

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1. Dr. A. A. Patel, SDAU, Vijapur, Gujarat								
1	VA 2014-07	0	0	TS	0	0	TS	0.2
2	VA 2014-08	0	0	10S	0	0	10S	2.0
3	VA 2014-10	0	0	30S	40S	0	40S	14.0
4	VA 2014-13	0	0	TS	0	0	TS	0.2
5	VA 2014-17	0	0	TS	0	0	TS	0.2
6	VA 2014-18	0	0	TS	0	0	TS	0.2
7	VA 2014-20	0	0	TS	0	0	TS	0.2
8	VA 2014-24	0	0	0	0	0	0	0.0
9	VA 2014-25	0	0	0	0	0	0	0.0
10	VA 2014-26	0	0	0	40S	0	40S*	8.0
11	VA 2014-27	0	0	5S	0	0	5S	1.0
12	VA 2014-28	0	0	TS	0	0	TS	0.2
13	VA 2014-29	0	0	5S	TMR	0	5S	1.1
14	VA 2014-31	0	0	TS	0	0	TS	0.2
15	VA 2014-34	0	0	5S	0	0	5S	1.0
16	VA 2014-36	0	0	5S	0	0	5S	1.0
17	VA 2014-38	0	0	TS	0	0	TS	0.2
18	VA 2014-45	0	0	5S	0	0	5S	1.0
19	VA 2014-46	0	0	TS	0	0	TS	0.2
20	VA 2014-47	0	0	TS	0	0	TS	0.2
20. A	INFECTOR	60S	90S	80S	60S	40S	90S	66.0
21	VA 2014-48	0	0	TS	0	0	TS	0.2
22	VA 2014-49	0	0	TS	0	0	TS	0.2
23	VA 2015-01	0	0	5S	0	0	5S	1.0
24	VA 2015-02	0	0	5S	0	0	5S	1.0
25	VA 2015-03	0	0	5S	0	0	5S	1.0
26	VA 2015-04	0	0	TS	0	0	TS	0.2
27	VA 2015-05	0	0	0	0	0	0	0.0
28	VA 2015-06	0	0	0	0	0	0	0.0
29	VA 2015-07	0	0	0	0	0	0	0.0
30	VD 2014-09	0	0	0	0	0	0	0.0
31	VD 2014-14	0	0	0	0	0	0	0.0
32	VD 2014-15	10MR	0	0	0	0	10MR	0.8
33	VD 2014-18	0	0	0	5MR	0	5MR	0.4
34	VD 2014-23	0	0	0	0	0	0	0.0
35	VD 2014-24	0	0	0	10MR	0	10MR	0.8
36	VD 2014-25	20MR	0	0	TMR	0	20MR	1.7
37	VD 2014-26	20MR	0	0	5MS	0	20MR	2.4
38	VD 2014-28	20MR	0	0	10MS	0	10MS	3.2
39	VD 2014-29	20MR	0	TS	-	0	20MR	2.3
40	VD 2015-01	20MR	0	0	TMR	0	20MR	1.7
40. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
41	VD 2015-02	0	0	0	5MR	0	5MR	0.4
42	VD 2015-03	0	0	TS	5MR	0	5MR	0.6
43	VD 2015-04	0	0	0	TMS	0	TMS	0.2
44	VD 2015-05	0	0	0	0	0	0	0.0
45	DR-14-06	0	0	0	0	0	0	0.0
46	DR-14-08	0	0	0	10S	0	10S	2.0
47	DR-14-11	0	0	0	10S	0	10S	2.0
48	DR-15-01	0	0	0	0	0	0	0.0
49	DR-15-02	0	0	0	-	0	0	0.0
50	DR-15-03	0	0	0	0	0	0	0.0
51	DR-15-04	0	0	0	0	0	0	0.0
52	AR-12-21	0	0	0	0	0	0	0.0
53	AR-13-23	0	0	0	0	0	0	0.0

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
54	VR-14-04	0	0	0	0	0	0	0.0
55	VR-14-05	40S	0	0	10S	0	40S	10.0
56	VR-14-06	0	0	0	10S	0	10S	2.0
57	AR-12-11	0	0	0	10S	0	10S	2.0
58	J 14-10	0	0	0	0	0	0	0.0
59	J 14-11	10MR	0	0	5MS	0	5MS	1.6
60	J 14-20	0	0	0	5S	0	5S	1.0
60. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
61	J 14-29	0	0	10S	0	0	10S	2.0
62	J 14-32	0	0	0	0	0	0	0.0
63	J 14-43	0	0	0	0	0	0	0.0
64	J 14-12	0	0	0	0	0	0	0.0
65	J 14-25	0	0	0	0	0	0	0.0
66	J 14-15	0	0	0	0	0	0	0.0
67	J 14-27	40S	0	0	0	0	40S*	8.0
68	J 14-24	0	0	0	0	0	0	0.0
69	J 14-38	0	0	10S	0	0	10S	2.0
70	J 14-26	0	0	TS	0	0	TS	0.2
71	J 14-36	0	0	TS	0	0	TS	0.2
72	J 14-21	0	0	0	TMR	0	TMR	0.1
73	J 14-39	0	0	0	0	0	0	0.0
74	JD 2014-27	10MR	5MR	0	0	0	10MR	1.2
75	JD 2014-08	10MR	10MR	0	5MR	0	10MR	2.0
76	JD 2014-04	10MR	5MR	0	TMR	0	10MR	1.3
77	JD 2014-13	10MR	0	0	TMR	0	10MR	0.9
78	JD 2014-02	10MR	0	0	0	0	10MR	0.8
79	DR-15-05	10MR	0	0	0	0	10MR	0.8
80	DR-15-06	10MR	0	0	0	0	10MR	0.8
80. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
2. Dr. Lakshmi Kant, VPKAS, Almora, Uttarakhand								
81	VW 1501	0	0	0	0	0	0	0.0
82	VW 1502	60S	TR	0	60S	0	60S	24.0
83	VW 1503	20S	60S	0	20S	0	60S	20.0
84	VW 1504	60S	40S	0	20S	0	60S	24.0
85	VW 1505	40S	20S	0	15S	5S	40S	16.0
86	VW 1506	10S	30S	0	0	0	30S	8.0
87	VW 1507	0	TR	0	TMR	0	TMR	0.1
88	VW 1508	0	5MR	0	0	0	5MR	0.4
89	VW 1509	0	TR	0	0	0	TR	0.0
90	VW 1510	20S	60S	0	10S	40S	60S	26.0
91	VW 1511	20S	5MR	0	0	0	20S	4.4
92	VW 1512	0	TR	0	0	0	TR	0.0
93	VW 1513	60S	30S	0	10S	0	60S	20.0
94	VW 1514	0	0	0	5MR	0	5MR	0.4
95	VW 1515	0	0	0	5MS	0	5MS	0.8
96	VW 1516	0	0	0	0	0	0	0.0
97	VW 1517	40S	0	0	15S	0	40S	11.0
98	VW 1518	0	0	0	0	0	0	0.0
99	VW 1519	10MR	0	0	0	0	10MR	0.8
100	VW 1520	40S	0	0	10S	0	40S	10.0
100. A	INFECTOR	60S	90S	60S	60S	40S	90S	62.0
101	VW 1521	0	0	0	0	0	0	0.0
102	VW 1522	0	40S	0	0	0	40S*	8.0
103	VW 1523	0	30S	0	TMS	0	30S	6.2

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
104	VW 1524	10S	10MR	0	TMR	0	10S	2.9
105	VW 1525	0	5MR	0	0	0	5MR	0.4
106	VW 1526	40S	20S	0	10S	0	40S	14.0
107	VW 1527	20S	5MR	0	TMS	5S	20S	5.6
108	VW 1528	0	0	0	0	0	0	0.0
109	VW 1529	0	0	0	TMS	5S	5S	1.2
110	VW 1530	0	0	0	0	0	0	0.0
111	VW 1531	0	0	0	5S	10S	10S	3.0
112	VW 1532	0	0	0	TMR	5S	5S	1.1
113	VW 1533	0	0	0	5MR	0	5MR	0.4
114	VW 1534	0	0	0	0	0	0	0.0
115	VW 1535	0	0	0	0	0	0	0.0
116	VW 1536	0	0	0	TMS	0	TMS	0.2
117	VW 1537	20S	0	0	5S	10S	20S	7.0
118	VW 1538	40S	80S	0	20S	0	80S	28.0
119	VW 1539	0	5MR	0	0	5S	5S	1.4
120	VW 1540	10MS	20S	0	0	0	20S	5.6
120. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
121	VW 1541	0	60S	0	5MS	5S	60S	13.8
122	VW 1542	40S	5MR	0	TMS	0	40S	8.6
123	VW 1543	0	0	0	0	0	0	0.0
124	VW 1544	0	10S	0	0	0	10S	2.0
125	VW 1545	60S	80S	0	5S	0	80S	29.0
126	VW 1546	40S	60S	0	40S	0	60S	28.0
127	VW 1547	20S	60S	0	20S	0	60S	20.0
128	VW 1548	20S	80S	0	40S	5S	80S	29.0
129	VW 1549	20S	40S	0	20S	0	40S	16.0
130	VW 1550	40S	0	0	30S	0	40S	14.0
131	VW 1551	20S	60S	0	TMR	0	60S	16.1
132	VW 1552	10S	0	0	0	0	10S	2.0
133	VW 1553	0	0	0	0	0	0	0.0
134	VW 1554	0	0	0	0	0	0	0.0
135	VW 1555	20S	0	0	0	0	20S	4.0
136	VW 1556	0	5MR	0	20S	5S	20S	5.4
137	VW 1557	10MR	0	0	0	0	10MR	0.8
138	VW 1558	10MR	10MR	0	5MR	0	10MR	2.0
139	VW 1559	10MR	0	0	0	0	10MR	0.8
140	VW 1560	0	0	0	0	0	0	0.0
140. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
141	VW 1561	0	40S	0	0	0	40S*	8.0
142	VW 1562	0	0	0	0	0	0	0.0
143	VW 1563	0	0	0	0	0	0	0.0
144	VW 1564	0	0	0	0	0	0	0.0
145	VW 1565	0	0	0	0	0	0	0.0
146	VW 1566	20S	0	0	30S	40S	40S	18.0
147	VW 1567	0	0	0	TMR	40S	40S	8.1
3. Dr. S. C. Misra, Agharkar Research Institute, Pune								
148	MACS 4056	20MR	0	0	TMS	5S	20MR	2.8
149	MACS 4057	0	0	0	10MS	0	10MS	1.6
150	MACS 4058	10MR	0	0	5MR	0	10MR	1.2
151	MACS 4059	0	0	0	10MS	0	10MS	1.6
152	MACS 4060	0	0	0	TR	0	TR	0.0
153	MACS 4061	0	0	0	TMR	0	TMR	0.1
154	MACS 4062	10MR	0	0	10S	0	10S	2.8

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
155	MACS 4063	10MR	0	0	15S	0	15S	3.8
156	MACS 4064	0	0	0	TMR	0	TMR	0.1
157	MACS 4065	20MR	0	0	0	0	20MR	1.6
158	MACS 4066	40MR	0	20MS	5MR	0	20MS	6.8
159	MACS 4067	20MR	0	20S	5MR	0	20S	6.0
160	MACS 4068	10MR	0	0	20S	0	20S	4.8
160. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
161	MACS 4069	40MR	0	0	10MR	0	40MR	4.0
162	MACS 4070	20MR	0	0	0	0	20MR	1.6
163	MACS 4071	20MR	0	0	0	20S	20S	5.6
164	MACS 6695	20S	30S	0	10S	0	30S	12.0
165	MACS 6696	10MR	60S	0	10S	10S	60S	16.8
166	MACS 6697	0	0	TS	10S	0	10S	2.2
167	MACS 6698	0	0	40S	0	0	40S*	8.0
168	MACS 6699	0	0	20S	60S	0	60S	16.0
169	MACS 6700	0	0	TS	0	0	TS	0.2
170	MACS 6701	0	0	0	0	0	0	0.0
171	MACS 6702	0	0	0	TMR	0	TMR	0.1
172	MACS 6703	0	0	0	0	0	0	0.0
173	MACS 6704	0	0	TS	0	0	TS	0.2
174	MACS 6705	0	0	0	0	0	0	0.0
175	MACS 6706	0	0	0	0	0	0	0.0
176	MACS 6707	0	0	TS	0	0	TS	0.2
177	MACS 6708	0	20S	0	0	10S	20S	6.0
178	MACS 6709	0	40S	10S	0	0	40S	10.0
179	MACS 6710	0	10S	0	0	0	10S	2.0
180	MACS 6711	0	60S	0	5MR	0	60S	12.4
180. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
181	MACS 6712	0	0	40S	80S	0	80S	24.0
182	MACS 6713	0	0	10S	0	0	10S	2.0
183	MACS 6714	0	0	0	80S	0	80S	16.0
184	MACS 6715	0	0	TS	0	0	TS	0.2
185	MACS 5047	0	0	10S	0	0	10S	2.0
186	MACS 5048	0	0	10S	0	0	10S	2.0
187	MACS 5049	20S	0	0	30MS	0	30MS	8.8
4. Dr. Vijay Rana, CSK HPKV, Rice & Wheat Research Centre, Malan (H.P.)								
188	PW 1060	20S	0	0	60S	0	60S	16.0
189	PW 1061	10S	0	0	15MR	5S	10S	4.2
190	PW 1062	10MS	0	0	0	0	10MS	1.6
191	PW 1063	0	0	0	5MR	0	5MR	0.4
192	PW 1064	20S	0	0	10MS	40S	40S	13.6
193	PW 1065	20S	60S	0	TMR	10S	60S	18.1
194	PW 1066	0	40S	TS	5MS	10S	40S	11.0
195	PW 1067	0	5MR	0	0	5S	5S	1.4
196	PW 1068	40S	20MR	0	0	0	40S	9.6
197	PW 1069	40S	TR	0	15S	0	40S	11.0
198	PW 1070	10MR	5MR	0	0	0	10MR	1.2
199	PW 1071	0	30S	0	TMR	0	30S	6.1
200	PW 1072	40S	40S	0	TMS	0	40S	16.2
200. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
201	PW 1073	0	0	0	0	40S	40S*	8.0
202	PW 1074	40S	20S	0	5MS	40S	40S	20.8
203	PW 1075	0	10MR	0	0	0	10MR	0.8

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
204	PW 1076	0	0	0	0	0	0	0.0
205	DW 212	40S	5MR	10S	10MS	0	40S	12.0
206	DW 213	40S	0	10S	30S	10S	40S	18.0
207	DW 214	0	0	0	0	0	0	0.0
208	DW 215	0	0	0	0	0	0	0.0
209	DW 216	0	0	0	TMR	0	TMR	0.1
210	DW 217	0	0	0	0	10S	10S	2.0
211	DW 218	0	0	0	0	0	0	0.0
212	DW 219	0	0	0	0	0	0	0.0
213	BW 235	0	0	0	0	0	0	0.0
214	BW 236	0	0	0	0	5S	5S	1.0
215	BW 237	0	0	0	0	0	0	0.0
216	BW 238	40S	0	0	5MS	20S	40S	12.8
217	BW 239	0	10S	0	0	0	10S	2.0
218	BW 240	10MR	20S	0	0	10S	20S	6.8
219	BW 241	0	30S	0	0	10S	30S	8.0
220	BW 242	40S	5MR	0	5MS	10S	40S	11.2
220. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
221	BW 243	10MR	0	20S	5MR	10S	20S	7.2
222	BW 244	10MR	20S	TS	TMS	10S	20S	7.2
5. Dr. R. K. Yadav, CSAUA&T, Kanpur (U.P.)								
223	KA 1501	0	0	0	0	0	0	0.0
224	KA 1502	20MR	10S	0	10MS	10S	10S	7.2
225	KA 1503	0	30S	0	0	0	30S	6.0
226	KA 1504	40MS	20S	0	10MS	0	40MS	12.0
227	KA 1505	0	0	0	TMR	10S	10S	2.1
228	KA 1506	0	0	0	5MS	10S	10S	2.8
229	KA 1507	10MR	0	0	TMR	0	10MR	0.9
230	KA 1508	20MR	0	0	10MS	0	10MS	3.2
231	KA 1509	0	20MS	0	0	20S	20S	7.2
232	KA 1510	40MR	10MS	0	0	0	40MR	4.8
233	KA 1511	0	0	0	0	5S	5S	1.0
234	KA 1512	0	0	0	0	0	0	0.0
235	KA 1513	0	0	0	5S	0	5S	1.0
236	KA 1514	40S	0	0	5MS	0	40S*	8.8
237	KA 1515	40S	0	10S	0	20S	40S	14.0
238	KA 1516	0	40S	TS	5MR	0	40S	8.6
239	KA 1517	0	10MR	0	5MR	20S	20S	5.2
240	KA 1518	10S	80S	0	0	20S	80S	22.0
240. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
241	KA 1519	0	0	10S	0	0	10S	2.0
242	KA 1520	10S	0	20S	0	0	20S	6.0
243	KA 1521	0	0	20S	0	0	20S	4.0
244	KA 1522	60S	0	0	20MS	0	60S	15.2
245	KA 1523	40S	0	0	TMR	10S	40S	10.1
246	KA 1524	10S	5S	0	10MS	0	10S	4.6
247	KA 1525	20MR	0	0	10MS	0	10MS	3.2
248	KA 1526	0	20S	0	TMS	5S	20S	5.2
249	KA 1527	10MR	0	0	0	5S	5S	1.8
250	KA 1528	0	0	0	0	0	0	0.0
251	KA 1529	0	0	TS	5S	0	5S	1.2
252	KA 1530	40S	0	0	TMS	5S	40S	9.2
253	KA 1531	10MR	0	0	5MS	0	5MS	1.6
254	KA 1532	10MR	80S	0	5S	10S	80S	19.8
255	KA 1533	0	0	0	0	0	0	0.0

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256	KA 1534	20MR	0	20S	15S	0	20S	8.6
257	KA 1535	0	20S	0	0	10S	20S	6.0
258	KA 1536	0	0	0	0	0	0	0.0
259	KA 1537	20S	0	0	10S	40S	40S	14.0
260	KA 1538	40S	0	TS	5MS	5S	40S	10.0
260. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
261	KA 1539	40S	5MR	0	10MS	0	40S	10.0
262	KA 1540	60S	-	0	10MS	5S	60S	18.3
263	KA 1541	0	0	0	TMS	10S	10S	2.2
264	KA 1542	10MR	10MS	0	TMR	0	10MS	2.5
265	KA 1543	0	0	0	0	0	0	0.0
266	KA 1544	10MR	20MR	0	10MS	0	10MS	4.0
267	KA 1545	20MR	0	0	10S	0	10S	3.6
268	KA 1546	40MR	0	0	15S	0	40MR	6.2
269	KA 1547	10S	0	0	0	0	10S	2.0
270	KA 1548	20S	0	0	20MS	0	20S	7.2
271	KA 1549	10MR	0	0	TMR	10S	10S	2.9
272	KA 1550	5MR	0	0	0	0	5MR	0.4
273	KA 1551	0	0	0	0	5S	5S	1.0
274	KA 1552	0	0	0	5MR	10S	10S	2.4
275	KA 1553	0	0	0	0	0	0	0.0
276	KA 1554	10MR	0	0	TMS	0	10MR	1.0
277	KA 1555	20S	0	0	5S	0	20S	5.0
278	KA 1556	10S	0	0	5MR	0	10S	2.4
279	KA 1557	0	0	0	0	0	0	0.0
280	KA 1558	0	0	0	15MR	0	15MR	1.2
280. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
281	KA 1559	60S	30S	TS	5MR	0	60S	18.6
282	KA 1560	10MR	10MR	10S	5MR	0	10S	4.0
283	KA 1561	20S	0	0	TMR	0	20S	4.1
284	KA 1562	10MR	5MR	0	5MS	0	5MS	2.0
285	KA 1563	0	0	10S	0	0	10S	2.0
286	KA 1564	0	0	0	0	0	0	0.0
287	KA 1565	10S	60S	0	TMR	0	60S	14.1
288	KA 1566	20MR	0	20S	TMR	0	20S	5.7
289	KA 1567	0	0	0	0	0	0	0.0
290	KA 1568	10S	0	10S	5MR	10S	10S	6.4
291	KA 1569	0	0	0	5MR	0	5MR	0.4
292	KA 1570	10S	0	0	TMR	5S	10S	3.1
293	KA 1571	0	0	0	0	0	0	0.0
294	KA 1572	10S	0	0	0	0	10S	2.0
295	KA 1573	10MR	0	0	0	0	10MR	0.8
296	KA 1574	10MR	0	0	TMR	0	10MR	0.9
297	KA 1575	0	40S	0	5S	10S	40S	11.0
298	KA 1576	40S	5MR	TS	0	20S	40S	12.6
299	KA 1577	10S	10MR	TS	15S	0	15S	6.0
300	KA 1578	0	5MR	TS	TMS	0	5MR	0.8
300. A	INFECTOR	60S	90S	80S	60S	40S	90S	66.0
301	KA 1579	60S	0	TS	20S	0	60S	16.2
302	KA 1580	10S	0	TS	0	10S	10S	4.2
303	KA 1581	0	0	TS	0	5S	5S	1.2
304	KA 1582	10MS	0	TS	5MS	5S	10MS	3.6
305	KA 1583	20MR	0	0	10S	0	10S	3.6

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
306	KA 1584	0	0	0	0	0	0	0.0
307	KA 1585	10S	10S	0	0	20S	20S	8.0
308	KA 1586	0	0	0	0	0	0	0.0
309	KA 1587	80S	0	0	5MR	10S	80S	18.4
310	KA 1588	40S	0	0	0	5S	40S*	9.0
311	KA 1589	20S	0	0	0	0	20S	4.0
312	KA 1590	0	60S	0	0	5S	60S*	13.0
313	KA 1591	60S	40S	0	10MS	10S	60S	23.6
314	KA 1592	0	30S	0	0	0	30S	6.0
315	KA 1593	0	10S	0	0	0	10S	2.0
316	KA 1594	0	5MS	0	0	0	5MS	0.8
317	KA 1595	0	0	TS	0	10S	10S	2.2
318	KA 1596	0	0	0	TMR	0	TMR	0.1
319	KA 1597	0	0	0	0	0	0	0.0
320	KA 1598	0	0	0	0	10S	10S	2.0
320. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
321	KA 1599	0	5MR	0	TMR	0	5MR	0.5
322	KA 1600	10MR	10MR	0	5MR	0	10MR	2.0
6. Dr. S.C. Bhardwaj, Flowerdale Shimla (H.P.)								
323	FLW 31	0	0	TS	0	0	TS	0.2
324	FLW 32	10MR	60S	10S	0	0	60S	14.8
325	FLW 33	0	40S	TS	60S	0	60S	20.2
7. Prof. H.S. Balyan, CCSU, Meerut (U.P.)								
326	CCSU 1	0	TR	0	0	0	TR	0.0
327	CCSU 2	0	0	0	0	0	0	0.0
328	CCSU 3	0	0	0	0	0	0	0.0
329	CCSU 4	0	0	0	0	0	0	0.0
330	CCSU 5	0	0	0	0	0	0	0.0
331	CCSU 6	0	0	0	20S	10S	20S	6.0
8. Dr. V. K. Singh, IARI, New Delhi								
332	PS - 1155	0	0	TS	0	0	TS	0.2
333	PS - 1156	20S	10MR	TS	40S	5S	40S	14.0
334	PS - 1157	0	40S	TS	15S	0	40S	11.2
335	PS - 1158	40S	60S	0	5S	20S	60S	25.0
336	PS - 1159	0	5MR	0	0	0	5MR	0.4
337	IND - 420	0	10S	0	0	0	10S	2.0
338	IND - 421	0	10S	0	0	0	10S	2.0
339	WBM - 3579	10MR	5MR	0	0	5S	5S	2.2
340	DW - 1584	0	0	0	0	0	0	0.0
340. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
341	DW - 1585	0	0	0	0	0	0	0.0
342	DW - 1586	0	60S	0	5MS	10S	60S	14.8
343	DW - 1587	0	10MR	80S	0	5S	80S	17.8
344	DW - 1588	0	10MS	0	5S	10S	10S	4.6
345	DW - 1589	0	10MR	0	0	0	10MR	0.8
346	SBP 15 - 01	0	20MR	TS	0	0	20MR	1.8
347	SBP 15 - 02	80S	10S	0	40S	40S	80S	34.0
348	SBP 15 - 03	0	0	0	0	0	0	0.0
349	SBP 15 - 04	60S	10S	10S	80S	10S	80S	34.0
350	SBP 15 - 05	0	0	0	TMS	5S	5S	1.2
351	SBP 15 - 06	0	0	0	0	0	0	0.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
352	CSW - 104	0	0	20S	0	0	20S	4.0
353	CSW - 108	0	0	0	0	0	0	0.0
354	CSW - 109	40MS	10MR	0	0	0	40MS	7.2
355	CSW - 110	0	0	0	0	0	0	0.0
356	CSW - 111	0	0	30S	0	0	30S	6.0
357	CSW - 112	0	0	0	TMS	0	TMS	0.2
358	CSW - 113	0	0	0	0	0	0	0.0
359	QBP 15 - 1	40S	0	0	5MS	0	40S	8.8
360	DL 2374	0	0	0	0	0	0	0.0
360. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
361	DL 2376	0	0	0	0	0	0	0.0
362	DL 2382	0	5MR	0	0	0	5MR	0.4
363	DL 2384	0	0	0	0	0	0	0.0
364	DL 2440	0	0	0	0	0	0	0.0
365	DL 2488	0	0	0	TMR	0	TMR	0.1
366	PS - 1160	20MR	0	0	10MR	0	20MR	2.4
367	PS - 1161	0	0	0	0	0	0	0.0
368	PS - 1162	0	0	0	10S	0	10S	2.0
369	PS - 1163	10MS	10S	0	TMR	0	10S	3.7
370	PS - 1164	0	5S	0	TMS	0	5S	1.2
371	PS - 1165	20S	80S	0	10S	0	80S	22.0
372	PS - 1166	60S	0	0	10S	TR	60S	14.0
373	PS - 1167	10MS	20S	0	0	0	20S	5.6
374	IND - 422	0	0	TS	0	0	TS	0.2
375	IND - 423	0	0	TS	0	0	TS	0.2
376	IND - 424	0	0	0	0	0	0	0.0
377	HW- 5257	0	5MR	0	0	0	5MR	0.4
378	DW- 1590	10MS	0	0	0	0	10MS	1.6
379	DW- 1591	0	0	0	0	0	0	0.0
380	DW- 1592	10S	0	0	TMS	5S	10S	3.2
380. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
381	WR - 3039	0	0	TS	0	0	TS	0.2
382	DW- 1593	0	0	10S	TMS	0	10S	2.2
383	DW- 1594	10MR	0	0	0	0	10MR	0.8
384	DW- 1595	20MR	0	0	0	0	20MR	1.6
385	SBP 15-07	TR	0	0	0	0	TR	0.0
386	SBP 15-08	0	0	0	0	0	0	0.0
387	SBP 15-09	10MR	0	0	0	0	10MR	0.8
388	SBP 15-10	0	0	0	5MS	10S	10S	2.8
389	CSW - 105	0	0	0	0	0	0	0.0
390	CSW - 114	40S	5MR	0	0	5S	40S	9.4
391	CSW - 115	0	0	0	-	10S	10S	2.5
392	CSW - 116	0	80S	0	0	0	80S	16.0
393	CSW - 117	0	10MR	0	0	0	10MR	0.8
394	CSW - 118	0	5MR	0	5S	10S	10S	3.4
395	QBP 15 - 2	0	0	0	0	5S	5S	1.0
396	QBP 15 - 3	0	0	0	0	5S	5S	1.0
397	DL 2362	0	0	0	0	0	0	0.0
398	DL 2363	0	0	0	0	0	0	0.0
399	DL 2439	0	0	10S	0	0	10S	2.0
400	DL 2498	0	0	10S	0	0	10S	2.0
400. A	INFECTOR	80S	90S	60S	80S	40S	90S	70.0
401	PS - 1180	10MR	0	0	0	0	10MR	0.8
402	PS - 1181	60S	0	10S	5S	5S	60S	16.0



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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
403	PS - 1182	0	80S	20S	0	0	80S	20.0
404	IND - 425	0	0	0	0	0	0	0.0
405	IND - 426	0	0	0	0	0	0	0.0
406	IND - 427	0	0	0	0	10S	10S	2.0
407	IND - 428	40MR	0	0	10MR	5S	40MR	5.0
408	IND - 429	10MR	0	0	0	0	10MR	0.8
409	IND - 430	0	0	0	0	0	0	0.0
410	IND - 431	0	0	0	0	0	0	0.0
411	IND - 432	10MR	0	0	0	0	10MR	0.8
412	IND - 433	0	0	0	5MR	0	5MR	0.4
413	DW 1596	0	0	TS	0	5S	5S	1.2
414	DW 1597	0	0	0	0	0	0	0.0
415	SBP 15-11	0	0	0	0	0	0	0.0
416	SBP 15-12	0	0	TS	TR	0	TS	0.2
417	SBP 15-13	10MS	0	0	0	10S	10S	3.6
418	SBP 15-14	0	0	TS	0	0	TS	0.2
419	CSW 93	0	0	0	0	0	0	0.0
420	CSW 95	0	0	0	0	0	0	0.0
420. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
421	DL 2361	0	0	0	0	0	0	0.0
422	DL 2367	0	0	0	0	0	0	0.0
423	PS - 1172	10S	60S	0	10MS	0	60S	15.6
424	PS - 1173	20S	10MR	0	15S	5S	20S	8.8
425	PS - 1174	10MR	0	10S	5MR	0	10S	3.2
426	PS - 1175	0	0	0	0	0	0	0.0
427	IND - 442	0	0	0	0	0	0	0.0
428	IND - 443	0	0	0	0	0	0	0.0
429	DW 1598	0	0	0	0	0	0	0.0
430	DW 1599	40S	60S	0	5MR	0	60S	20.4
431	WR 3041	0	20S	10S	0	0	20S	6.0
432	DW 1600	10MR	19MR	0	TMR	10S	10S	4.4
433	DW 1601	20S	5MR	0	TMR	0	20S	4.5
434	DW 1602	0	20S	0	0	10S	20S	6.0
435	DW 1603	0	0	0	0	0	0	0.0
436	DW 1604	0	0	TS	0	0	TS	0.2
437	DW 1605	0	0	0	0	0	0	0.0
438	SBP 15-15	0	0	0	0	0	0	0.0
439	SBP 15-16	0	0	0	0	0	0	0.0
440	SBP 15-17	0	0	0	0	0	0	0.0
440. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
441	SBP 15-18	0	10MR	0	TR	0	10MR	0.8
442	SBP 15-19	0	0	0	0	0	0	0.0
443	SBP 15-20	0	30S	0	TMR	5S	30S	7.1
444	SBP 15-21	20S	10S	0	5MS	20S	20S	10.8
445	SBP 15-22	80S	30S	80S	60S	60S	80S	62.0
446	SBP 15-23	20S	30S	0	0	10S	30S	12.0
447	SBP 15-24	0	5MS	0	0	0	5MS	0.8
448	SBP 15-25	0	0	0	TMR	5S	5S	1.1
449	SBP 15-26	10MR	20S	0	60S	5S	60S	17.8
450	CSW 119	10MR	TS	10S	0	0	10S	3.0
451	CSW 120	TS	10MS	0	0	0	10MS	1.8
452	CSW 121	0	TR	0	0	0	TR	0.0
453	CSW 122	10S	20S	0	TMR	0	20S	6.1

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
454	DL 2432	0	0	0	0	0	0	0.0
455	DL 2438	0	0	TS	0	0	TS	0.2
456	DL 2469	0	0	0	0	0	0	0.0
457	DL 2472	0	0	0	0	0	0	0.0
458	PS-1176	60S	0	10S	5MR	10S	60S	16.4
459	PS-1177	10S	0	0	0	10S	10S	4.0
460	PS-1178	10MS	0	0	0	0	10MS	1.6
460. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
461	PS-1179	20S	60S	0	TMR	10S	60S	18.1
462	IND - 434	0	0	10S	0	0	10S	2.0
463	IND - 435	0	0	0	0	0	0	0.0
464	IND - 436	40S	0	TS	5MS	0	40S*	9.0
465	IND - 437	0	0	0	0	0	0	0.0
466	IND - 438	0	0	TS	0	0	TS	0.2
467	IND - 439	0	0	0	0	0	0	0.0
468	IND - 440	0	0	0	0	0	0	0.0
469	IND - 441	0	0	0	0	0	0	0.0
470	ID - 1545	10MR	0	0	0	0	10MR	0.8
471	ID - 1546	0	0	0	5MR	0	5MR	0.4
472	ID - 1547	10MR	0	0	5MR	0	10MR	1.2
473	ID - 1548	20MR	5MR	0	15MS	0	15MS	4.4
474	HW 5503	0	0	0	0	0	0	0.0
475	HW 5264	0	0	0	0	0	0	0.0
476	DW 1606	10MS	10S	0	0	0	10S	3.6
477	DW 1607	0	0	0	0	0	0	0.0
478	DW 1608	0	5MR	10S	0	0	10S	2.4
479	DW 1609	0	10MR	0	0	0	10MR	0.8
480	SBP 15-27	0	0	0	0	0	0	0.0
480. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
481	WR 3043	0	0	TS	0	0	TS	0.2
482	SBP 15-28	0	0	0	TMR	0	TMR	0.1
483	SBP 15-29	10MR	0	0	0	0	10MR	0.8
484	SBP 15-30	0	20S	0	5S	0	20S	5.0
485	SBP 15-31	0	0	0	0	0	0	0.0
486	QBP 15-4	0	40S	0	0	0	40S*	8.0
487	QBP 15-5	0	5MR	0	0	10S	10S	2.4
488	QBP 15-6	0	0	0	0	5S	5S	1.0
489	CSW 107	0	TR	0	0	10S	10S	2.0
490	CSW 123	0	0	0	0	0	0	0.0
491	DL 2383	0	0	0	0	0	0	0.0
492	DL 2436	0	0	0	0	0	0	0.0
493	ID 1501	10MR	0	0	TMS	0	10MR	1.0
494	ID 1502	10MR	0	0	0	0	10MR	0.8
495	ID 1503	20MR	0	0	10MR	0	20MR	2.4
496	ID 1504	10MR	0	0	TMR	0	10MR	0.9
497	ID 1505	20MR	0	0	0	0	20MR	1.6
498	ID 1506	20MR	0	0	5MR	0	20MR	2.0
499	ID 1507	20MR	0	0	15S	0	15S	4.6
500	ID 1508	20MR	0	0	TMR	TS	20MR	1.9
500. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
501	ID 1509	20MR	0	0	5MS	0	20MR	2.4
502	ID 1510	20MR	0	0	5MR	0	20MR	2.0
503	ID 1511	20MR	0	0	5MR	0	20MR	2.0
504	ID 1512	0	0	0	0	0	0	0.0
505	ID 1513	10MR	0	0	TMR	0	10MR	0.9

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
506	ID 1514	10MR	0	0	TMR	0	10MR	0.9
507	ID 1515	10MR	0	20S	TMR	0	20S	4.9
508	ID 1516	10MR	0	0	5MR	0	10MR	1.2
509	ID 1517	10MR	0	10S	5MR	0	10S	3.2
510	ID 1518	10MR	0	0	TMR	0	10MR	0.9
511	ID 1519	10MR	0	30S	TMR	0	30S	6.9
512	ID 1520	10MR	0	0	5MR	0	10MR	1.2
513	ID 1521	10MR	0	0	0	0	10MR	0.8
514	ID 1522	10MR	0	0	5MR	0	10MR	1.2
515	PS - 1168	0	0	TS	0	0	TS	0.2
516	PS - 1169	0	0	0	0	0	0	0.0
517	PS - 1170	0	10S	0	0	5S	10S	3.0
518	PS - 1171	0	0	0	TMS	0	TMS	0.2
519	IND - 446	0	0	0	0	0	0	0.0
520	IND - 447	0	0	0	0	0	0	0.0
520. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
521	IND - 448	0	0	0	0	0	0	0.0
522	IND - 449	0	0	0	0	0	0	0.0
523	IND - 450	0	0	0	TMR	0	TMR	0.1
524	IND - 451	0	0	TS	0	0	TS	0.2
525	IND - 452	0	0	TS	0	0	TS	0.2
526	IND - 453	0	0	TS	5MR	0	5MR	0.6
527	WBM 3578	0	0	0	0	5S	5S	1.0
528	WBM 3627	10MR	0	0	5MR	0	10MR	1.2
529	HW 3601-1	10S	0	0	TS	0	10S	2.2
530	DW 1614	0	0	0	0	0	0	0.0
531	WR 3040	0	0	0	0	0	0	0.0
532	SBP 15-32	0	0	0	0	10S	10S	2.0
533	SBP 15-33	10MS	0	0	TMR	0	10MS	1.7
534	SBP 15-34	0	0	0	5MR	5S	5S	1.4
535	SBP 15-35	0	0	0	0	0	0	0.0
536	SBP 15-36	0	0	0	TMR	0	TMR	0.1
537	SBP 15-37	0	0	0	0	0	0	0.0
538	SBP 15-38	0	0	0	0	0	0	0.0
539	SBP 15-39	0	0	0	0	0	0	0.0
540	SBP 15-40	0	0	0	0	0	0	0.0
540. A	INFECTOR	60S	90S	80S	60S	40S	90S	66.0
541	SBP 15-41	10MR	30S	0	TMS	0	30S	7.0
542	CSW 124	0	5MS	TS	0	0	5MS	1.0
543	CSW 125	0	0	0	0	0	0	0.0
544	CSW 126	0	0	0	0	0	0	0.0
545	QBP 15-7	10MS	0	10S	5MR	10S	10S	6.0
546	DL 2327	0	0	0	0	0	0	0.0
547	DL 2340	0	0	0	0	0	0	0.0
548	DL 2499	5S	0	30S	0	20S	30S	11.0
549	ID 1523	0	0	0	5MR	0	5MR	0.4
550	ID 1524	20MR	0	0	0	0	20MR	1.6
551	ID 1525	10MR	0	0	5MR	0	10MR	1.2
552	ID 1526	10MR	0	TS	TMR	0	10MR	1.1
553	ID 1527	10MR	0	0	5MR	0	10MR	1.2
554	ID 1528	10MR	0	0	10MR	0	10MR	1.6
555	ID 1529	0	0	0	0	0	0	0.0
556	ID 1530	0	0	0	5MS	0	5MS	0.8
557	ID 1531	0	0	0	0	0	0	0.0
558	ID 1532	0	0	0	0	0	0	0.0
559	ID 1533	10MR	0	0	0	0	10MR	0.8

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
560	ID 1534	0	0	0	0	0	0	0.0
560. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
561	ID 1535	10MR	0	0	0	0	10MR	0.8
562	ID 1536	10MR	5MR	0	0	0	10MR	1.2
563	ID 1537	10MR	0	0	0	0	10MR	0.8
564	ID 1538	0	0	0	0	0	0	0.0
565	ID 1539	0	0	0	TMR	0	TMR	0.1
566	ID 1540	0	0	0	5MR	0	5MR	0.4
567	ID 1541	40MR	0	0	TMR	0	40MR	3.3
568	ID 1542	0	0	0	TMR	0	TMR	0.1
569	ID 1543	20MR	0	0	5MR	0	20MR	2.0
570	ID 1544	0	10MR	10S	TR	0	10S	2.8
571	WBM 3554	0	0	0	0	0	0	0.0
572	WBM 3562	0	0	0	0	5S	5S	1.0
573	WBM 3572	0	0	0	0	5S	5S	1.0
574	WBM 3576	0	0	10S	0	0	10S	2.0
575	WBM 3581	0	20S	0	0	0	20S	4.0
576	WBM 3586	0	10MS	0	TMR	0	10MS	1.7
577	WBM 3624	0	20MS	20S	TMR	0	20S	7.3
578	WBM 3594	0	10S	0	0	0	10S	2.0
579	WBM 3611	0	5MS	0	0	0	5MS	0.8
580	WBM 3557	0	0	0	5MR	0	5MR	0.4
580. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
581	WR 3042	0	0	0	0	0	0	0.0
582	WBM 3626	0	0	0	0	0	0	0.0
583	WBM 3628	20S	0	0	TMR	0	20S	4.1
584	WBM 3629	0	0	0	0	0	0	0.0
585	HW 5260	0	0	0	0	0	0	0.0
586	WBM 3563	0	0	0	0	0	0	0.0
587	WBM 3622	0	0	0	0	0	0	0.0
588	WBM 3623	0	0	0	5MR	0	5MR	0.4
589	WBM 3625	0	0	0	0	0	0	0.0
590	WBM 3633	0	0	5S	0	0	5S	1.0
591	WBM 3634	20S	0	TS	-	0	20S	5.3
592	HW 5501	0	0	0	0	10S	10S	2.0
593	HW 5501-1	0	0	0	0	0	0	0.0
594	HW 5504	0	0	0	0	0	0	0.0
595	HW 5512	0	0	0	0	0	0	0.0
596	HW 5254	0	0	0	0	0	0	0.0
597	HW 5255	0	0	0	0	0	0	0.0
598	HW 5263	0	0	0	0	0	0	0.0
599	HW 5261	0	0	0	0	0	0	0.0
600	HW 5265	10MR	0	0	0	0	10MR	0.1
600. A	INFECTOR	60S	90S	80S	80S	40S	90S	58.8
601	WTV - 5	0	0	TS	0	0	TS	0.0
602	WTV - 6	0	0	0	0	0	0	0.0
603	WTV - 7	0	0	0	0	0	0	0.0
604	WTV - 8	0	0	0	0	0	0	0.0
605	WTV - 9	0	0	0	0	0	0	0.0
606	IND - 444	0	0	0	0	0	0	0.0
607	IND - 445	20S	0	0	TMS	0	20S	4.2
608	DW 1610	0	0	0	5MR	0	5MR	0.4
609	DW 1612	0	0	TS	0	0	TS	0.2
610	DW 1613	0	0	0	0	0	0	0.0
611	PS - 1183	0	0	0	0	0	0	0.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
612	SBP 15-42	0	0	TS	0	0	TS	0.2
613	SBP 15-43	0	0	0	0	0	0	0.0
614	SBP 15-44	0	0	0	0	0	0	0.0
615	SBP 15-45	0	0	0	0	0	0	0.0
616	SBP 15-46	0	0	0	0	0	0	0.0
617	SBP 15-47	0	0	0	5MR	0	5MR	0.4
618	SBP 15-48	0	0	0	0	0	0	0.0
619	SBP 15-49	0	0	0	TS	0	TS	0.2
620	CSW 127	0	0	0	0	0	0	0.0
620. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
621	CSW 128	0	0	TS	0	0	TS	0.2
622	CSW 129	0	0	0	TMR	0	TMR	0.1
623	CSW 130	0	0	0	0	0	0	0.0
624	CSW 131	0	0	0	0	0	0	0.0
625	DL 2471	0	0	10S	0	0	10S	2.0
626	PS - 1184	0	0	0	10MR	10S	10S	2.8
627	WBM 3556	0	0	0	0	0	0	0.0
628	WBM 3580	0	0	0	0	0	0	0.0
629	WBM 3591	0	0	0	0	0	0	0.0
630	WBM 3630	0	0	0	0	0	0	0.0
631	WR 3044	0	0	0	-	0	0	0.0
632	WBM 3631	0	0	0	0	0	0	0.0
633	WBM 3608	0	0	0	0	0	0	0.0
634	WBM 3596	0	0	0	TMR	0	TMR	0.1
635	WBM 3597	0	0	0	0	0	0	0.0
636	WBM 3564	0	0	0	0	0	0	0.0
637	WBM 3602	0	0	20S	0	0	20S	4.0
638	WBM 3632	0	0	0	0	0	0	0.0
639	WBM 3635	0	0	TS	TMR	0	TS	0.3
640	WBM 3599	0	0	10S	0	5S	10S	3.0
640. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
641	WR 3045	0	60S	0	0	0	60S*	12.0
642	WR 3046	0	40S	0	0	0	40S*	8.0
643	WR 3047	0	0	0	0	0	0	0.0
644	WR 3048	0	0	0	0	0	0	0.0
645	WR 3049	0	0	0	0	0	0	0.0
646	WR 3050	0	0	0	0	0	0	0.0
647	WR 3051	0	0	0	0	0	0	0.0
648	WR 3052	0	0	TS	0	0	TS	0.2
649	WR 3053	0	0	0	TR	0	TR	0.0
650	WR 3054	0	0	0	0	0	0	0.0
9. Dr. N. S. Bains, Punjab Agricultural University, Ludhiana								
651	BWL 3499	0	0	0	TMS	0	TMS	0.2
652	BWL 3500	0	0	0	TMS	0	TMS	0.2
653	BWL 3502	0	0	0	0	0	0	0.0
654	BWL 3503	0	0	0	0	0	0	0.0
655	BWL 3732	0	0	0	0	0	0	0.0
656	BWL 3746	0	0	0	0	0	0	0.0
657	BWL 4062	0	0	0	0	0	0	0.0
658	BWL 4233	0	0	0	0	0	0	0.0
659	BWL 4471	0	0	0	15S	20S	20S	7.0
660	BWL 4478	0	0	0	0	0	0	0.0
660. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
661	BWL 4587	0	0	0	0	20S	20S	4.0
662	BWL 4591	0	0	0	0	0	0	0.0
663	BWL 4592	0	0	0	5MS	0	5MS	0.8

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
664	BWL 4596	0	0	0	0	0	0	0.0
665	BWL 4628	0	0	0	0	5S	5S	1.0
666	BWL 4629	0	0	TS	0	0	TS	0.2
667	BWL 4634	0	0	TS	0	0	TS	0.2
668	BWL 4681	10MR	0	0	TMR	0	10MR	0.9
669	BWL 4691	0	0	0	0	0	0	0.0
670	BWL 4716	0	0	0	0	0	0	0.0
671	BWL 4741	0	0	0	0	0	0	0.0
672	BWL 4750	0	0	0	10S	40S	40S	10.0
673	BWL 4768	0	0	0	5S	40S	40S	9.0
674	BWL 4798	0	0	0	0	0	0	0.0
675	BWL 4801	0	0	0	0	0	0	0.0
676	BWL 4802	0	0	0	0	0	0	0.0
677	BWL 4815	0	0	0	5MR	0	5MR	0.4
678	BWL 4828	0	0	0	0	0	0	0.0
679	BWL 4833	0	0	0	0	10S	10S	2.0
680	BWL 4835	0	0	0	0	0	0	0.0
680. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
681	BWL 4846	0	0	0	0	0	0	0.0
682	BWL 4851	0	0	0	TMS	5S	5S	1.2
683	BWL 4871	0	0	0	0	0	0	0.0
684	BWL 4872	TS	0	0	0	TS	TS	0.4
685	BWL 4925	0	0	0	0	20S	20S	4.0
686	BWL 4996	0	0	0	TMS	10S	10S	2.2
687	BWL 5014	0	0	0	0	5S	5S	1.0
688	BWL 5048	0	0	10S	0	20S	20S	6.0
689	BWL 5117	0	0	20S	0	0	20S	4.0
690	BWL 5125	0	0	0	0	0	0	0.0
691	BWL 5127	0	0	10S	0	0	10S	2.0
692	BWL 5148	0	0	30S	0	0	30S	6.0
693	BWL 5149	0	0	0	0	0	0	0.0
694	BWL 5168	0	0	0	0	10S	10S	2.0
695	BWL 5169	0	0	10S	TMR	0	10S	2.1
696	BWL 5170	0	0	0	0	0	0	0.0
697	BWL 5171	0	0	10S	0	0	10S	2.0
698	BWL 5172	0	0	0	0	0	0	0.0
699	BWL 5173	0	0	0	0	0	0	0.0
700	BWL 5174	0	0	0	0	0	0	0.0
700. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
701	BWL 5175	0	0	0	0	0	0	0.0
702	BWL 5176	0	0	0	0	0	0	0.0
703	BWL 5177	0	0	0	0	0	0	0.0
704	BWL 5178	0	0	0	0	0	0	0.0
705	BWL 5179	0	0	20S	0	0	20S	4.0
706	BWL 5184	0	0	0	0	0	0	0.0
707	BWL 5185	0	5MR	0	0	10S	10S	2.4
708	BWL 5186	0	0	0	0	5S	5S	1.0
709	BWL 5189	0	40S	10S	TMR	0	40S	10.1
710	BWL 5190	0	0	0	0	0	0	0.0
711	BWL 5191	0	0	0	0	10S	10S	2.0
712	BWL 5192	0	0	0	0	0	0	0.0
713	BWL 5193	0	0	10S	0	0	10S	2.0
714	BWL 5194	0	0	0	0	0	0	0.0
715	BWL 5196	0	30S	0	0	0	30S	6.0
716	BWL 5197	0	80S	0	5MR	0	80S	16.4
717	BWL 5210	0	20S	0	0	0	20S	4.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
718	BWL 5212	0	0	0	0	20S	20S	4.0
719	BWL 5270	0	0	0	0	0	0	0.0
720	BWL 5271	0	0	0	0	0	0	0.0
720. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
721	BWL 5272	0	0	TS	0	0	TS	0.2
722	BWL 5301	0	0	0	0	10S	10S	2.0
723	BWL 5302	0	0	TS	0	0	TS	0.2
724	BWL 5303	20S	60S	0	10MS	0	60S	17.6
725	BWL 5304	0	0	0	0	5S	5S	1.0
726	BWL 5305	40S	80S	0	10S	40S	80S	34.0
727	BWL 5306	20S	80S	0	-	20S	80S	30.0
728	BWL 5307	0	0	0	0	0	0	0.0
729	BWL 5308	0	80S	0	0	0	80S	16.0
730	BWL 6001	80S	0	20S	60S	10S	80S	34.0
731	BWL 6002	10S	0	0	0	0	10S	2.0
732	BWL 6003	40S	0	0	5MR	0	40S*	8.4
733	BWL 6004	0	0	0	TMR	0	TMR	0.1
734	BWL 6005	0	0	0	TS	0	TS	0.2
735	BWL 6006	0	0	0	0	0	0	0.0
736	BWL 6007	0	0	0	0	0	0	0.0
737	BWL 6008	0	0	0	10S	0	10S	2.0
738	BWL 6009	0	0	0	0	0	0	0.0
739	BWL 6010	0	0	0	0	0	0	0.0
740	BWL 6011	0	0	0	0	0	0	0.0
740. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
741	BWL 6012	0	0	0	0	20S	20S	4.0
742	BWL 6013	0	0	0	0	0	0	0.0
743	BWL 6014	0	0	0	0	0	0	0.0
744	BWL 6015	0	10MS	0	0	0	10MS	1.6
745	BWL 6016	0	40MS	0	5MS	10S	40MS	9.2
746	BWL 6017	0	10MR	10S	5MS	0	10S	3.6
747	BWL 6018	0	0	0	0	0	0	0.0
748	BWL 6019	0	0	0	0	10S	10S	2.0
749	BWL 6020	0	0	0	0	0	0	0.0
750	BWL 6021	0	0	30S	0	0	30S	6.0
751	BWL 6022	0	0	0	0	0	0	0.0
752	BWL 6023	0	0	0	5MR	0	5MR	0.4
753	BWL 6024	0	5MS	0	0	0	5MS	0.8
754	BWL 6025	0	0	0	0	5S	5S	1.0
755	BWL 6026	0	0	0	0	10S	10S	2.0
756	BWL 6027	0	0	0	0	0	0	0.0
757	BWL 6028	0	0	0	0	0	0	0.0
758	BWL 6029	0	10MR	0	0	0	10MR	0.8
759	BWL 6030	0	0	0	TMR	0	TMR	0.0
760	BWL 6031	0	0	0	0	0	0	0.0
760. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
761	BWL 6032	0	0	0	0	0	0	0.0
762	BWL 6033	0	0	0	0	0	0	0.0
763	BWL 6034	40S	10S	0	15S	0	40S	13.0
764	BWL 6035	0	0	0	0	0	0	0.4
765	BWL 6036	0	0	10S	5MR	0	10S	2.1
766	BWL 6037	0	0	0	0	10S	10S	2.0
767	BWL 6038	0	0	0	0	0	0	0.0
768	BWL 6039	0	0	10S	0	0	10S	2.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
769	BWL 6040	0	0	0	0	0	0	0.0
770	BWL 6041	0	0	0	0	0	0	0.0
771	BWL 6042	0	0	0	0	0	0	0.0
772	BWL 6043	0	40S	20S	TMS	0	40S	12.2
773	BWL 6044	0	0	0	0	0	0	0.0
774	BWL 6045	0	0	0	0	0	0	0.0
775	BWL 6046	0	0	0	0	0	0	0.0
776	BWL 6047	0	0	0	0	0	0	0.0
777	BWL 6048	0	0	0	0	0	0	0.0
778	BWL 6049	0	0	5S	0	0	5S	1.0
779	BWL 6050	0	0	0	0	0	0	0.0
780	BWL 6051	0	0	0	0	0	0	0.0
780. A	INFECTOR	60S	90S	60S	70S	40S	90S	64.0
781	BWL 6052	0	10S	0	0	5S	10S	3.0
782	BWL 6053	0	0	0	0	0	0	0.0
783	BWL 6054	0	5MR	TS	0	0	5MR	0.6
784	BWL 6055	0	0	0	0	0	0	0.0
785	BWL 6056	0	20MR	0	0	0	20MR	1.6
786	BWL 6057	0	0	0	0	0	0	0.0
787	BWL 6058	20S	0	0	TMS	40S	40S	12.2
788	BWL 6059	0	0	0	0	0	0	0.0
789	BWL 6060	40S	0	0	5MR	20S	40S	12.4
790	BWL 6061	20S	0	0	TMR	0	20S	4.1
10. Dr. A. P. Padhye, MPKV, ARS, Niphad								
791	NIAW 3033	0	0	0	0	0	0	0.0
792	NIAW 3056	0	0	0	0	0	0	0.0
793	NIAW 3074	0	0	0	0	0	0	0.0
794	NIAW 3096	40S	0	0	0	0	40S*	8.0
795	NIAW 3108	0	0	0	5MR	0	5MR	0.4
796	NIAW 3161	0	0	0	0	0	0	0.0
797	NIAW 3166	0	0	0	0	0	0	0.0
798	NIAW 3170	0	0	0	0	0	0	0.0
799	NIAW 3173	0	0	0	0	0	0	0.0
800	NIAW 3183	0	0	0	0	0	0	0.0
800. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
801	NIAW 3212	0	0	0	0	0	0	0.0
802	NIAW 3217	0	0	0	0	0	0	0.0
803	NIAW 3220	0	0	0	0	0	0	0.0
804	NIDW 1099	20MR	5MR	0	0	0	20MR	2.0
805	NIDW 1100	20MR	0	5S	0	0	20MR	2.6
806	NIDW 1101	0	0	0	10MR	0	10MR	0.8
807	NIDW 1113	20MR	0	0	0	0	20MR	1.6
808	NIDW 1125	20MR	0	0	0	0	20MR	1.6
809	NIDW 1132	20MR	0	0	TR	0	20MR	1.6
810	NIDW 1146	10MR	0	0	0	0	10MR	0.8
11. Dr. J. P. Jaiswal, GBPUA&T, Pantnagar, Uttarakhand								
811	UP - 01	0	0	0	0	0	0	0.0
812	UP - 02	0	0	TS	0	0	TS	0.2
813	UP - 03	0	0	0	0	0	0	0.0
814	UP - 04	0	0	0	0	0	0	0.0
815	UP - 05	0	0	0	0	0	0	0.0
816	UP - 06	0	10MS	0	5S	0	10MS	2.6
817	UP - 07	0	80S	0	TMS	10S	80S	18.2
818	UP - 08	0	0	0	0	0	0	0.0
819	UP - 09	0	0	0	0	0	0	0.0



IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
820	UP - 10	0	0	0	0	0	0	0.0
820. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
821	UP - 11	0	0	0	0	0	0	0.0
822	UP - 12	0	0	0	0	0	0	0.0
823	UP - 13	0	0	0	0	0	0	0.0
824	UP - 14	0	0	0	0	0	0	0.0
825	UP - 15	0	0	0	0	0	0	0.0
826	UP - 16	0	0	0	0	0	0	0.0
827	UP - 17	0	0	0	0	0	0	0.0
828	UP - 18	0	0	0	0	0	0	0.0
829	UP - 19	0	0	0	0	0	0	0.0
830	UP - 20	20MR	10S	0	15S	0	15S	6.6
831	UP - 21	40S	0	0	0	0	40S*	8.0
832	UP - 22	0	0	0	0	0	0	0.0
833	UP - 23	0	10S	0	0	0	10S	2.0
834	UP - 24	20MR	20MS	0	0	0	20MS	4.8
835	UP - 25	10MR	0	0	0	20S	20S	4.8
836	UP - 26	0	5MR	0	0	0	5MR	0.4
837	UP - 27	0	0	0	0	0	0	0.0
838	UP - 28	0	0	0	0	0	0	0.0
839	UP - 29	0	0	0	10S	0	10S	2.0
840	UP - 30	20MS	0	0	5S	0	20MS	4.2
840. A	INFECTOR	60S	90S	60S	70S	40S	90S	64.0
841	UP - 31	20S	0	0	0	10S	20S	6.0
842	UP - 32	10MS	0	0	0	0	10MS	1.6
843	UP - 33	0	0	0	0	5S	5S	1.0
844	UP - 34	20MR	0	40S	0	0	40S	9.6
845	UP - 35	20MR	0	0	0	0	20MR	1.6
846	UP - 36	0	40S	0	0	0	40S*	8.0
847	UP - 37	20S	30MS	0	5S	20S	30MS	13.8
848	UP - 38	20S	5MR	0	0	10S	20S	6.4
849	UP - 39	0	0	0	0	0	0	0.0
850	UP - 40	0	5MR	0	0	0	5MR	0.4
851	UP - 41	0	0	0	0	0	0	0.0
852	UP - 42	0	0	0	0	0	0	0.0
853	UP - 43	0	60S	0	0	0	60S*	12.0
854	UP - 44	10S	0	0	0	5S	10S	3.0
855	UP - 45	0	20S	0	0	0	20S	4.0
856	UP - 46	0	5MR	0	0	0	5MR	0.4
857	UP - 47	0	0	TS	0	0	TS	0.2
858	UP - 48	0	0	0	0	0	0	0.0
859	UP - 49	0	0	0	0	5S	5S	1.0
860	UP - 50	20S	0	0	0	0	20S	4.0
860. A	INFECTOR	60S	90S	80S	60S	40S	90S	66.0
861	UP - 51	10MR	60S	10S	0	0	60S	14.8
862	UP - 52	0	20S	0	0	0	20S	4.0
863	UP - 53	0	40S	0	0	5S	40S*	9.0
864	UP - 54	10MR	30S	5S	0	5S	30S	8.8
865	UP - 55	0	10S	10S	0	0	10S	4.0
866	UP - 56	0	80S	0	TMS	0	80S	16.2
867	UP - 57	0	20S	0	0	0	20S	4.0
868	UP - 58	0	30S	0	0	0	30S	6.0
869	UP - 59	20S	40S	0	10MS	0	40S	13.6
870	UP - 60	5S	0	0	0	20S	20S	5.0
871	UP - 61	0	0	0	0	0	0	0.0
872	UP - 62	0	0	0	0	0	0	0.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
873	UP - 63	0	0	0	5MR	5S	5S	1.4
874	UP - 64	0	0	0	0	5S	5S	1.0
875	UP - 65	0	0	0	TMS	5S	5S	1.2
876	UP - 66	0	0	0	0	5S	5S	1.0
877	UP - 67	0	0	0	0	0	0	0.0
878	UP - 68	10MR	0	0	0	0	10MR	0.8
879	UP - 69	20MR	0	0	0	0	20MR	1.6
880	UP - 70	20MS	60S	0	15S	0	60S	18.2
880. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
881	UP - 71	20MR	80S	TS	20S	5S	80S	22.8
882	UP - 72	10S	10S	0	0	0	10S	4.0
883	UP - 73	20S	60S	TS	5MR	10S	60S	18.6
884	UP - 74	40S	80S	20S	10MR	40S	80S	36.8
885	UP - 75	40S	40S	20S	20S	5S	40S	25.0
886	UPMAS - 1	40S	10S	20S	40S	5S	40S	23.0
887	UPMAS - 2	40S	30S	5S	15S	10S	40S	20.0
888	UPMAS - 3	40S	20S	60S	15S	0	60S	27.0
889	UPMAS - 4	0	60S	TS	20S	0	60S	16.2
890	UPMAS - 5	40S	20S	0	5S	0	40S	13.0
12. PI, Crop Improvement, IIWBR, Karnal							0	
891	CI - 01	0	40S	0	10S	0	40S	10.0
892	CI - 02	0	0	0	0	0	0	0.0
893	CI - 03	0	0	0	0	0	0	0.0
894	CI - 04	0	0	0	0	0	0	0.0
895	CI - 05	0	0	0	0	0	0	0.0
896	CI - 06	0	30S	0	0	0	30S	6.0
897	CI - 07	0	5MR	0	0	0	5MR	0.4
898	CI - 08	0	0	0	0	0	0	0.0
899	CI - 09	0	0	0	0	0	0	0.0
900	CI - 10	0	0	0	0	0	0	0.0
900. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
901	CI - 11	0	0	0	0	0	0	0.0
902	CI - 12	10S	0	0	5MR	0	10S	2.4
903	CI - 13	0	60S	0	TMS	5S	60S	13.2
904	CI - 14	0	20S	0	5MR	0	20S	4.4
905	CI - 15	10MS	40S	0	5S	0	40S	10.6
906	CI - 16	0	40S	0	0	0	40S*	8.0
907	CI - 17	0	0	0	0	0	0	0.0
908	CI - 18	0	0	0	0	10S	10S	2.0
909	CI - 19	10MS	0	0	0	0	10MS	1.6
910	CI - 20	40S	40S	TS	30S	0	40S	22.2
911	CI - 21	0	10S	0	0	5S	10S	3.0
912	CI - 22	0	0	0	0	40S	40S*	8.0
913	CI - 23	0	60S	0	0	0	60S*	12.0
914	CI - 24	0	40S	0	0	0	40S	8.0
915	CI - 25	0	10S	0	5S	0	10S	3.0
916	CI - 26	0	0	0	15S	0	15S	3.0
917	CI - 27	0	40S	0	0	0	40S*	8.0
918	CI - 28	0	20S	0	5MS	0	20S	4.8
919	CI - 29	0	80S	0	0	0	80S	16.0
920	CI - 30	10MR	0	0	0	0	10MR	0.8
920. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
921	CI - 31	10MR	0	0	TMS	0	10MR	1.0
922	CI - 32	40S	60S	0	20S	0	60S	24.0
923	CI - 33	0	80S	0	0	0	80S	16.0
924	CI - 34	0	0	0	0	5S	5S	1.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
925	CI - 35	0	0	20S	0	0	20S	4.0
926	CI - 36	10S	5MR	0	5S	0	10S	3.4
927	CI - 37	0	0	0	0	0	0	0.0
928	CI - 38	0	0	0	0	0	0	0.0
929	CI - 39	0	0	10S	0	0	10S	2.0
930	CI - 40	0	0	0	0	0	0	0.0
931	CI - 41	10MS	0	0	0	10S	10S	3.6
932	CI - 42	0	0	0	0	0	0	0.0
933	CI - 43	0	0	10S	0	0	10S	2.0
934	CI - 44	0	0	10S	0	5S	10S	3.0
935	CI - 45	0	30S	0	0	0	30S	6.0
936	CI - 46	10MR	0	0	0	0	10MR	0.8
937	CI - 47	0	40S	10S	0	0	40S	10.0
938	CI - 48	10MR	30S	0	0	5S	30S	7.8
939	CI - 49	20MR	0	0	5MS	0	20MR	2.4
940	CI - 50	0	0	0	0	0	0	0.0
940. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
941	CI - 51	0	0	0	0	0	0	0.0
942	CI - 52	20S	0	0	10MS	0	20S	5.6
943	CI - 53	0	10S	0	0	0	10S	2.0
944	CI - 54	0	0	0	0	0	0	0.0
945	CI - 55	0	0	0	0	5S	5S	1.0
946	CI - 56	0	40S	5S	5MS	0	40S	9.8
947	CI - 57	0	0	0	0	0	0	0.0
948	CI - 58	0	0	10S	0	0	10S	2.0
949	CI - 59	10MR	0	0	5MR	0	10MR	1.2
950	CI - 60	0	0	0	0	0	0	0.0
951	CI - 61	40S	0	0	0	5S	40S*	9.0
952	CI - 62	0	0	10S	0	0	10S	2.0
953	CI - 63	0	0	0	0	0	0	0.0
954	CI - 64	0	5MR	0	0	0	5MR	0.4
955	CI - 65	0	0	0	0	0	0	0.0
956	CI - 66	0	0	20S	0	0	20S	4.0
957	CI - 67	0	0	0	TMR	0	TMR	0.1
958	CI - 68	0	0	0	0	0	0	0.0
959	CI - 69	0	0	0	0	0	0	0.0
960	CI - 70	0	60S	0	TMS	10S	60S	14.2
960. A	INFECTOR	60S	90S	60S	60S	40S	90S	62.0
961	CI - 71	0	10MR	0	0	0	10MR	0.8
962	CI - 72	0	0	0	0	0	0	0.0
963	CI - 73	0	0	0	0	0	0	0.0
964	CI - 74	0	0	0	5MR	0	5MR	0.4
965	CI - 75	40S	60S	0	5S	0	60S	21.0
966	CI - 76	20S	60S	60S	60S	40S	60S	48.0
967	CI - 77	20S	80S	TS	20S	20S	80S	28.2
968	CI - 78	10S	80S	0	5S	0	80S	19.0
969	CI - 79	10MR	30S	0	TR	0	30S	6.8
970	CI - 80	20S	40S	0	0	0	40S	12.0
971	CI - 81	10S	30S	0	0	0	30S	8.0
972	CI - 82	0	20S	0	0	0	20S	4.0
973	CI - 83	0	10MR	0	0	0	10MR	0.8
974	CI - 84	10MR	5MR	0	0	0	10MR	1.2
975	CI - 85	0	0	0	0	0	0	0.0
976	CI - 86	0	0	0	0	0	0	0.0

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
977	CI - 87	0	0	0	0	0	0	0.0
978	CI - 88	0	0	0	0	0	0	0.0
979	CI - 89	0	0	0	0	0	0	0.0
980	CI - 90	0	0	0	0	0	0	0.0
980. A	INFECTOR	60S	90S	0	70S	40S	90S	52.0
981	CI - 91	0	10MR	0	0	20S	20S	4.8
982	CI - 92	0	0	0	TMR	0	TMR	0.1
983	CI - 93	10MR	0	0	5MR	0	10MR	1.2
984	CI - 94	10MR	5MR	0	TMR	0	10MR	1.3
985	CI - 95	10MR	0	0	0	0	10MR	0.8
986	CI - 96	10MR	0	0	0	0	10MR	0.8
987	CI - 97	10MR	0	0	5MR	0	10MR	1.2
988	CI - 98	10MR	0	0	10MR	0	10MR	1.6
989	CI - 99	0	0	0	0	0	0	0.0
990	CI - 100	0	0	0	5MR	0	5MR	0.4
991	CI - 101	0	0	0	0	0	0	0.0
992	CI - 102	10MR	0	0	0	0	10MR	0.8
993	CI - 103	10MR	0	0	5MR	0	10MR	1.2
994	CI - 104	10MR	0	0	5MR	0	10MR	1.2
995	CI - 105	10MR	0	0	5MR	0	10MR	1.2
996	CI - 106	0	0	0	0	0	0	0.0
997	CI - 107	0	0	0	0	0	0	0.0
998	CI - 108	10MR	0	0	0	0	10MR	0.8
999	CI - 109	20MR	0	0	5MS	0	20MR	2.4
1000	CI - 110	0	0	0	0	0	0	0.0
1000. A	INFECTOR	60S	90S	60S	60S	40S	90S	62.0
1001	CI - 111	0	0	5S	0	0	5S	1.0
1002	CI - 112	0	30S	0	TMR	0	30S	6.1
1003	CI - 113	40S	60S	0	5S	0	60S	21.0
1004	CI - 114	0	30S	0	TMS	0	30S	6.2
1005	CI - 115	20S	40S	0	5S	0	40S	13.0
1006	CI - 116	0	60S	0	0	0	60S*	12.0
1007	CI - 117	10MS	60S	0	0	0	60S	13.6
1008	CI - 118	0	80S	0	0	0	80S	16.0
1009	CI - 119	10MR	40S	0	0	0	40S	8.8
1010	CI - 120	60S	30S	0	5MS	40S	60S	26.8
1011	CI - 121	10S	20S	TS	0	0	20S	6.2
1012	CI - 122	0	0	0	0	0	0	0.0
1013	CI - 123	0	0	0	0	0	0	0.0
1014	CI - 124	0	0	0	0	0	0	0.0
1015	CI - 125	0	0	0	0	0	0	0.0
1016	CI - 126	0	0	0	TMS	0	TMS	0.2
1017	CI - 127	60S	0	0	5MS	20S	60S	16.8
1018	CI - 128	0	0	0	0	0	0	0.0
1019	CI - 129	0	0	0	0	0	0	0.0
1020	CI - 130	0	0	0	0	0	0	0.0
1020. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1021	CI - 131	0	0	0	0	0	0	0.0
1022	CI - 132	0	20S	0	0	10S	20S	6.0
1023	CI - 133	0	10MR	0	0	0	10MR	0.8
1024	CI - 134	10MR	0	0	TMR	0	10MR	0.9
1025	CI - 135	40S	60S	0	20S	5S	60S	25.0
1026	CI - 136	0	10MR	0	0	0	10MR	0.8

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1027	CI - 137	0	0	0	0	0	0	0.0
1028	CI - 138	80S	60S	0	15S	20S	80S	35.0
1029	CI - 139	0	20S	0	0	0	20S	4.0
1030	CI - 140	0	0	0	0	0	0	0.0
1031	CI - 141	0	0	0	0	0	0	0.0
1032	CI - 142	0	0	0	0	0	0	0.0
1033	CI - 143	0	0	10S	0	0	10S	2.0
1034	CI - 144	10MR	0	0	0	0	10MR	0.8
1035	CI - 145	0	0	20S	5MS	0	20S	4.8
1036	CI - 146	10MR	5MR	0	0	0	10MR	1.2
1037	CI - 147	0	0	0	0	0	0	0.0
1038	CI - 148	0	0	5S	0	0	5S	1.0
1039	CI - 149	10MR	60S	TS	10MS	0	60S	14.6
1040	CI - 150	0	5MR	0	0	0	5MR	0.4
1040. A	INFECTOR	60S	90S	80S	60S	40S	90S	66.0
1041	CI - 151	20MS	10MR	0	TMS	0	20MS	4.2
1042	CI - 152	0	0	0	0	0	0	0.0
1043	CI - 153	40S	10S	0	5S	0	40S	11.0
1044	CI - 154	0	30S	0	5MS	0	30S	6.8
1045	CI - 155	20S	60S	0	5MS	0	60S	16.8
1046	CI - 156	20S	60S	0	5S	0	60S	17.0
1047	CI - 157	0	30S	0	0	0	30S	6.0
1048	CI - 158	0	5MR	0	0	0	5MR	0.4
1049	CI - 159	0	0	0	0	0	0	0.0
1050	CI - 160	0	0	0	0	0	0	0.0
1051	CI - 161	0	0	0	0	0	0	0.0
1052	CI - 162	0	0	0	0	0	0	0.0
1053	CI - 163	0	0	0	0	0	0	0.0
1054	CI - 164	0	0	0	0	0	0	0.0
1055	CI - 165	0	0	0	0	0	0	0.0
1056	CI - 166	0	30S	0	TMS	0	30S	6.2
1057	CI - 167	0	40S	0	0	0	40S*	8.0
1058	CI - 168	0	5MR	0	0	0	5MR	0.4
1059	CI - 169	0	0	0	0	0	0	0.0
1060	CI - 170	0	0	0	TMR	0	TMR	0.1
1060. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1061	CI - 171	0	0	0	0	0	0	0.0
1062	CI - 172	0	0	0	0	0	0	0.0
1063	CI - 173	0	10MR	0	TMR	0	10MR	0.9
1064	CI - 174	0	5MR	0	0	10S	10S	2.4
1065	CI - 175	0	60S	0	0	0	60S*	12.0
1066	QBP 1509	0	0	10S	0	0	10S	2.0
1067	QBP 1510	40S	40S	0	20S	40S	40S	28.0
1068	QBP 1511	0	0	30S	0	0	30S	6.0
1069	QBP 1512	0	0	0	0	0	0	0.0
1070	QBP 1513	0	0	0	0	0	0	0.0
1071	QBP 1514	0	5MR	10S	0	0	10S	2.4
1072	QBP 1515	0	0	0	0	0	0	0.0
1073	QBP 1516	0	0	0	0	0	0	0.0
1074	QBP 1517	0	0	0	0	0	0	0.0
1075	QBP 1518	0	0	0	0	0	0	0.0
1076	QBP 1519	0	0	TS	10S	0	10S	2.2
1077	QBP 1520	0	0	0	0	0	0	0.0

13. Dr. Hoshiyar Singh, RARI, Durgapura, Jaipur (Raj.)

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1078	WR 1815	0	0	0	0	0	0	0.0
1079	WR 1816	0	0	0	0	0	0	0.0
1080	WR 1817	0	0	0	0	0	0	0.0
1080. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1081	WR 1818	0	10S	0	5MS	0	10S	2.8
1082	WR 1819	0	0	0	0	0	0	0.0
1083	WR 1820	0	0	0	0	0	0	0.0
1084	WR 1821	0	0	0	0	0	0	0.0
1085	WR 1822	0	0	TS	0	0	TS	0.2
1086	WR 1823	0	0	0	0	0	0	0.0
1087	WR 1824	0	0	0	TMS	0	TMS	0.2
1088	WR 1825	0	0	0	0	0	0	0.0
1089	WR 1826	40S	0	0	10S	5S	40S	11.0
1090	WR 1827	0	10MR	0	0	0	10MR	0.8
1091	WR 1828	0	0	0	0	0	0	0.0
1092	WR 1829	0	0	0	0	0	0	0.0
1093	WR 1830	0	0	0	0	0	0	0.0
1094	WR 1831	0	0	20S	0	0	20S	4.0
1095	WR 1832	0	0	0	0	0	0	0.0
1096	WR 1833	0	0	20S	TMR	0	20S	4.1
1097	WR 1834	0	0	0	0	0	0	0.0
1098	WR 1835	0	0	0	0	5S	5S	1.0
1099	WR 1836	10S	0	10S	0	5S	10S	5.0
1100	WR 1837	0	0	0	0	0	0	0.0
1100. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1101	WR 1838	0	0	0	0	0	0	0.0
1102	WR 1839	0	5MR	0	0	0	5MR	0.4
1103	WR 1840	0	0	0	0	0	0	0.0
1104	WR 1841	0	0	0	0	0	0	0.0
1105	WR 1842	0	0	0	0	0	0	0.0
1106	WR 1843	0	0	0	0	0	0	0.0
1107	WR 1844	0	0	0	0	0	0	0.0
1108	WR 1845	0	0	0	0	0	0	0.0
1109	WR 1846	0	0	0	0	0	0	0.0
1110	WR 1847	0	0	0	TMR	0	TMR	0.1
1111	WR 1848	0	0	40S	0	0	40S*	8.0
1112	WR 1849	0	0	0	20S	10S	20S	6.0
1113	WR 1850	0	0	0	0	0	0	0.0
1114	WR 1851	0	0	0	0	0	0	0.0
1115	WR 1852	0	0	0	0	0	0	0.0
1116	WR 1853	0	0	0	0	0	0	0.0
1117	WR 1854	0	0	0	TMS	10S	10S	2.2
1118	WR 1770	0	0	5S	0	0	5S	1.0
1119	WR 1771	0	0	0	20S	0	20S	4.0
1120	WR 1772	0	0	0	TMS	0	TMS	0.2
1120. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1121	WR 1773	0	0	10S	0	0	10S	2.0
1122	WR 1774	0	0	0	0	0	0	0.0
1123	WR 1775	0	0	0	0	0	0	0.0
1124	WR 1776	0	0	5S	0	0	5S	1.0
1125	WR 1777	0	0	0	0	40S	40S*	8.0
1126	WR 1778	10S	0	0	5MS	0	10S	2.8
1127	WR 1779	0	0	0	0	0	0	0.0
1128	WR 1780	0	0	0	0	0	0	0.0
1129	WR 1781	40S	0	0	40S	0	40S	16.0

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1130	WR 1782	60S	10S	0	TMS	40S	60S	22.2
1131	WR 1783	0	0	0	0	0	0	0.0
1132	WR 1784	0	0	0	0	0	0	0.0
1133	WR 1785	10MR	0	0	TMS	0	10MR	1.0
1134	WR 1786	40S	0	0	5MR	0	40S*	8.4
1135	WR 1787	60S	0	TS	5MR	0	60S	12.6
1136	WR 1788	0	0	0	0	0	0	0.0
1137	WR 1789	0	0	0	0	10S	10S	2.0
1138	WR 1790	0	0	0	0	0	0	0.0
1139	WR 1791	10MS	0	0	0	0	10MS	1.6
1140	WR 1792	20S	0	0	0	40S	40S	12.0
1140. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1141	WR 1793	40S	20MR	0	5MS	40S	40S	18.4
1142	WR 1794	0	TR	0	5MS	20S	20S	4.8
1143	WR 1795	0	0	TS	0	0	TS	0.2
1144	WR 1796	10MS	0	TS	0	0	10MS	1.8
1145	WR 1797	0	0	0	0	0	0	0.0
1146	WR 1798	0	0	0	0	0	0	0.0
1147	WR 1799	0	0	0	0	0	0	0.0
1148	WR 1800	0	0	0	0	0	0	0.0
1149	WR 1801	0	0	0	0	0	0	0.0
1150	WR 1802	0	0	0	0	0	0	0.0
1151	WR 1803	0	0	0	0	0	0	0.0
1152	WR 1804	0	0	0	0	0	0	0.0
1153	WR 1805	0	0	0	0	0	0	0.0
1154	WR 1806	0	0	0	0	0	0	0.0
1155	WR 1807	0	0	0	0	5S	5S	1.0
1156	WR 1808	0	0	0	0	0	0	0.0
1157	WR 1809	0	0	0	0	0	0	0.0
1158	WR 1810	0	0	0	0	0	0	0.0
1159	WR 1811	0	0	TS	0	0	TS	0.2
1160	WR 1812	0	0	TS	0	0	TS	0.2
1160. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1161	WR 1813	0	0	TS	0	0	TS	0.2
1162	WR 1814	0	0	TS	0	0	TS	0.2
14. Dr. Tuhina Dey, SKUAS&T, Chatha, Jammu								
1163	JAUW 645	0	0	60S	5S	0	60S*	13.0
1164	JAUW 646	40S	60S	0	40S	20S	60S	32.0
1165	JAUW 647	0	5MR	0	0	40S	40S*	8.4
1166	JAUW 648	0	0	0	0	0	0	0.0
1167	JAUW 649	0	0	0	0	0	0	0.0
1168	JAUW 650	0	20S	0	20S	0	20S	8.0
1169	JAUW 651	20MR	0	0	15S	0	15S	4.6
1170	JAUW 652	40S	40S	0	30S	0	40S	22.0
1171	JAUW 653	40S	30S	0	20S	10S	40S	20.0
1172	JAUW 654	40S	20MS	0	30S	0	40S	17.2
15. Dr. N. R. Potdukhe, Wheat Research Unit, P.D.K.V., Akola								
1173	AKAW-4914	10MS	10MR	TS	10MS	0	10MS	4.2
1174	AKAW-4915	60S	20S	0	10S	5S	60S	19.0
1175	AKAW-4916	10MR	40S	0	0	0	40S	8.8
1176	AKAW-4918	0	0	0	-	0	0	0.0
1177	AKAW-4919	0	0	TS	0	0	TS	0.2
1178	AKAW-4923	40S	0	0	30S	0	40S	14.0
1179	AKAW-4924	10S	0	0	0	0	10S	2.0

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1180	AKAW-4925	0	0	0	0	0	0	0.0
1180. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1181	AKAW-4926	60S	0	0	0	40S	60S	20.0
1182	AKAW-4929	0	0	0	0	0	0	0.0
1183	AKAW-4932	0	60S	TS	0	10S	60S	14.2
1184	AKAW-4933	0	40S	TS	0	0	40S	8.2
1185	AKAW-5010	0	10MS	TS	10S	0	10S	3.8
1186	AKAW-5011	10S	5MR	0	0	5S	10S	3.4
1187	AKAW-5012	10MR	TR	0	10MR	0	10MR	1.6
1188	AKAW-5013	10MR	60S	0	5MR	0	60S	13.2
1189	AKAW-5014	10MR	20S	0	5MS	0	20S	5.6
1190	AKAW-5015	40S	10MR	0	TMS	20S	40S	13.0
1191	AKAW-5016	20S	40S	TS	0	0	40S	12.2
1192	AKAW-5017	0	30S	TS	0	0	30S	6.2
16. Ajay Prakash Agrawal, IGKV, TCB College of Agriculture & Res. Station, Bilaspur (C.G.)								
1193	CG 1501	20S	0	TS	0	40S	40S	12.2
1194	CG 1502	0	0	0	0	20S	20S	4.0
1195	CG 1503	10MS	0	0	0	10S	10S	3.6
1196	CG 1504	10MR	0	0	0	0	10MR	0.8
1197	CG 1505	0	0	0	0	10S	10S	2.0
1198	CG 1506	0	0	0	0	0	0	0.0
1199	CG 1507	40S	0	0	0	0	40S*	8.0
1200	CG 1508	0	0	0	0	0	0	0.0
1200. A	INFECTOR	60S	90S	60S	70S	40S	90S	64.0
1201	CG 1509	0	0	0	0	0	0	0.0
1202	CG 1510	10MR	0	0	0	0	10MR	0.8
1203	CG 1511	0	10MS	0	TMR	0	10MS	1.7
1204	CG 1512	0	0	0	TMS	0	TMS	0.2
1205	CG 1513	0	0	TS	0	0	TS	0.2
1206	CG 1514	0	0	TS	0	0	TS	0.2
1207	CG 1515	0	0	0	0	5S	5S	1.0
1208	CG 1516	20MR	0	TS	0	0	20MR	1.8
1209	CG 1517	10S	20S	0	0	0	20S	6.0
1210	CG 1518	0	10MR	0	0	0	10MR	0.8
1211	CG 1519	0	0	0	0	0	0	0.0
1212	CG 1520	0	30S	0	0	0	30S	6.0
1213	CG 1521	0	20S	0	TMS	0	20S	4.2
1214	CG 1522	0	0	0	0	0	0	0.0
1215	CG 1523	0	0	0	0	0	0	0.0
1216	CG 1524	0	0	0	0	0	0	0.0
1217	CG 1525	10MR	0	0	0	0	10MR	0.8
17. Dr. V. S. Kandalkar, RVSKVV, Gwalior (M.P.)								
1218	RVW 4250	0	0	0	0	0	0	0.0
1219	RVW 4251	0	0	20S	0	0	20S	4.0
1220	RVW 4252	0	0	10S	0	0	10S	2.0
1220. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1221	RVW 4253	40S	20MS	10S	5MS	0	40S	14.0
1222	RVW 4254	10MR	0	0	TMR	0	10MR	0.9
1223	RVW 4255	10MR	0	0	TMR	0	10MR	0.9
1224	RVW 4256	20S	0	0	0	0	20S	4.0
1225	RVW 4257	60S	30S	0	20S	40S	60S	30.0
1226	RVW 4258	0	5MR	0	10S	0	10S	2.4
1227	RVW 4259	20S	0	0	TS	0	20S	4.2
1228	RVW 4260	0	0	5S	10MS	0	10MS	2.6



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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
18. Dr. Arun Sharma, ARS, Ummedganj, Kota								
1229	RKD 308	10MR	0	0	5MR	0	10MR	1.2
1230	RKD 309	10MR	0	0	0	0	10MR	0.8
1231	RKD 310	10MR	TMR	0	10MR	0	10MR	1.7
1232	RKD 311	10MR	0	0	10MS	0	10MS	2.4
1233	RKD 312	10MR	10MR	0	0	0	10MR	1.6
1234	RKD 313	10MR	0	0	5MR	0	10MR	1.2
1235	RKD 314	10MR	0	0	0	0	10MR	0.8
1236	RKD 315	10MR	0	TS	0	0	10MR	1.0
1237	RKD 316	10MR	0	0	5MS	0	5MS	1.6
1238	RKD 317	10MR	0	0	10MS	0	10MS	2.4
1239	RKD 318	10MR	0	0	5MS	0	5MS	1.6
1240	RKD 319	10MR	0	0	0	0	10MR	0.8
1240. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1241	RKD 320	10MR	0	0	0	0	10MR	0.8
1242	RKD 321	60S	10S	0	30MS	0	60S	18.8
1243	RKD 322	10MR	5MR	0	5MR	0	10MR	1.6
19. Dr. S. Tamhankar, Agharkar Research Institute, Pune								
1244	ARI - 01	10MR	0	0	10MR	0	10MR	1.6
1245	ARI - 02	0	0	0	TMR	0	TMR	0.1
1246	ARI - 03	0	0	TS	5MR	0	5MR	0.6
1247	ARI - 04	0	0	0	10MS	0	10MS	1.6
1248	ARI - 05	0	0	0	10MR	0	10MR	0.8
1249	ARI - 06	0	0	0	15MR	0	15MR	1.2
20. Dr. Mahabal Ram, SHIATS, Allahabad								
1250	AAI-W15/MR-94	0	0	0	0	0	0	0.0
1251	AAI-W13/MR-86	0	0	0	0	0	0	0.0
1252	AAI-W18/MR-26-1	0	0	0	TMR	0	TMR	0.1
1253	AAI-W10/MR-47	20S	0	0	15S	0	20S	7.0
1254	AAI-W9/MR-29	10MR	0	0	5MS	0	5MS	1.6
1255	AAI-W14/MR-30	0	0	0	0	0	0	0.0
21. Dr. M. K. Shrivastava, JNKVV, RARS, Sagar (M.P.)								
1256	JWS 510	0	0	0	0	0	0	0.0
1257	JWS 516	20S	0	0	0	0	20S	4.0
1258	JWS 517	0	0	0	10S	0	10S	2.0
1259	JWS 519	0	0	0	0	5S	5S	1.0
1260	JWS 604	0	0	0	0	0	0	0.0
1260. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1261	JWS 607	10MR	0	TS	10S	0	10S	3.0
1262	JWS 612	60S	0	60S	60S	20S	60S	40.0
1263	JWS 618	20S	0	TS	5MS	10S	20S	7.0
1264	JWS 733	0	0	0	0	0	0	0.0
1265	JWS 810	20S	0	0	5S	0	20S	5.0
22. Dr. V. K. Mishra, BHU, Varanasi								
1266	HUWL-1511	0	10S	0	0	0	10S	2.0
1267	HUWL-1512	0	5MS	0	0	0	5MS	0.8
1268	HUWL-1513	0	0	0	TMS	0	TMS	0.2
1269	HUWL-1514	40S	0	0	15S	10S	40S	13.0
1270	HUWL-1515	20S	0	0	0	10S	20S	6.0
1271	HUWL-1516	0	0	0	0	0	0	0.0
1272	HUWL-1517	0	0	0	0	0	0	0.0
1273	HUWL-1518	10MR	5MR	0	0	0	10MR	1.2
1274	HUWL-1519	0	0	0	0	0	0	0.0
1275	HUWL-1520	0	20S	0	0	0	20S	4.0
1276	HUWL-1521	0	30S	0	TMS	0	30S	6.2

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1277	HUWL-1522	60S	0	0	5S	0	60S*	13.0
1278	HUWL-1523	40S	40S	0	0	0	40S	16.0
1279	HUWL-1524	0	0	0	0	0	0	0.0
1280	HUWL-1525	0	0	0	0	0	0	0.0
1280. A	INFECTOR	60S	90S	60S	90S	40S	90S	68.0
1281	HUWL-1526	0	0	0	0	0	0	0.0
1282	HUWL-1527	0	0	0	10S	0	10S	2.0
1283	HUWL-1528	0	0	0	0	0	0	0.0
1284	HUWL-1529	0	20MR	0	0	0	20MR	1.6
1285	HUWL-1530	40S	40S	0	15S	0	40S	19.0
1286	HUWL-1531	20S	0	0	0	5S	20S	5.0
1287	HUWL-1532	10S	0	0	15S	10S	15S	7.0
1288	HUWL-1533	0	0	0	TMR	0	TMR	0.1
1289	HUWL-1534	0	0	0	0	0	0	0.0
1290	HUWL-1535	0	0	0	5MS	0	5MS	0.8
1291	HUWL-1536	10S	0	10S	TMR	0	10S	4.1
1292	HUWL-1537	0	0	10S	0	20S	20S	6.0
1293	HUWL-1538	10S	0	0	0	0	10S	2.0
1294	HUWL-1539	0	0	0	0	0	0	0.0
1295	HUWL-1540	0	0	0	0	0	0	0.0
1296	HUWL-1541	0	0	0	0	0	0	0.0
1297	HUWL-1542	0	0	0	0	0	0	0.0
1298	HUWL-1543	0	0	0	0	0	0	0.0
1299	HUWL-1544	0	0	0	5S	0	5S	1.0
1300	HUWL-1545	0	10MR	0	-	0	10MR	1.0
1300. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1301	HUWL-1546	10MR	0	0	15S	0	15S	3.8
1302	HUWL-1547	0	0	0	TMS	40S	40S*	8.2
1303	HUWL-1548	60S	0	0	0	40S	60S	20.0
1304	HUWL-1549	0	0	0	0	20S	20S	4.0
1305	HUWL-1550	0	0	TS	0	0	TS	0.2
1306	HUWL-1551	0	0	0	TS	0	TS	0.2
1307	HUWL-1552	0	0	0	20S	0	20S	4.0
1308	HUWL-1553	0	0	TS	TMS	0	TS	0.4
1309	HUWL-1554	0	0	0	0	0	0	0.0
1310	HUWL-1555	0	0	0	5MR	0	5MR	0.4
23. Dr. Vinod Singh, NDU&T, Faizabad (UP)								
1311	NW 6098	0	0	0	0	0	0	0.0
1312	NW 6099	10MR	0	0	10MS	0	10MS	2.4
1313	NW 7000	0	0	0	0	0	0	0.0
1314	NW 7001	0	0	0	0	0	0	0.0
1315	NW 7002	0	0	0	0	0	0	0.0
1316	NW 7003	0	0	0	0	0	0	0.0
1317	NW 7004	0	0	0	0	0	0	0.0
1318	NW 7005	0	0	0	0	0	0	0.0
1319	NW 7006	0	0	0	0	0	0	0.0
1320	NW 7007	0	10S	0	0	0	10S	2.0
1320. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1321	NW 7008	0	0	0	0	0	0	0.0
1322	NW 7009	0	0	0	TMS	10S	10S	2.2
1323	NW 7010	0	0	TS	TMR	0	TS	0.3
1324	NW 7011	0	60S	0	0	0	60S*	12.0
1325	NW 7012	0	0	0	0	0	0	0.0
1326	NW 7013	0	0	0	0	0	0	0.0

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1327	NW 7014	0	5MS	0	0	0	5MS	0.8
1328	NW 7015	0	0	0	0		0	0.0
1329	NW 7016	0	0	0	0	0	0	0.0
1330	NW 7017	0	0	0	0	0	0	0.0
1331	NW 7018	20MR	0	0	TMS	0	20MR	1.8
1332	NW 7019	20S	0	0	0	0	20S	4.0
1333	NW 7020	0	0	0	5MS	0	5MS	0.8
1334	NW 7021	20S	0	0	5S	0	20S	5.0
1335	NW 7022	0	0	0	TS	0	TS	0.2
1336	NW 7023	0	0	0	0	0	0	0.0
1337	NW 7024	60S	0	0	20S	0	60S	16.0
1338	NW 7025	0	0	0	0	20S	20S	4.0
1339	NW 7026	60S	0	0	10MS	0	60S	13.6
1340	NW 7027	0	0	0	5MS	0	5MS	0.8
1340. A	INFECTOR	60S	90S	60S	80S	60S	90S	70.0
24. Dr. Arvind Kumar, CSSRI, Karnal								
1341	KRL 370	0	0	0	0	0	0	0.0
1342	KRL 371	0	0	0	0	0	0	0.0
1343	KRL 372	0	0	0	0	0	0	0.0
1344	KRL 373	0	0	0	0	0	0	0.0
1345	KRL 374	0	0	0	0	0	0	0.0
1346	KRL 375	0	0	0	0	0	0	0.0
1347	KRL 376	0	10MS	0	0	0	10MS	1.6
1348	KRL 377	0	0	0	0	10S	10S	2.0
1349	KRL 378	0	0	0	0	0	0	0.0
1350	KRL 379	0	0	0	10MS	0	10MS	1.6
1351	KRL 380	0	0	0	0	0	0	0.0
1352	KRL 381	0	0	5S	0	0	5S	1.0
1353	KRL 382	0	0	0	0	0	0	0.0
1354	KRL 383	0	0	0	0	0	0	0.0
1355	KRL 384	0	0	0	0	0	0	0.0
1356	KRL 385	0	0	0	0	0	0	0.0
1357	KRL 386	0	0	0	0	0	0	0.0
1358	KRL 387	0	0	0	0	0	0	0.0
1359	KRL 388	0	0	0	0	20S	20S	4.0
1360	KRL 389	0	0	0	0	0	0	0.0
1360. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
25. Incharge Wheat Section, Punjab Agricultural University, Ludhiana								
1361	DW 522	10MR	0	0	5MR	0	10MR	1.2
1362	DW 523	10MR	0	0	5MR	0	10MR	1.2
1363	DW 524	10MR	0	0	5MS	0	5MS	1.6
1364	DW 525	10MR	5MR	5S	5MR	0	5S	2.6
1365	DW 526	10MR	0	0	5MR	0	10MR	1.2
1366	DW 527	10MR	0	10S	5MS	0	10S	3.6
1367	DW 528	10MR	0	0	10MS	0	10MS	2.4
1368	DW 529	10MR	0	20S	TMR	0	20S	4.9
1369	DW 530	10MR	0	0	10MR	0	10MR	1.6
1370	DW 531	10MR	0	0	5MR	0	10MR	1.2
1371	DW 532	10MR	10MS	10S	15MS	0	15MS	6.8
1372	DW 533	10MR	0	0	10MS	0	10MS	2.4
1373	DW 534	10MR	10MR	0	5MS	0	5MS	2.4
1374	DW 535	10MR	0	0	5MR	0	10MR	1.2
1375	DW 536	10MR	0	0	5MR	0	10MR	1.2
1376	DW 537	10MR	0	0	5MR	0	10MR	1.2
1377	DW 538	10MR	0	0	5MR	0	10MR	1.2

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1378	DW 539	10MR	0	0	TMR	0	10MR	0.9
1379	DW 540	10MR	0	0	TMR	0	10MR	0.9
1380	DW 541	10MR	10MR	0	5MR	0	10MR	2.0
1380. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1381	T - 3868	0	0	0	0	0	0	0.0
1382	T - 3895	0	0	0	0	0	0	0.0
1383	T - 3902	0	5MS	0	0	0	5MS	0.8
1384	T - 3937	0	0	10MS	0	0	10MS	1.6
1385	T - 3940	0	0	0	0	0	0	0.0
1386	T - 3949	0	0	0	0	0	0	0.0
1387	T - 3974	0	0	0	0	0	0	0.0
1388	T - 3975	0	0	0	0	0	0	0.0
1389	T - 3977	0	0	0	0	0	0	0.0
1390	T - 3983	0	0	0	0	0	0	0.0
26. Dr. R. S. Shukla, JNKVV, Jabalpur (MP)								
1391	MP 3468	0	0	0	0	0	0	0.0
1392	MP 3469	0	0	0	5MS	0	5MS	0.8
1393	MP 3470	0	0	0	10MS	0	10MS	1.6
1394	MP 3471	0	0	10S	0	0	10S	2.0
1395	MP 3472	20S	60S	0	5MS	0	60S	16.8
1396	MP 3473	10MS	0	0	5MS	0	10MS	2.4
1397	MP 3474	20S	10MR	30S	0	0	30S	10.8
1398	MP 3475	0	0	0	0	0	0	0.0
1399	MP 3476	40S	0	0	5S	0	40S*	9.0
1400	MP 3477	20S	0	0	TMS	0	20S	4.2
1400. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1401	MP 3478	0	10MR	0	TMS	20S	20S	5.0
1402	MP 3479	0	0	0	0	10S	10S	2.0
1403	MP 3480	0	10MR	0	5MR	0	10MR	1.2
1404	MP 3481	40S	80S	0	5S	40S	80S	33.0
1405	MP 3482	0	0	0	5S	0	5S	1.0
1406	MP 3483	0	5MR	0	TS	0	5MR	0.6
1407	MP 3484	40S	10S	0	30S	0	40S	16.0
1408	MP 3485	0	0	0	5MS	0	5MS	0.8
1409	MP 3486	0	0	0	0	0	0	0.0
1410	MP 3487	0	0	0	0	0	0	0.0
27. Wheat Breeder, CCS HAU, Hisar, Haryana.								
1411	P - 12074	10S	10MR	0	5MR	0	10S	3.2
1412	P - 13438	0	10MR	0	0	0	10MR	0.8
1413	P - 13439	0	20MS	20S	0	0	20S	7.2
1414	P - 13442	0	5MR	0	0	0	5MR	0.4
1415	P - 13443	0	0	0	TMS	0	TMS	0.2
1416	P - 13333	0	0	10S	0	0	10S	2.0
1417	P - 13334	0	0	0	0	0	0	0.0
1418	P - 13343	0	0	0	0	0	0	0.0
1419	P - 13344	10MS	10MR	0	0	0	10MS	2.4
1420	P - 13347	0	0	0	0	0	0	0.0
1420. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1421	P - 13349	20S	0	0	0	0	20S	4.0
1422	P - 13354	10S	0	0	0	0	10S	2.0
1423	P - 13355	0	0	0	0	0	0	0.0
1424	P - 13361	0	0	0	TMS	0	TMS	0.2
1425	P - 13362	20S	10MR	5S	5MS	20S	20S	10.6
1426	P - 13373	0	0	0	0	0	0	0.0
1427	P - 13380	0	0	0	0	0	0	0.0
1428	P - 13381	0	0	0	0	0	0	0.0
1429	P - 13384	0	0	0	0	0	0	0.0
1430	P - 13386	0	0	10S	0	0	10S	2.0
1431	P - 13393	0	0	0	0	0	0	0.0
1432	P - 13394	0	0	0	0	0	0	0.0
1433	P - 13401	0	0	20S	0	0	20S	4.0
1434	P - 13403	10MR	0	0	0	0	10MR	0.8
1435	P - 13405	0	0	0	0	20S	20S	4.0
1436	P - 13421	0	0	0	TMS	0	TMS	0.2
1437	P - 13426	0	5MS	0	5S	0	5S	1.8
1438	P - 13465	0	0	30S	5MR	0	30S	6.4
1439	P - 13467	0	0	0	0	0	0	0.0
1440	P - 13468	TR	0	0	0	0	TR	0.0
1440. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1441	P - 12201	40S	30S	0	5S	20S	40S	19.0
1442	P - 12294	40S	0	0	0	0	40S*	8.0
1443	P - 12323	0	0	0	0	0	0	0.0
1444	P - 12343	0	0	0	0	0	0	0.0
1445	P - 12399	0	0	0	0	10S	10S	2.0
1446	P - 12501	10MR	-	0	15S	0	15S	4.8
1447	P - 12502	020S	-	10S	TMS	20S	20S	10.3
1448	P - 12505	0	-	0	15S	0	15S	3.8
1449	P - 12506	0	20S	0	10MS	0	20S	5.6
1450	P - 12013	0	0	0	0	0	0	0.0
1451	P - 12334	0	0	0	0	0	0	0.0
1452	P - 12539	0	0	5S	0	0	5S	1.0
1453	P - 12714	10MR	0	0	0	0	10MR	0.8
1454	P - 12883	0	0	0	0	0	0	0.0
1455	P - 12908	10MR	40S	0	0	20S	40S	12.8
1456	P - 13482	40S	5MR	10S	20S	10S	40S	16.4
1457	P - 13331	10MR	10S	0	10S	0	10S	4.8
1458	P - 13338	0	0	0	0	0	0	0.0
1459	P - 13339	0	0	0	TMS	0	TMS	0.2
1460	P - 13345	40S	0	0	5MR	40S	40S	16.4
1460. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1461	P - 13348	0	0	10S	0	20S	20S	6.0
1462	P - 13472	10S	0	0	5S	20S	20S	7.0
1463	P - 13494	10MR	0	0	0	0	10MR	0.8
1464	P - 13495	0	0	TS	0	0	TS	0.2
1465	P - 13496	0	0	0	TMS	5S	5S	1.2
1466	P - 12706	0	0	0	TMS	0	TMS	0.2
1467	P - 12990	0	0	TS	0	0	TS	0.2
1468	P - 13320	40S	0	0	5MR	0	40S*	8.4
1469	P - 13327	0	0	0	0	0	0	0.0
1470	P - 13601	60S	0	0	10S	10S	60S	16.0
1471	P - 13602	10MR	0	0	40S	20S	40S	12.8
1472	P - 13603	0	0	0	TMS	0	TMS	0.2
1473	P - 13604	0	0	0	0	0	0	0.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1474	P - 13605	20S	20MR	0	TMS	0	20S	5.8
1475	P - 13606	10MR	0	0	10S	0	10S	2.4
1476	P - 4115	10S	10S	0	30S	10S	30S	12.0
1477	P - 4116	10S	0	20S	0	0	20S	6.0
1478	P - 4176	0	0	0	0	0	0	0.0
1479	P - 4177	0	0	0	0	0	0	0.0
1480	P - 4178	10S	0	0	0	0	10S	2.0
1480. A	INFECTOR	60S	90S	80S	70S	40S	90S	68.0
1481	P - 4181	0	0	0	0	0	0	0.0
1482	P - 4182	0	0	0	0	0	0	0.0
1483	P - 4183	0	0	0	0	0	0	0.0
1484	P - 4188	10MR	0	0	5MS	0	5MS	1.6
1485	P - 4190	0	0	0	0	0	0	0.0
1486	P - 4194	0	0	0	0	0	0	0.0
1487	P - 4195	0	0	0	0	0	0	0.0
1488	P - 4196	0	0	0	TMR	0	TMR	0.1
1489	P - 4199	0	0	10S	0	0	10S	2.0
1490	P - 4201	0	0	0	0	0	0	0.0
1491	P - 4202	10S	0	0	0	0	10S	2.0
1492	P - 4204	0	0	0	0	0	0	0.0
1493	P - 4205	0	0	10S	0	0	10S	2.0
1494	P - 4209	0	20S	0	0	0	20S	4.0
1495	P - 4210	0	5MR	0	0	0	5MR	0.4
1496	P - 4211	0	0	TS	TMR	40S	40S*	8.3
1497	P - 4215	0	30S	0	0	0	30S	6.0
1498	P - 4217	0	0	0	0	0	0	0.0
1499	P - 4222	0	0	0	0	0	0	0.0
1500	P - 4223	0	0	60S	0	20S	60S	16.0
1500. A	INFECTOR	60S	90S	0	80S	40S	90S	54.0
1501	P - 4226	0	20S	0	0	0	20S	4.0
1502	P - 9004	0	0	0	0	0	0	0.0
1503	P - 9062	0	0	0	0	20S	20S	4.0
1504	P - 9095	0	0	0	0	0	0	0.0
1505	P - 9128	0	0	0	0	0	0	0.0
1506	P - 9129	0	0	0	0	0	0	0.0
1507	P - 9130	0	0	0	0	0	0	0.0
1508	P - 9145	0	0	0	TMS	0	TMS	0.2
1509	P - 7985	0	0	0	0	0	0	0.0
1510	P - 8005	10MR	5MR	20S	0	0	20S	5.2
1511	P - 8092	10MR	0	0	10MR	0	10MR	1.6
1512	P - 8151	10MR	0	10S	TS	0	10S	3.0
1513	P - 8154	10MR	0	0	5MS	0	5MS	1.6
1514	P - 8155	10MR	0	0	-	0	10MR	1.0
1515	P - 8156	10MR	0	30S	TMR	0	30S	6.9
1516	P - 8157	10MR	10MR	0	0	0	10MR	1.6
1517	P - 8158	10MR	20S	0	5MR	0	20S	5.2
1518	P - 8159	10MR	5MR	0	10MR	0	10MR	2.0
1519	P - 8160	10MR	0	0	0	0	10MR	0.8
1520	P - 8161	10MR	0	0	0	0	10MR	0.8
1520. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1521	P - 8162	10MR	5MR	0	0	0	10MR	1.2
1522	WH 1315	0	0	0	0	0	0	0.0
1523	WH 1316	10MR	0	0	20S	0	20S	4.8
1524	WH 1317	0	0	0	TMS	0	TMS	0.2

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1525	WH 1318	0	0	0	0	0	0	0.0
1526	WH 1319	0	0	0	5MS	0	5MS	0.8
28. Dr. V. D. Salunke, Wheat and Maize Reseach Unit, Parbhani								
1527	PBN 4888	10MR	0	0	5S	0	5S	1.8
1528	PBN 3958	60S	0	5S	0	40S	60S	21.0
1529	PBN 4357	40S	0	10S	15S	0	40S	13.0
1530	PBND 5128	0	0	0	10MR	0	10MR	0.8
1531	PBND 5112	10MR	40S	0	5MS	0	40S	9.6
29. Dr. A. K. Singh, Bihar Agricultural College, Sabour, Bhagalpur								
1532	BRW 937	0	30S	0	0	0	30S	6.0
1533	BRW 960	0	0	0	TMS	0	TMS	0.2
1534	BRW 962	0	0	0	TMS	0	TMS	0.2
1535	BRW 963	10MR	0	0	TMR	0	10MR	0.9
1536	BRW 977	60S	0	0	0	0	60S	12.0
1537	BRW 979	20MR	0	0	5S	0	20MR	2.6
1538	BRW 980	60S	0	0	10S	5S	60S	15.0
30. Officer In-charge, ARS Washim								
1539	WSM 109-4	40S	0	0	15S	0	40S	11.0
1540	WSM 131-2	40S	0	0	0	0	40S*	8.0
1540. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1541	WSM 138	0	0	0	0	0	0	0.0
1542	WSM 141-1	60S	0	0	0	0	60S*	12.0
1543	WSM 266-6	10S	10MR	0	TMR	0	10S	2.9
1544	WSM 180	60S	0	0	0	60S	60S	24.0
31. Dr. Nitish De, Bihar Agricultural College, Sabour, Bhagalpur								
1545	BRW 3788	0	0	0	0	0	0	0.0
1546	BRW 3789	0	0	0	0	0	0	0.0
1547	BRW 3790	0	0	0	0	0	0	0.0
1548	BRW 3791	0	0	30S	0	0	30S	6.0
1549	BRW 3792	0	0	0	0	0	0	0.0
1550	BRW 3793	0	20S	20S	0	20S	20S	12.0
1551	BRW 3794	10S	0	0	0	0	10S	2.0
1552	BRW 3795	60S	0	0	0	20S	60S	16.0
1553	BRW 3796	0	0	20S	0	40S	40S	12.0
1554	BRW 3797	0	0	0	0	0	0	0.0
1555	BRW 3798	0	0	0	0	0	0	0.0
1556	BRW 3799	0	0	20S	0	0	20S	4.0
1557	BRW 3800	0	0	0	0	0	0	0.0
1558	BRW 3801	0	0	0	0	0	0	0.0
1559	BRW 3802	60S	0	10S	10S	40S	60S	24.0
1560	BRW 3803	10MR	0	0	-	0	10MR	1.0
1560. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1561	BRW 3804	0	10MR	0	0	0	10MR	0.8
1562	BRW 3805	0	0	0	-	0	0	0.0
1563	BRW 3806	0	0	30S	-	0	30S	7.5
1564	BRW 3807	0	0	0	0	40S	40S*	8.0
32. Dr. Surya Prakash, BAU, Kanke, Ranchi								
1565	JKW-231	0	10S	0	0	0	10S	2.0
1566	JKW-232	10MR	0	0	0	10S	10S	2.8
1567	JKW-233	0	0	0	0	0	0	0.0
1568	JKW-234	0	0	0	0	0	0	0.0
1569	JKW-235	0	0	0	0	5S	5S	1.0
1570	JKW-236	0	0	0	0	0	0	0.0
1571	JKW-237	0	0	10S	0	0	10S	2.0

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1572	JKW-238	0	0	0	0	0	0	0.0
1573	JKW-239	0	5MR	0	0	0	5MR	0.4
1574	JKW-240	0	0	20S	TMR	0	20S	4.1
1575	JKW-241	0	0	0	0	0	0	0.0
1576	JKW-242	0	0	0	0	0	0	0.0
1577	JKW-243	60S	0	20S	0	0	60S	16.0
1578	JKW-244	0	0	0	0	0	0	0.0
1579	JKW-245	0	0	0	0	0	0	0.0
33. Dr. Saikat Das, UBKV, Pundibari, Coochbehar (WB)								
1580	UBKV 2015-11	20S	0	0	0	0	20S	4.0
1580. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1581	UBKV 2015-12	0	0	0	0	0	0	0.0
1582	UBKV 2015-13	0	0	0	5S	0	5S	1.0
1583	UBKV 2015-14	0	0	0	0	0	0	0.0
1584	UBKV 2015-15	0	0	0	0	0	0	0.0
1585	UBKV 2015-16	10MS	0	0	0	0	10MS	1.6
1586	UBKV 2015-17	0	30S	10S	10S	0	30S	10.0
1587	UBKV 2015-18	20MS	0	0	TMR	0	20MS	4.1
1588	UBKV 2015-19	0	0	0	0	0	0	0.0
1589	UBKV 2015-20	0	0	20S	0	0	20S	4.0
1590	UBKV 2015-21	10MR	0	0	0	0	10MR	0.8
1591	UBKV 2015-22	0	0	0	0	0	0	0.0
1592	UBKV 2015-23	0	0	20S	0	0	20S	4.0
1593	UBKV 2015-24	0	0	0	0	0	0	0.0
1594	UBKV 2015-25	0	0	0	0	20S	20S	4.0
34. Wheat Breeder, University of Agricultural Sciences, Dharwad.								
1595	UASD 1501	0	0	0	0	0	0	0.0
1596	UASD 1502	0	0	0	5MR	0	5MR	0.4
1597	UASD 1503	0	0	0	5MR	0	5MR	0.4
1598	UASD 1504	0	0	0	0	0	0	0.0
1599	UASD 1505	0	0	0	0	10S	10S	2.0
1600	UASD 1506	0	0	0	0	0	0	0.0
1600. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1601	UASD 1507	0	0	0	0	10S	10S	2.0
1602	UASD 1508	0	0	0	0	0	0	0.0
1603	UASD 1509	0	0	TS	TMR	0	TS	0.3
1604	UASD 1510	0	0	0	0	0	0	0.0
1605	UASD 1511	0	0	0	5MS	10S	10S	2.8
1606	UASD 1512	0	0	0	10S	5S	10S	3.0
1607	UASD 1513	0	0	0	0	5S	5S	1.0
1608	UASD 1514	0	0	0	0	0	0	0.0
1609	UASD 1515	0	0	0	0	0	0	0.0
1610	UASD 1516	0	0	0	0	0	0	0.0
1611	UASD 1517	0	0	0	TMS	0	TMS	0.2
1612	UASD 1518	0	0	0	5MS	10S	10S	2.8
1613	UASD 1519	0	0	0	0	10S	10S	2.0
1614	UASD 1520	0	10MR	0	5MR	0	10MR	1.2
1615	UASD 1521	0	0	0	5S	0	5S	1.0
1616	UASD 1522	0	0	10S	5MR	5S	10S	3.4
1617	UASD 1523	0	0	10S	0	0	10S	2.0
1618	UASD 1524	0	0	0	0	0	0	0.0
1619	UASD 1525	0	0	0	TMR	10S	10S	2.1
1620	UASD 1526	0	0	0	0	0	0	0.0
1620. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1621	UASD 1527	0	0	0	0	0	0	0.0



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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1622	UASD 1528	0	0	0	0	0	0	0.0
1623	UASD 1529	0	0	0	0	0	0	0.0
1624	UASD 1530	10MR	0	0	0	0	10MR	0.8
1625	UASD 1531	0	0	0	TMR	0	TMR	0.1
1626	UASD 1532	0	0	0	0	0	0	0.0
1627	UASD 1533	10MR	0	0	5MR	0	10MR	1.2
1628	UASD 1534	10MR	0	0	0	0	10MR	0.8
1629	UASD 1535	10MR	0	0	15MS	0	15MS	3.2
1630	UASD 1536	10MR	5MR	0	15MS	0	15MS	3.6
1631	UASD 1537	10MR	0	0	5MS	0	5MS	1.6
1632	UASD 1538	10MR	0	0	5MR	0	10MR	1.2
1633	UASD 1539	10MR	0	0	0	0	10MR	0.8
1634	UASD 1540	10MR	0	0	0	0	10MR	0.8
1635	UASD 1541	10MR	0	TS	0	0	10MR	1.0
1636	UASD 1542	0	0	TS	0	0	TS	0.2
1637	UASD 1543	0	0	TS	0	0	TS	0.2
1638	UASD 1544	0	0	TS	0	0	TS	0.2
1639	UASD 1545	0	0	0	0	0	0	0.0
1639. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
35. Dr. K. K. Mishra, JNKVV, ZARS, Powarkheda (MP)								
1640	MP 16-01	10MR	10MR	0	0	0	10MR	1.6
1641	MP 16-02	0	0	0	0	0	0	0.0
1642	MP 16-03	0	0	0	0	0	0	0.0
1643	MP 16-04	0	0	0	0	0	0	0.0
1644	MP 16-05	0	0	0	-	0	0	0.0
1645	MP 16-06	0	0	0	0	0	0	0.0
1646	MP 16-07	0	0	0	TMR	0	TMR	0.1
1647	MP 16-08	20MR	0	0	0	0	20MR	1.6
1648	MP 16-09	0	0	0	0	0	0	0.0
1649	MP 16-10	0	0	0	0	0	0	0.0
1650	MP 16-11	0	0	0	0	10S	10S	2.0
1651	MP 16-12	0	0	10S	0	20S	20S	6.0
1652	MP 16-13	0	0	0	0	0	0	0.0
1653	MP 16-14	0	0	5S	0	0	5S	1.0
1654	MP 16-15	0	0	0	0	0	0	0.0
1655	MP 16-16	10S	0	0	10S	0	10S	4.0
1656	MP 16-17	0	0	10S	0	0	10S	2.0
1657	MP 16-18	10MR	0	0	5MR	0	10MR	1.2
1658	MP 16-19	20S	30S	0	0	0	30S	10.0
1659	MP 16-20	20S	0	0	0	0	20S	4.0
1660	MPO 16-21	10MR	0	0	0	0	10MR	0.8
1660. A	INFECTOR	60S	90S	60S	80S	40S	90S	66.0
1661	MPO 16-22	10MR	0	0	TMR	0	10MR	0.9
1662	MPO 16-23	10MR	5MR	0	10MR	0	10MR	2.0
1663	MPO 16-24	10MR	0	0	5MR	0	10MR	1.2
1664	MPO 16-25	10MR	0	0	-	0	10MR	1.0
1665	MPO 16-26	10MR	0	0	20MS	0	20MS	4.0
1666	MPO 16-27	10MR	10MR	0	TMR	0	10MR	1.7
1667	MPO 16-28	10MR	0	0	0	0	10MR	0.8
1668	MPO 16-29	20S	0	0	40S	0	40S	12.0
1669	MPO 16-30	10S	0	0	5MS	10S	10S	4.8
36. Dr. C.P. Singh, Lokbharti Gramvidyapith, Bhavnagar (Gujrat)								
1670	Lok 2015-1	0	0	20S	0	0	20S	4.0
1671	Lok 2015-2	0	0	0	0	0	0	0.0

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		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1672	Lok 2015-3	0	0	0	0	0	0	0.0
1673	Lok 2015-4	0	0	10S	0	0	10S	2.0
1674	Lok 2015-5	0	0	0	0	0	0	0.0
1675	Lok 2015-6	0	0	0	0	0	0	0.0
1676	Lok 2015-7	0	0	10S	0	0	10S	2.5
37. Dr. (Mrs) Indoo Bhagat, PAU Regional Station, Gurdaspur								
1677	WG 0046	0	0	0	0	0	0	0.0
1678	WG 0054	0	0	0	0	0	0	0.0
1679	WG 0062	20MR	0	TS	20S	0	20S	5.8
1680	WG 0072	0	0	TS	0	0	TS	0.2
1680. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1681	WG 0081	0	0	TS	0	0	TS	0.2
1682	WG 0101	0	0	0	0	0	0	0.0
1683	WG 0114	0	0	0	0	0	0	0.0
1684	WG 0120	0	0	0	0	0	0	0.0
1685	WG 0125	0	0	0	0	0	0	0.0
1686	WG 0132	0	0	10S	0	0	10S	2.0
1687	WG 0139	0	0	0	5MR	0	5MR	0.4
1688	WG 0185	0	0	0	0	0	0	0.0
1689	WG 0201	0	0	20S	0	0	20S	4.0
1690	WG 0212	0	0	0	0	0	0	0.0
1691	WG 0243	0	0	0	0	0	0	0.0
1692	WG 0259	0	0	0	0	0	0	0.0
1693	WG 0275	0	0	0	0	0	0	0.0
1694	WG 0286	0	0	0	0	0	0	0.0
1695	WG 0307	0	0	0	0	0	0	0.0
1696	WG 0312	0	0	0	0	0	0	0.0
1697	WG 0335	0	0	0	0	0	0	0.0
1698	WG 0344	0	0	0	0	0	0	0.0
1699	WG 0368	0	0	0	0	0	0	0.0
1700	WG 0380	0	0	0	0	0	0	0.0
1700. A	INFECTOR	60S	90S	80S	70S	40S	90S	68.0
1701	WGD 0388	10MR	0	0	0	0	10MR	0.8
1702	WGD 0434	10MR	0	0	0	0	10MR	0.8
1703	WGD 0441	10MR	0	0	5MR	0	10MR	1.2
1704	WGD 0448	10MR	0	0	0	0	10MR	0.8
1705	WGD 0453	10MR	0	0	0	0	10MR	0.8
1706	WGD 0490	10MR	0	0	TMS	0	10MR	1.0
38. Wheat Specialist, ARS, Niphad								
1707	NIAW 2030	0	0	TS	0	0	TS	0.2
1708	NIAW 2930	0	0	0	0	10S	10S	2.0
39. Dr. Saikat Das, UBKV, Pundibari, Cooch Behar (WB)								
1709	UBKV 2015-01	0	0	0	0	0	0	0.0
1710	UBKV 2015-02	0	0	0	0	0	0	0.0
1711	UBKV 2015-03	0	0	0	0	0	0	0.0
1712	UBKV 2015-04	0	0	0	0	0	0	0.0
1713	UBKV 2015-05	0	0	0	0	0	0	0.0
1714	UBKV 2015-06	0	0	0	0	0	0	0.0
1715	UBKV 2015-07	0	0	0	0	0	0	0.0
1716	UBKV 2015-08	0	0	0	0	0	0	0.0
1717	UBKV 2015-09	0	0	0	0	0	0	0.0
1718	UBKV 2015-10	10MR	0	TS	0	0	10MR	1.0
40. CIMMYT Material								
1719	6HPYT 403	0	0	0	0	5S	5S	1.0
1720	6HPYT 404	0	0	0	0	10S	10S	2.0
1720. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0

IPPSN - 2015-16 (LEAF RUST - NORTH)								
		Karnal	Delhi	Hisar	Durgapura	Ludhiana	HS	ACI
1721	6HPYT 405	0	0	0	0	0	0	0.0
1722	6HPYT 406	0	0	0	0	10S	10S	2.0
1723	6HPYT 407	0	0	0	0	0	0	0.0
1724	6HPYT 408	0	0	0	0	20S	20S	4.0
1725	6HPYT 409	0	0	0	0	0	0	0.0
1726	6HPYT 410	0	0	0	0	0	0	0.0
1727	6HPYT 411	10MR	0	10S	0	5S	10S	3.8
1728	6HPYT 412	0	0	0	0	0	0	0.0
1729	6HPYT 413	0	0	0	TMS	0	TMS	0.2
1730	6HPYT 414	0	0	10S	0	0	10S	2.0
1731	6HPYT 415	0	0	0	0	0	0	0.0
1732	6HPYT 416	0	0	0	0	0	0	0.0
1733	6HPYT 417	0	0	0	0	0	0	0.0
1734	6HPYT 418	0	0	20S	TMS	5S	20S	5.2
1735	6HPYT 419	0	0	0	0	0	0	0.0
1736	6HPYT 420	0	0	0	0	0	0	0.0
1737	6HPYT 421	0	0	0	0	0	0	0.0
1738	6HPYT 422	0	0	TS	0	0	TS	0.2
1739	6HPYT 423	0	0	0	0	10S	10S	2.0
1740	6HPYT 424	0	0	0	0	5S	5S	1.0
1740. A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0
1741	6HPYT 425	0	0	0	0	0	0	0.0
1742	6HPYT 426	0	0	0	0	20S	20S	4.0
1743	6HPYT 427	0	0	0	0	0	0	0.0
1744	6HPYT 428	0	0	0	0	0	0	0.0
1745	6HPYT 429	0	0	0	0	0	0	0.0
1746	6HPYT 430	0	0	0	0	10S	10S	2.0
1747	6HPYT 431	0	0	0	0	10S	10S	2.0
1748	6HPYT 432	0	0	0	0	5S	5S	1.0
1749	6HPYT 433	0	0	0	0	0	0	0.0
1750	6HPYT 434	0	0	10S	0	0	10S	2.0
1751	6HPYT 435	0	0	0	0	0	0	0.0
1752	6HPYT 436	0	0	0	0	0	0	0.0
1753	6HPYT 437	0	0	0	0	0	0	0.0
1754	6HPYT 438	0	0	0	0	0	0	0.0
1755	6HPYT 439	0	0	0	0	5S	5S	1.0
1756	6HPYT 440	0	0	10S	0	0	10S	2.0
1757	6HPYT 441	0	0	0	0	0	0	0.0
1758	6HPYT 442	0	0	0	0	10S	10S	2.0
1759	6HPYT 443	0	0	0	0	0	0	0.0
1760	6HPYT 444	0	0	10S	0	0	10S	2.0
1761	6HPYT 445	40S	0	0	0	20S	40S	12.0
1762	6HPYT 446	0	0	0	0	0	0	0.0
1763	6HPYT 447	0	0	10S	0	20S	20S	6.0
1764	6HPYT 448	0	0	0	0	0	0	0.0
1765	6HPYT 449	0	0	0	0	0	0	0.0
1766	6HPYT 450	0	0	0	0	20S	20S	4.0
1766 A	INFECTOR	60S	90S	80S	80S	40S	90S	70.0