	16.5	40S	45	58
1027	IPPSN2020-1027	QYT-TS-06	1.7	10MS	4	20S	0	0	5	20S	34	57
1028	IPPSN2020-1028	QYT-TS-03	8.1	40S	0	TR	2.6	5S	3.9	15S	45	67
1029	IPPSN2020-1029	GRU/2019-20/12	5.2	10S	2.7	10MS	1.3	5S	4.5	20S	24	35
1030	IPPSN2020-1030	RWP-TS-29	30.8	60S	12	20S	7.5	20S	22.3	60S	35	46
1031	IPPSN2020-1031	RWP-TS-19	27.6	60S	4.2	20MS	1.5	5S	10.1	20S	24	35
1032	IPPSN2020-1032	RWP-TS-03	15.2	40MS	4.1	10MS	4	10S	5.3	15S	35	46
1033	IPPSN2020-1033	RWP-TS-35	18	60S	12	40S	0.3	TS	4.4	10S	35	57
1034	IPPSN2020-1034	RWP-TS-36	16.8	40S	3.2	20MS	0.3	TS	16.9	40S	35	46
1035	IPPSN2020-1035	RWP-TS-22	46	80S	8.2	20S	2.8	10S	6.9	20S	34	46
1036	IPPSN2020-1036	RWP-TS-38	8.8	20MS	5.2	20S	1.3	5S	3.1	20S	35	57
1037	IPPSN2020-1037	RWP-TS-25	34	40S	4.4	20MS	1.8	5S	5.5	15S	35	46
1038	IPPSN2020-1038	NEP-TS-23	5.8	20S	1.6	5MS	1.4	5S	12	40S	46	57
1039	IPPSN2020-1039	DWAP-TS-04	14	20S	26	80S	17.5	40S	13.8	40S	35	46
1040	IPPSN2020-1040	DWAP-TS-29	29.6	60S	2	5S	1.3	5S	3.6	15S	45	67
<b>1040A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>67</b>	<b>79</b>
1041	IPPSN2020-1041	DWAP-TS-07	14.2	40S	9	40S	2.7	10S	24	60S	35	67
1042	IPPSN2020-1042	DWAP-TS-26	18	40S	2.7	10MS	1.3	5S	12.9	40S	34	67
1043	IPPSN2020-1043	DWAP-TS-28	20.4	40S	1.6	5MS	2.3	5S	4.8	15S	34	67
1044	IPPSN2020-1044	BST-D-TS-04	10.1	40S	0.9	10MR	2.8	10S	4.9	20S	35	57
1045	IPPSN2020-1045	BST-A-TS-25	8	20MS	1.2	5MS	2.5	10S	17	40S	45	57
1046	IPPSN2020-1046	BST-A-TS-15	59.2	100S	9.2	20MS	6.5	20S	3.8	20S	45	78
1047	IPPSN2020-1047	BST-A-TS-26	48.8	100S	16	20S	18.8	40S	9.2	40S	56	78
1048	IPPSN2020-1048	BST-A-TS-17	36	80S	13.2	20S	8.8	10S	16.9	40S	46	78
1049	IPPSN2020-1049	BST-A-TS-14	21.6	40S	12.2	20S	10	20S	11.9	40S	45	78
1050	IPPSN2020-1050	QYT-TS-20	4.8	20S	9.6	40S	5.3	20S	8	40MS	34	57
1051	IPPSN2020-1051	QYT-TS-02	25.6	40S	4.5	10S	1.8	5S	7.3	20MS	35	78
1052	IPPSN2020-1052	QYT-TS-25	30	60S	8.8	20S	1.3	5S	7.5	40S	35	58
1053	IPPSN2020-1053	PYT-TS-SR-15	5.2	10S	1.6	10MS	1.3	5S	21.1	60S	46	68
1054	IPPSN2020-1054	RWP-IR-LS-13	52.8	80S	21.6	60S	0.4	TS	4.4	15S	45	68
1055	IPPSN2020-1055	RWP-IR-LS-07	32.8	80S	19.3	80S	8.8	20S	3	15S	35	57
1056	IPPSN2020-1056	RWP-IR-LS-12	7.2	20S	0.1	TR	3.8	10S	2	5S	24	36
1057	IPPSN2020-1057	RWP-IR-LS-05	45.6	80S	15.2	40S	16	20S	1.4	5S	45	68
1058	IPPSN2020-1058	RWP-IR-LS-10	7.2	20S	8	20S	3.3	10MS	5.6	20S	34	46
1059	IPPSN2020-1059	RWP-IR-LS-04	32.4	80S	6	20MS	22.5	40S	3.9	15S	34	46
1060	IPPSN2020-1060	RWP-IR-LS-02	16.9	60S	4.9	20S	1.3	5S	4.3	20S	45	57
<b>1060A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>68</b>	<b>79</b>
1061	IPPSN2020-1061	RWP-IR-LS-06	30.8	80S	18.4	80S*	5.3	20S	4.6	20S	45	57
1062	IPPSN2020-1062	NEPZ-LS-24	16	60S*	6.5	20S	2.5	10S	1.3	5S	35	46
1063	IPPSN2020-1063	NEPZ-LS-25	48	80S	21.6	40S	15	20S	3.1	10S	35	57
1064	IPPSN2020-1064	NEPZ-LS-08	7.6	20S	13.6	40S	7.5	20S	8.6	40S	45	67
1065	IPPSN2020-1065	NEPZ-LS-17	20	40S	5.6	20S	3.9	10S	6.3	20S	46	58
1066	IPPSN2020-1066	NEPZ-LS-04	17.3	80S*	4.9	20S	0.4	TS	2.9	10S	35	57
1067	IPPSN2020-1067	NEPZ-LS-12	13.6	40S	0.9	5MS	1.3	5S	4.3	10S	35	57
1068	IPPSN2020-1068	NEPZ-LS-09	48	100S	21.8	80S	12.5	40S	3.2	10S	34	46
1069	IPPSN2020-1069	DWAP-LS-06	19.2	40S	14.4	60S*	2.5	5S	3.2	10S	35	46
1070	IPPSN2020-1070	DWAP-LS-07	37.6	60S	21.2	40S	5.3	10S	11.3	40S	35	57
1071	IPPSN2020-1071	DWAP-LS-11	6.4	20MS	4.8	20MS	3.8	10S	15.8	40S	35	58

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
1072	IPPSN2020-1072	DWAP-LS-08	18	40S	10.8	30MS	8.5	20S	10.5	40S	45	57
1073	IPPSN2020-1073	DWAP-LS-13	23.3	60S	2.1	5MS	4.5	10S	4.1	10S	45	67
1074	IPPSN2020-1074	DWAP-LS-16	16.6	40S	3.2	10MS	1.3	5S	3	10S	35	57
1075	IPPSN2020-1075	DWAP-LS-19	3.2	20MS	1.7	10MS	0.3	TS	16.8	60S	45	67
1076	IPPSN2020-1076	DWAP-LS-14	11.2	20S	6.8	20S	11.3	40S	10.8	40S	24	35
1077	IPPSN2020-1077	BST-A-LS-01	16	40S	0.9	10MR	1.8	5S	5	20S	34	46
1078	IPPSN2020-1078	BST-A-LS-10	14	40S	6.4	20MS	0.2	TMS	17.4	60S	35	46
1079	IPPSN2020-1079	BST-A-LS-02	3.8	10S	4.9	20S	0.3	TS	4	15S	35	78
1080	IPPSN2020-1080	BST-A-LS-07	2.4	10MR	19.2	80S	5	20S	4.4	15S	34	46
<b>1080A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>62.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
1081	IPPSN2020-1081	BST-A-LS-03	15.6	40S	14	20S	5.3	10S	16.4	40S	46	67
1082	IPPSN2020-1082	QYT-LS-1944	18	40S	8	20S	2.5	10S	12.1	40S	35	57
1083	IPPSN2020-1083	QYT-LS-1950	15	40S	6	20S	2.3	5S	6.9	20S	35	57
1084	IPPSN2020-1084	QYT-LS-1943	26	60S	5.6	20S	0.3	TS	3.1	15S	34	46
1085	IPPSN2020-1085	QYT-LS-1958	3.3	20MS	1.6	20MR	0.3	TS	5.5	15S	34	57
1086	IPPSN2020-1086	GRU/2019-20/13	19.6	40S	8.9	40S	1	5MS	3.8	10S	34	57
1087	IPPSN2020-1087	RWP-RI-14	14.4	40MS	14.4	40S	1.3	5S	31.3	60S	45	67
1088	IPPSN2020-1088	RWP-RI-16	31.2	60S	16.8	60S	0.5	5MR	5.4	15S	45	67
1089	IPPSN2020-1089	RWP-RI-02	1.3	10MR	4.1	20S	2.5	10S	3.5	15S	45	68
1090	IPPSN2020-1090	RWP-RI-06	3.2	10MS	2.4	10MS	0.1	TMR	13	40S	35	57
1091	IPPSN2020-1091	RWP-RI-17	10.8	30MS	7.6	20MS	0.3	TS	4.9	15S	45	67
1092	IPPSN2020-1092	RWP-RI-07	48	80S	19.2	40S	4	10S	4	15S	45	68
1093	IPPSN2020-1093	RWP-RI-15	25.6	60S	7.6	20MS	1.4	5S	7	20S	45	78
1094	IPPSN2020-1094	RWP-RI-19	20.8	60S	4.4	20MS	0.3	TS	3.3	15S	35	68
1095	IPPSN2020-1095	NEPZ-RI-15	50	100S	36.8	80S	27.5	40S	4.9	15S	24	46
1096	IPPSN2020-1096	NEPZ-RI-06	56	100S	16.1	40S	12.8	20S	3.9	15S	34	46
1097	IPPSN2020-1097	NEPZ-RI-03	8	20S	0.9	5MS	1.5	5S	20.5	60S	35	46
1098	IPPSN2020-1098	NEPZ-RI-14	23.2	80S	4.5	20S	7.3	20S	4.5	15S	35	57
1099	IPPSN2020-1099	DWAP-10	23.4	80S	1.7	10MS	2.6	10S	3.7	15S	35	46
1100	IPPSN2020-1100	DWAP-04	8.4	40MS	4.1	20S	2.8	10S	22.5	60S	45	67
<b>1100A</b>	<b>INFECTOR</b>		<b>76</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>70</b>	<b>80S</b>	<b>67</b>	<b>79</b>
1101	IPPSN2020-1101	DWAP-19	4.5	10S	8.5	20S	7.5	20S	24.5	60S	35	67
1102	IPPSN2020-1102	DWAP-06	16.3	40S	5.2	10S	3.5	10S	13.9	40S	45	67
1103	IPPSN2020-1103	BST-A-RI-1905	28.8	80S	28.8	40S	12.3	40S	6.8	20S	46	68
1104	IPPSN2020-1104	BST-A-RI-1904	13.6	40S	4.2	10MS	0.3	TS	24.4	60S	35	57
1105	IPPSN2020-1105	BST-A-RI-1907	40.6	80S	14.5	20S	5	20S	4.8	10S	45	78
1106	IPPSN2020-1106	QYT-RI-1926	2.7	10MS	2.1	10S	6.3	20S	15.5	40S	45	57
1107	IPPSN2020-1107	QYT-RI-1941	20.8	40S	6.8	20MS	1.4	5S	17.1	60S	35	57
1108	IPPSN2020-1108	GRU/2019-20/14	6.1	20S	1	5S	1.5	5S	13.3	40S	35	46
<b>BHU, Varanasi</b>												
1109	IPPSN2020-1109	HUWL2001	29	60S	20.8	40S	11.5	40S	20.4	60S	34	57
1110	IPPSN2020-1110	HUWL2002	9	20S	4.5	10S	2	10MS	35.9	60S	24	46
1111	IPPSN2020-1111	HUWL2003	14	40S	5.2	10S	5.3	20S	36	60S	35	57
1112	IPPSN2020-1112	HUWL2004	16.2	40S	4.9	20MS	2.5	10S	37	60S	24	35
1113	IPPSN2020-1113	HUWL2005	26.4	40S	17.6	80S*	3.3	10S	29.6	60S	35	57
1114	IPPSN2020-1114	HUWL2006	1.3	10MR	13.6	40S	11.3	40S	54.5	80S	35	46
1115	IPPSN2020-1115	HUWL2007	27.2	80S	1.6	10MR	4.3	10S	33.8	60S	35	57
1116	IPPSN2020-1116	HUWL2008	39.2	80S	13.6	20S	16.3	60S*	35.8	60S	35	57
1117	IPPSN2020-1117	HUWL2009	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>
1118	IPPSN2020-1118	HUWL2010	52	80S	24.4	60S	28.5	60S	23.5	60S	45	67
1119	IPPSN2020-1119	HUWL2011	11.1	40S	20.1	80S*	0	0	19.7	40S	45	45
1120	IPPSN2020-1120	HUWL2012	11.2	20S	0.8	10MR	6.3	10S	27	60S	24	35
<b>1120A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
1121	IPPSN2020-1121	HUWL2013	1.2	10MR	3.5	20MS	0	0	18	40S	45	67
1122	IPPSN2020-1122	HUWL2014	30	60S	2.8	10S	4.3	10S	32.5	60S	45	57
1123	IPPSN2020-1123	HUWL2015	5.6	20S	2.1	10MS	2.5	10S	17	40S	45	67
1124	IPPSN2020-1124	HUWL2016	10.4	40S	3.6	20MS	0.1	TMR	26.8	60S	46	78
1125	IPPSN2020-1125	HUWL2017	32	80S	11.2	40S	7.3	20S	30.9	60S	45	57
1126	IPPSN2020-1126	HUWL2018	23.2	80S	25.6	60S	13.6	40S	29.1	60S	45	67
1127	IPPSN2020-1127	HUWL2019	32	60S	14.8	40S	7.3	20S	12	40S	35	48
1128	IPPSN2020-1128	HUWL2020	21.8	40S	6	20MS	1.3	5S	20.1	60S	45	46

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
1129	IPPSN2020-1129	HUWL2021	39	80S	20	60S	7.3	20S	12.1	40S	45	68
1130	IPPSN2020-1130	HUWL2022	27.2	60S	10.4	20S	12.7	40S	17.8	40S	45	68
1131	IPPSN2020-1131	HUWL2023	24.8	60S	9.6	20MS	6	20S	21.4	40S	46	78
1132	IPPSN2020-1132	HUWL2024	32.2	60S	11.6	40S	5	20S	24.4	40S	35	57
1133	IPPSN2020-1133	HUWL2025	43.2	100S	10	20S	10	20S	8.8	20S	35	57
1134	IPPSN2020-1134	HUWL2026	39.6	80S	6	20S	3.8	10S	16.8	40S	35	46
1135	IPPSN2020-1135	HUWL2027	25.4	60S	5.2	20S	3.8	10S	15.4	40S	35	46
1136	IPPSN2020-1136	HUWL2028	24	60S	11.2	40S	0.1	TMR	12.3	40S	35	46
1137	IPPSN2020-1137	HUWL2029	32	60S	4.4	10S	1.4	5S	23.3	40S	36	57
1138	IPPSN2020-1138	HUWL2030	11.2	20S	9.2	20S	5.8	20S	6.4	20S	35	58
1139	IPPSN2020-1139	HUWL2031	3	10S	12.8	40S	2.3	5S	11	20S	35	57
1140	IPPSN2020-1140	HUWL2032	29.6	60S	7.7	20S	3.8	10S	16.3	40S	45	68
1140A	INFECTOR		80	100S	88	100S	62.5	80S	67.5	80S	67	79
1141	IPPSN2020-1141	HUWL2033	4.8	10MS	39.6	80S	26.3	60S	22.9	40S	46	68
1142	IPPSN2020-1142	HUWL2034	11.2	20S	12.8	60S*	3.8	10S	12.8	40S	35	46
1143	IPPSN2020-1143	HUWL2035	32.1	80S	35.2	80S	22.8	40S	27.8	60S	56	78
1144	IPPSN2020-1144	HUWL2036	24	80S	24.8	60S	15.5	40S	10.2	20S	56	68
1145	IPPSN2020-1145	HUWL2037	20	60S	14.4	40S	4.8	10S	6.4	20MS	45	67
1146	IPPSN2020-1146	HUWL2038	17.6	40S	11.2	20S	10.3	20S	11.4	40S	45	68
1147	IPPSN2020-1147	HUWL2039	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
1148	IPPSN2020-1148	HUWL2040	6.8	20MS	27.2	60S	27.5	60S	26.5	40S	46	68
<b>Bioseed Research India</b>												
1149	IPPSN2020-1149	BW17R2038	32.8	60S	16.8	40S	2.3	5S	27.5	60S	46	57
1150	IPPSN2020-1150	BW17R6045	33.6	80S	12.8	20S	5.3	20S	18.8	60S	46	68
<b>Sahib Seeds</b>												
1151	IPPSN2020-1151	Sahib 2603	2.4	10MS	1.2	5MS	1.3	5S	27	60S	35	57
<b>JNKVV Sagar</b>												
1152	IPPSN2020-1152	920(d)	2.9	10S	1.3	10MR	11.3	40S	3.6	20S	56	78
1153	IPPSN2020-1153	926	16.4	40S	49.6	80S	20	60S	48.5	80S	35	57
1154	IPPSN2020-1154	946	0.1	TMR	5.2	15MS	6.8	20S	16.5	60S	46	68
1155	IPPSN2020-1155	948	2.8	10MS	8.8	20MS	4.3	10S	29	80S	46	67
1156	IPPSN2020-1156	1006	3.6	10MS	0.1	TR	11.3	40S	30.3	80S	46	78
1157	IPPSN2020-1157	1013	14.8	40S	19.2	40S	3.8	10S	39.5	80S	46	68
1158	IPPSN2020-1158	1117	0.5	5MR	0.1	TR	2	5S	11.6	30S	46	67
1159	IPPSN2020-1159	1119	2.4	10MS	2.1	10S	10.3	40S	20.3	60S	35	57
1160	IPPSN2020-1160	1216	2.8	10MS	11.2	40S	16.3	40S	28.5	60S	35	57
1160A	INFECTOR		84	100S	72	100S	62.5	80S	65	80S	68	79
1161	IPPSN2020-1161	1322	13.6	40S	18.4	60S	3.7	10S	24.4	80S	34	45
<b>RPCAU, Pusa</b>												
1162	IPPSN2020-1162	RAUW 11	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
1163	IPPSN2020-1163	RAUW 12	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
1164	IPPSN2020-1164	RAUW 13	7.6	20S	0.1	TR	3	10S	22.9	60S	45	57
1165	IPPSN2020-1165	RAUW 14	13.3	20S	2	5MS	0.3	TS	1.3	5S	46	56
1166	IPPSN2020-1166	RAUW 15	10.8	20S	4.8	20MS	11.3	40S	3.5	15S	35	57
<b>RARI, Durgapura</b>												
1167	IPPSN2020-1167	WR 2065	8	20S	12.4	30MS	3	10S	22.7	60S	46	67
1168	IPPSN2020-1168	WR 2066	3.6	10S	1.7	10MS	1.8	5S	21.4	60S	46	68
1169	IPPSN2020-1169	WR 2067	6	20MS	4.9	20S	7.5	20S	11.9	40S	46	78
1170	IPPSN2020-1170	WR 2068	1.3	5MS	11.2	40S	8.8	20S	12.3	60S	46	78
1171	IPPSN2020-1171	WR 2069	1.1	10MR	8	20S	3.8	10S	7.9	40S	45	78
1172	IPPSN2020-1172	WR 2070	4.1	20S	12.8	40S	12.5	40S	11.3	60S	45	78
1173	IPPSN2020-1173	WR 2071	37.6	80S	16	40S	20	40S	10.6	40S	45	68
1174	IPPSN2020-1174	WR 2072	36.8	80S	32	40S	21.3	40S	26.2	60S	35	57
1175	IPPSN2020-1175	WR 2073	40	100S	10.4	20S	7.8	10S	7.5	20S	35	57
1176	IPPSN2020-1176	WR 2074	41.6	100S	11.2	20S	4.5	10S	5.2	20S	46	58
1177	IPPSN2020-1177	WR 2075	25	60S	7.2	20MS	11.3	40S	7.9	20S	46	57
1178	IPPSN2020-1178	WR 2076	36	80S	29.2	60S	17.5	40S	13.2	60S	45	67
1179	IPPSN2020-1179	WR 2077	64	80S	30	40S	15.2	40S	11.5	40S	45	67
1180	IPPSN2020-1180	WR 2078	64	80S	22	40S	13.8	20S	14.8	40S	57	78
1180A	INFECTOR		84	100S	84	100S	62.5	80S	65	80S	68	79
1181	IPPSN2020-1181	WR 2079	29.6	100S	13	40S	10.3	40S	5.3	20S	45	57

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
1182	IPPSN2020-1182	WR 2080	2	20MR	2.4	20MR	3.8	10S	24.4	40S	46	68
1183	IPPSN2020-1183	WR 2081	20.8	60S	8.4	20MS	4	10S	17.5	40S	45	57
1184	IPPSN2020-1184	WR 2082	1.3	10MR	6	15MS	6.3	20S	19.7	60S	35	57
1185	IPPSN2020-1185	WR 2083	15.4	40MS	4.4	15MS	13	40S	13.9	40S	35	46
1186	IPPSN2020-1186	WR 2084	37.6	80S	12	20S	10	10S	11.6	40S	35	57
1187	IPPSN2020-1187	WR 2085	1.6	10MR	0.9	5MS	2.5	10S	19.8	60S	45	57
1188	IPPSN2020-1188	WR 2086	4	10MS	6	20MS	12	40S	4.9	20MS	45	57
1189	IPPSN2020-1189	WR 2087	35.2	80S	15.6	40S	16.3	40S	5.8	20S	45	67
1190	IPPSN2020-1190	WR 2088	27.3	80S	23.5	60S	2.5	10S	4.4	15S	45	67
1191	IPPSN2020-1191	WR 2089	2.5	10MS	0.6	5MR	12	40S	6.9	20S	45	57
1192	IPPSN2020-1192	WR 2090	3.6	10S	8.9	40S	2.5	10S	19.8	60S	35	46
1193	IPPSN2020-1193	WR 2091	2	20MR	13.8	40S	7.5	20S	10.1	40S	46	57
1194	IPPSN2020-1194	WR 2092	1.6	10MS	15.3	60S	0.8	5MR	12.9	40S	35	57
1195	IPPSN2020-1195	WR 2093	0	TR	8	40S	6.3	20S	10.7	40S	35	57
1196	IPPSN2020-1196	WR 2094	0.4	5MR	5.6	20S	5	20S	11.1	40S	45	68
1197	IPPSN2020-1197	WR 2095	1.6	10MR	3.6	10S	5.3	20S	9.6	40S	45	78
1198	IPPSN2020-1198	WR 2096	26	80S	11.4	40S	13.8	40S	2.5	10S	35	46
1199	IPPSN2020-1199	WR 2097	16.8	60S	11.6	40S	13.8	40S	3.5	15S	46	57
1200	IPPSN2020-1200	WR 2098	24	80S	7.6	20S	15	40S	8.9	20S	46	57
1200A	INFECTOR		84	100S	88	100S	62.5	80S	65	80S	68	79
1201	IPPSN2020-1201	WR 2099	17.2	40MS	15.2	60S*	3.8	10S	23.7	60S	46	57
1202	IPPSN2020-1202	WR 2100	8.4	20MS	6	10S	2.5	10S	5.9	20S	35	58
1203	IPPSN2020-1203	WR 2101	23.2	60S	5	20MS	2.5	10S	18.8	40S	34	36
1204	IPPSN2020-1204	WR 2102	26.8	60S	2.4	10MR	1.3	5S	5.8	20S	35	57
1205	IPPSN2020-1205	WR 2103	18	60S	0.2	TMR	0.3	TS	6.9	20S	34	46
1206	IPPSN2020-1206	WR 2104	1.6	10MS	0	TR	0.3	TS	20.6	40S	25	37
1207	IPPSN2020-1207	WR 2105	3.2	20MS	0	TR	2.5	10S	11.3	20S	35	57
1208	IPPSN2020-1208	WR 2106	11.3	40S	4.8	10MS	3.8	10S	18.3	60S	45	67
1209	IPPSN2020-1209	WR 2107	23.6	80S	0	TR	1.3	5S	11.1	20S	35	57
1210	IPPSN2020-1210	WR 2108	4.1	20S	1	5S	12.7	40S	24.5	60S	24	35
1211	IPPSN2020-1211	WR 2109	7.6	20S	12.8	60S*	1.3	5S	26.8	40S	35	58
1212	IPPSN2020-1212	WR 2110	15	40S	1.6	5MS	3.8	10S	6.9	20MS	35	57
1213	IPPSN2020-1213	WR 2111	14.4	40S	4.4	10S	10	20S	28	60S	35	57
1214	IPPSN2020-1214	WR 2112	14	40S	8.8	20S	5	10S	16.4	40S	45	57
1215	IPPSN2020-1215	WR 2113	8.5	40S	5.6	20S	2.5	10S	13.5	40S	34	46
1216	IPPSN2020-1216	WR 2114	3.6	20MS	4.4	20MS	2.5	10S	8.3	20S	46	67
<b>BARC, Mumbai</b>												
1217	IPPSN2020-1217	TAW40	24	60S	2.8	10S	1.3	5S	32.4	80S	24	35
1218	IPPSN2020-1218	TAW41	8.4	40MS	3.7	20MS	0.3	TS	28	40S	35	46
1219	IPPSN2020-1219	TAW66	15	40S	4.4	15MS	0.3	TS	12.3	30S	34	57
1220	IPPSN2020-1220	TAW90	11.2	40S	4.1	20S	6.3	20S	19.1	40S	45	57
1220A	INFECTOR		76	100S	84	100S	62.5	80S	70	80S	68	79
1221	IPPSN2020-1221	TAW99	15.2	40S	8.1	40S	0.3	TS	18.3	40S	35	46
1222	IPPSN2020-1222	TAW100	16.2	40S	4.8	20S	0.3	TS	30.1	60S	35	57
1223	IPPSN2020-1223	TAW101	2.8	20MR	22.4	60S	21.5	40S	37.4	80S	45	58
1224	IPPSN2020-1224	TAW76	19.6	60S	5.6	15MS	12	40S	9.3	20S	45	67
1225	IPPSN2020-1225	TAW77	32	60S	18.4	40S	13.3	40S	2.8	10S	56	68
1226	IPPSN2020-1226	TAW121	25.6	80S	12.2	60S*	10	40S	13.9	40S	35	57
1227	IPPSN2020-1227	TAW133	1.2	10MR	5.7	20S	7.5	20S	5.4	20S	35	68
1228	IPPSN2020-1228	TAW142	19.2	60S	1.4	5S	2.5	5S	6.2	15S	34	57
<b>QCWBN</b>												
1229	IPPSN2020-1229	BWL 6801	26	40S	1.7	10MS	1.5	5S	8.8	40S	35	57
1230	IPPSN2020-1230	BNSR-6	20	60S	4.2	10MS	7.5	20S	19.5	40S	46	57
1231	IPPSN2020-1231	UP 3101	2.8	20MR	5.2	20S	3	5S	10.8	40S	35	67
1232	IPPSN2020-1232	IND 573	3.2	20MR	0.5	5MR	2.5	10S	56.9	100S	45	78
1233	IPPSN2020-1233	MACS 6823	9.6	40S	3.4	10MS	2.5	10S	14.7	40S	46	57
1234	IPPSN2020-1234	QLD 117	14	20S	8.1	20MS	0.1	TMR	4.7	10S	35	46
1235	IPPSN2020-1235	MACS 6821	46	60S	4.4	20MS	0.3	TS	41.9	60S	45	57
1236	IPPSN2020-1236	NEQ-2020-2	54	100S	10.5	20S	16.3	40S	7.4	20S	34	46
1237	IPPSN2020-1237	BWL 9986	32	80S	14.8	40S	10	20S	11	20S	24	36
1238	IPPSN2020-1238	UASQ 331	17.7	80S	8.5	40MS	5.3	20S	1.5	10S	46	67

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
1239	IPPSN2020-1239	CG 2021	18.4	60S	13.6	60S*	1.3	5S	41.4	80S	45	78
1240	IPPSN2020-1240	MACS 6822	8.8	20S	0.9	10MR	1.3	5S	10.5	20S	45	68
1240A	INFECTOR		76	100S	88	100S	62.5	80S	67.5	80S	67	79
1241	IPPSN2020-1241	QLD 120	3.6	10MS	6	20MS	2.6	10S	6.4	20S	45	57
1242	IPPSN2020-1242	UP 3104	1.2	10MR	12.1	60S*	3.5	5S	8	40S	35	46
1243	IPPSN2020-1243	GW-A-2020-999	9.6	40S	4.1	20S	5	20S	40	80S	46	68
1244	IPPSN2020-1244	DWAP-2026	6.4	20MS	14.5	60S	2.8	10S	37.5	80S	35	57
1245	IPPSN2020-1245	ID 2017	16.4	80S	0.1	TR	1.3	5S	2.3	10S	46	67
1246	IPPSN2020-1246	DWAP 1926	21.8	100S	16.1	80S*	0.3	TS	5.7	40S	46	57
1247	IPPSN2020-1247	BWL 9981	6.8	20MS	2.5	10MS	1.5	5S	14.5	40S	35	36
1248	IPPSN2020-1248	MACS 6824	0	TR	0.5	5MR	0.3	TS	10.3	40S	46	57
1249	IPPSN2020-1249	QLD 119	2	10MS	16.1	80S*	0	0	25.7	60S	45	57
1250	IPPSN2020-1250	IND 572	1.2	10MR	0	TR	1.3	5S	31.9	60S	46	68
1251	IPPSN2020-1251	QLD 121	1.8	5S	5.2	20S	3.5	10S	11.7	40S	35	35
1252	IPPSN2020-1252	QBI-19 - 09	8	20S	2.1	20MR	2.5	10S	13.1	40S	35	47
1253	IPPSN2020-1253	QLD 118	30	60S	12.2	40S	6	10S	10.8	40S	35	56
1254	IPPSN2020-1254	GW - A- 2019-955	2.4	10MS	2.1	10MS	0.3	TS	16.7	40S	36	47
1255	IPPSN2020-1255	QBI 19-27	3.6	40MR	10.4	30MS	1.3	5S	23.4	40S	45	57
1256	IPPSN2020-1256	QBP-18-15	25.6	60S	11.2	40S	2.8	10S	19.5	40S	45	68
1257	IPPSN2020-1257	RWP 1002	7.4	20MS	4	20S	0.3	TS	4	10S	35	57
1258	IPPSN2020-1258	QBI-20-20	2	10MS	17.6	80S*	0.3	TS	13.3	40S	46	57
1259	IPPSN2020-1259	GW-A-2020-1002	4.8	40MR	8.2	20MS	2.4	5S	37	80S	45	67
1260	IPPSN2020-1260	QLD 122	3.2	20MR	4.9	20S	2.7	10S	4.9	10S	35	46
1260A	INFECTOR		84	100S	88	100S	62.5	80S	67.5	80S	57	79
1261	IPPSN2020-1261	CG 2023	41.2	80S	26.4	80S	17.5	60S	50	80S	35	57
1262	IPPSN2020-1262	DWAP 1925	1.6	10MR	10.4	40S	1.3	10S	18	40S	45	68
1263	IPPSN2020-1263	QBI-20-14	3.6	10S	1.7	10MS	2.5	10S	3.9	10MS	35	57
1264	IPPSN2020-1264	QBI 19-24	26	80S	5	20S	7.5	20S	20.6	60S	35	57
1265	IPPSN2020-1265	GW-A-2020-998	2	20MR	0.2	TMS	1.3	5S	25.8	60S	46	68
1266	IPPSN2020-1266	QLD 123	6.8	20MS	2.4	10MS	0.4	TS	6.1	20S	35	57
1267	IPPSN2020-1267	RWP 1146	20	60S	23.6	60S	22.5	40S	5.1	20S	35	57
1268	IPPSN2020-1268	DWAP-2025	34	80S	20.8	40S	6.3	20S	9.6	20S	46	67
1269	IPPSN2020-1269	QBI-20-9	19.2	40S	7.6	20S	16	20S	21.9	60S	46	68
1270	IPPSN2020-1270	BNSR-7	4.8	20S	0.1	TMR	3.8	10S	26.8	60S	35	57
1271	IPPSN2020-1271	HTW 2019-21	13.6	60S	1.7	5MS	6.5	20S	35.5	80S	45	67
1272	IPPSN2020-1272	GW-A-2019-957	0.4	5MR	2.4	5MS	2.5	10S	18.9	40S	56	78
1273	IPPSN2020-1273	QBI-19 - 15	0.8	5MS	1.9	5S	1.3	5S	28.8	60S	35	57
1274	IPPSN2020-1274	GW - (d)- 2019-987	9.6	20S	1.7	10MS	0.3	TS	3	10MS	46	78
1275	IPPSN2020-1275	UASQ 330	17.6	80S	0.1	TR	0.3	TS	11.2	40S	45	67
1276	IPPSN2020-1276	NEQ-2020-1	4.4	20S	0	TR	1.3	5S	9.6	40S	35	78
<b>BRNS</b>												
1277	IPPSN2020-1277	DBW88-1	19	60S	0	TR	2.5	10S	12.3	40S	24	57
1278	IPPSN2020-1278	DBW88-2	12.8	40S	2.6	10MS	1.3	5S	28.9	60S	24	57
1279	IPPSN2020-1279	DBW88-3	6.4	40MR	1.1	5S	0.3	TS	11.9	40S	34	46
1280	IPPSN2020-1280	DBW88-4	26	60S	2.1	10S	2.5	10S	16.4	60S	35	58
1280A	INFECTOR		76	100S	88	100S	62.5	80S	70	80S	68	79
1281	IPPSN2020-1281	DBW88-5	23.6	60S	1.6	5MS	1.5	5S	18.9	60S	24	35
1282	IPPSN2020-1282	DBW88-6	11.6	20S	5.8	20S	2.5	10S	27.5	60S	24	36
1283	IPPSN2020-1283	DBW88-7	24.6	60S	8.4	40S	0.3	TS	15.1	60S	24	46
1284	IPPSN2020-1284	DBW88-8	9.2	20MS	6.8	20MS	1.3	5MS	7.3	40S	34	57
1285	IPPSN2020-1285	DBW88-9	25.6	80S	20.8	80S	7.3	20S	14.2	40S	24	36
1286	IPPSN2020-1286	DBW88-10	32	60S	12	40S	2.5	10S	17	40S	24	46
1287	IPPSN2020-1287	DBW88-11	27.2	80S	15.3	40S	5.3	20S	18.9	40S	35	57
1288	IPPSN2020-1288	DBW88-12	26	80S	6	10S	3.8	10S	21.4	40S	24	46
1289	IPPSN2020-1289	DBW88-13	22	60S	18.4	40S	12.3	40S	26.4	60S	24	35
1290	IPPSN2020-1290	DBW88-14	20.4	40S	5.6	20S	0.3	TS	28.6	60S	35	57
1291	IPPSN2020-1291	DBW88-15	8.4	20MS	2.5	10MS	1.4	5S	13.6	40S	35	46
1292	IPPSN2020-1292	DBW88-16	21.6	40S	1.7	10MS	2.5	10S	9.3	40S	35	57
1293	IPPSN2020-1293	DBW88-17	18.6	40S	1.7	10MS	2.6	10S	6.1	20S	35	46
1294	IPPSN2020-1294	DBW88-18	22.6	60S	2.6	20,MR	5	20S	5.6	20S	35	68
1295	IPPSN2020-1295	DBW88-19	8.8	20S	7.2	20MS	0.1	TMR	11.3	40S	24	46

No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
			ACI	HS	South		North		ACI	HS	Avg.	HS
					ACI	HS	ACI	HS				
1296	IPPSN2020-1296	DBW88-20	19	60S	0.8	10MR	2.5	10S	26.4	40S	24	57
1297	IPPSN2020-1297	DBW88-21	16	60S	8	15MS	3.9	10S	19.3	60S	35	36
1298	IPPSN2020-1298	DBW88-22	6.2	20MS	7.4	20S	1.4	5S	24.9	60S	35	57
1299	IPPSN2020-1299	DBW88-23	28	80S	6.8	20S	3.9	10S	7.3	20S	45	68
1300	IPPSN2020-1300	DBW88-24	19.2	60S	2.8	20MR	1.3	5S	25.2	60S	24	57
<b>1300A</b>	<b>INFECTOR</b>		<b>80</b>	<b>100S</b>	<b>84</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>65</b>	<b>80S</b>	<b>68</b>	<b>79</b>
<b>SATSN</b>												
1301	IPPSN2020-1301	KRL-2001	40	80S	26	60S	11.5	40S	17.4	40S	35	57
1302	IPPSN2020-1302	KRL-2006	29	80S	6.2	20MS	0.3	TS	11.8	40S	34	45
1303	IPPSN2020-1303	KRL-2009	0.1	TMR	0.8	10MR	0	0	9.9	40S	34	57
1304	IPPSN2020-1304	KRL-2011	0.4	5MR	4.6	20MS	0	0	8.8	20S	45	68
1305	IPPSN2020-1305	KRL-2012	4.5	10S	1.7	10MS	0	0	3.5	15S	34	57
1306	IPPSN2020-1306	KRL-2017	3	10MS	4.8	20MS	1.3	5S	8.6	20S	45	68
1307	IPPSN2020-1307	KRL-2018	42	80S	3.2	10MS	3.8	10S	24.5	60S	45	57
1308	IPPSN2020-1308	KRL-2023	10.4	40MS	16.8	60S	0.3	TS	16.5	40S	46	78
1309	IPPSN2020-1309	KRL-2026	8.8	20S	7.2	20MS	1.3	5S	4.6	20MS	35	78
1310	IPPSN2020-1310	KRL-2027	11.4	40S	2	10S	0	0	4.8	10S	46	68
1311	IPPSN2020-1311	RWP1116	12	40S	2.9	10S	0.3	TS	4.2	20S	35	57
1312	IPPSN2020-1312	RWP1119	1.4	5S	9	40S	12.5	40S	13.6	40S	45	58
1313	IPPSN2020-1313	LBP-2019-14	6.2	20MS	8.8	20S	2.5	10S	22.4	60S	35	67
1314	IPPSN2020-1314	LBP-2019-21	6.4	15MS	6.2	20MS	2.5	10S	19.6	60S	35	68
1315	IPPSN2020-1315	LBP-2019-31	47.2	80S	16.4	60S	11.5	40S	2.3	10S	35	46
1316	IPPSN2020-1316	DWAP2022	12	40S	3.2	10MS	2.5	10S	7.1	20S	35	68
1317	IPPSN2020-1317	DWAP2023	14	40S	1.6	10MS	1.3	5S	5.5	20S	24	36
1318	IPPSN2020-1318	DWAP2024	8.4	20S	4	10S	0.3	TS	25.6	60S	35	57
1319	IPPSN2020-1319	SANSR-8	15.2	40S	7.2	20MS	5	10S	30.1	60S	35	58
1320	IPPSN2020-1320	SANSR-9	3.6	10S	9.2	20S	5	20S	22.4	40S	35	67
<b>1320A</b>	<b>INFECTOR</b>		<b>88</b>	<b>100S</b>	<b>88</b>	<b>100S</b>	<b>62.5</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>68</b>	<b>79</b>
1321	IPPSN2020-1321	HD3414	20.2	60S	13.2	40S	16.3	60S*	11.6	40S	35	78
1322	IPPSN2020-1322	HD3415	19.2	40S	5.2	10S	0.5	5MR	12.3	20S	34	45
1323	IPPSN2020-1323	K1901	13.4	40MS	17.8	80S*	16.3	60S*	2.5	15S	34	46
1324	IPPSN2020-1324	K1905	12.4	40MS	16.8	80S*	0	0	18.1	40S	45	57
1325	IPPSN2020-1325	NW-8003	9.2	20S	17.6	80S*	5	20S	10.9	40S	46	68
1326	IPPSN2020-1326	NW-8005	8.3	20S	19.4	60S	11.3	40S	5.4	10S	35	68
1327	IPPSN2020-1327	WH1278	5.3	40MR	4.5	20MS	1.3	5S	7.1	20S	45	78
1328	IPPSN2020-1328	WH1283	7.2	20MS	0.1	TR	1.3	5S	3.4	20MS	46	57
1329	IPPSN2020-1329	BWL5179	10	20MS	1.7	10MS	4.5	10S	0.5	5MS	34	46
1330	IPPSN2020-1330	BWL6851	19	60S	8	20MS	3	5S	2.6	10MS	46	67
1331	IPPSN2020-1331	RAJ4564	24	40S	26	80S	14.5	40S	4.1	20S	46	68
1332	IPPSN2020-1332	RAJ4565	19	60S	6.5	20S	10.5	20S	6.8	20S	45	67
1333	IPPSN2020-1333	UASS300	24	80S	3.4	10MS	2	10MS	3.9	10S	35	57
1334	IPPSN2020-1334	UASS310	17	40S	4.1	20S	0	0	13.8	40S	24	46
1335	IPPSN2020-1335	KRL210 ©	34	80S	6.4	20S	13.5	40S	5.7	20MS	46	67
1336	IPPSN2020-1336	KRL19 ©	12.6	40S	28	60S	18.8	60S	39.9	80S	46	68
<b>Station Trial (C)</b>												
1337	IPPSN2020-1337	CST-1	16	60S	10	40S	13.3	4S	3	15S	45	57
1338	IPPSN2020-1338	CST-2	9.6	40MS	7.2	20S	0	0	12.6	40S	35	46
1339	IPPSN2020-1339	CST-3	9.4	40MS	10	40S	0.7	5MR	18.1	40S	35	46
1340	IPPSN2020-1340	CST-4	9.6	40MS	1.6	20MR	0	0	7	20MS	34	57
<b>1340A</b>	<b>INFECTOR</b>		<b>84</b>	<b>100S</b>	<b>76</b>	<b>100S</b>	<b>66.7</b>	<b>80S</b>	<b>67.5</b>	<b>80S</b>	<b>67</b>	<b>79</b>
1341	IPPSN2020-1341	CST-5	16	60S	2.2	10S	3.3	10S	7.5	20S	46	57
1342	IPPSN2020-1342	CST-6	16	40S	1.9	5S	0	0	5	20MS	35	46
1343	IPPSN2020-1343	CST-7	29	60S	10.8	40S	6.7	20S	8.7	40S	45	67
1344	IPPSN2020-1344	CST-8	32	60S	6.4	20S	1.3	5MS	2.4	10MS	45	67
1345	IPPSN2020-1345	CST-9	28	60S	11.2	40S	16.7	40S	24.9	60S	45	67
1346	IPPSN2020-1346	CST-10	22.8	60S	1.1	5S	0	0	8.1	20MS	35	46
1347	IPPSN2020-1347	CST-11	15	40S	0.8	10MR	0.3	TMS	13	40S	35	57
1348	IPPSN2020-1348	CST-12	7	20S	0.1	TMR	0.1	TMR	4.9	10S	35	46
1349	IPPSN2020-1349	CST-13	21	60S	0	TR	0.7	5MR	4.4	20S	35	57
1350	IPPSN2020-1350	CST-14	10	40MS	1.6	20MR	0	0	7	20MS	34	46



No.	Entry code	Entry	Stem rust		Leaf rust				Stripe rust		Foliar blight	
					South		North					
			ACI	HS	ACI	HS	ACI	HS	ACI	HS	Avg.	HS
1351	IPPSN2020-1351	CST-15	26	80S	7.2	20S	1.7	5S	4.5	20MS	35	46
1352	IPPSN2020-1352	CST-16	36	80S	8.9	20S	0.7	5MR	2.4	5S	35	46
1353	IPPSN2020-1353	CST-17	50	80S	7.6	20S	0	0	5.1	10S	34	46
1354	IPPSN2020-1354	CST-18	22	80S	10.8	20S	5	10S	4.5	10MS	35	57
1355	IPPSN2020-1355	CST-19	10	40MS	4.8	20S	0	0	5.5	20S	35	57
1356	IPPSN2020-1356	CST-20	1	5S	0.1	TR	1.7	5S	15.3	40S	35	36
1357	IPPSN2020-1357	CST-21	1.8	5S	2.8	10S	1.7	5S	19.9	40S	35	46
1358	IPPSN2020-1358	CST-22	11.2	40MS	5.9	20MS	0.1	TR	8.8	20S	35	46
1359	IPPSN2020-1359	CST-23	17	40S	5.7	20S	0	0	14.4	40S	35	57
1360	IPPSN2020-1360	CST-24	18	60S	1.7	5MS	0	0	14.6	40S	35	46
1360A	INFECTOR		80	100S	88	100S	66.7	80S	67.5	80S	68	79
1361	IPPSN2020-1361	CST-25	24.4	40S	5.6	20S	1.7	5S	4.9	20S	35	46
ARS, PDKV, Washim												
1362	IPPSN2020-1362	WSM 138	6	20MS	1.7	20MR	0.1	TR	21.9	60S	46	57

**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.