

Annexure 3 : Adult plant response of NIVT material against yellow rust under field conditions (artificial inoculations) during 2013-14

S.No.	Entry	Dhaulakuan	Gurdaspur	Malan	Bajaura	Pantnagar	Karnal	Ludhiana	Jammu	Khudwani	HS	ACI
NIVT 1A												
1	PBW 708	0	5S	50S	30S	0	5S	20S	5MR	40S	50S	16.9
2	HD 3153	20S	5S	20S	0	TR	20S	10MS	20S	0	20S	10.4
3	DBW 137	0	10S	60S	80S	0	20S	20MS	0	30S	80S	24.0
4	DBW 140	0	10S	30MR	0	TS	40S	80S	40S	20MS	80S	22.1
5	NW 6029	0	5S	TR	30S	0	10S	10MS	0	20MS	30S	7.7
6	RAJ 4373	TR	40S	40S	40S	TR	20S	80S	40S	30S	80S	32.3
7	K 1302	0	10S	5S	20S	0	20S	20S	10S	40S	40S	13.9
8	NW 6036	0	10S	10S	0	0	40S	10MS	40S	15MR	40S	12.7
9	JKW 203	0	0	0	0	0	20S	0	0	0	20S	2.2
10	HUW 680	0	5S	40S	0	TS	20S	5MR	10S	0	40S	8.7
11	DBW 139	20S	80S	80S	80S	10S	60S	100S	80S	60S	100S	63.3
12	HUW 681	0	5MS	10S	20S	0	10S	20MS	10MR	20MS	20S	8.9
13	WH 1172	0	0	0	0	0	0	0	0	0	0	0.0
14	UP 2873	10S	5MS	40S	0	10S	20S	0	5S	0	40S	9.9
15	BRW 3750	0	0	10S	10MR	10S	5S	40S	20S	15MR	40S	10.6
16	BRW 3742	0	0	10MR	0	0	5S	10S	0	0	10S	2.1
17	HD 3158	20S	0	40S	5MR	TR	10S	60S	10S	30S	60S	19.1
18	HD 3151	TR	0	10S	5S	0	10S	0	0	20MS	20MS	4.6
19	UP 2874	40S	80S	60S	20S	40S	40S	100S	30S	70S	100S	53.3
20	JKW 193	0	0	10S	0	0	0	0	80S	30S	80S	13.3
20. A	INFECTOR	80S	80S	80S	100S	50S	80S	80S	80S	80S	100S	78.9
21	HD 3156	20S	5S	40S	0	0	0	0	20S	40S	40S	13.9
22	PBW 709	10S	5S	60S	0	0	10S	40S	5MR	0	60S	14.1
23	DBW 134	20S	5S	20MS	0	0	10MS	20S	60S	0	60S	14.3
24	RAJ 4376	0	5S	10S	0	TMR	0	10S	5S	0	10S	3.4
25	RAJ 4377	10S	60S	60S	20S	0	60S	80S	60S	60S	80S	45.6
26	DBW 138	0	0	10S	0	TMR	40S	40S	10MS	30S	40S	14.3
27	WH 1169	0	0	0	0	0	0	0	0	0	0	0.0
28	HD 3157	0	5MS	30MS	0	0	20S	10MS	0	30S	30S	9.6
29	WH 1168	5S	5MS	60S	15S	TR	20S	80S	60S	60S	80S	33.8
30	HD 3155	10S	0	40S	0	0	20MS	5MR	10MR	0	40S	8.0
31	RAJ 4375	0	0	20S	0	0	10S	20S	0	0	20S	5.6
32	RAJ 4374	20S	40S	60S	80S	TR	20MS	80S	60S	50S	80S	45.1
33	DBW 135	0	0	10S	0	0	5S	10S	0	0	10S	2.8
34	PBW 710	0	10MS	40S	0	0	5S	5S	20S	0	40S	8.7
35	WH 1170	0	10MS	40S	0	0	5MS	10S	10MS	0	40S	7.8
36	HD 3152	0	40S	40S	40S	0	40S	60S	80S	70S	80S	41.1
37	PBW 707	0	5MS	TMR	0	0	10S	5MR	5S	30S	30S	5.7
38	PBW 711	0	5S	20S	0	0	10S	10MS	5S	0	20S	5.3
39	HD 3154	0	5S	60S	20S	0	20S	60S	60S	30S	60S	28.3
40	K 1301	10S	5MS	40S	30S	0	10S	0	20S	20MS	40S	14.4
40. A	INFECTOR	80S	80S	80S	100S	50S	80S	80S	80S	80S	100S	78.9
41	UP 2875	0	0	40S	20S	0	40S	10S	5MR	20MS	40S	14.2
42	WH 1171	0	5MS	40S	5MR	0	20S	10MS	0	30S	40S	11.6
43	UP 2877	20S	20S	40S	20S	0	20S	80S	20MS	40S	80S	28.4
44	DBW 136	0	5S	30S	10S	0	20S	20MS	10MR	40S	40S	13.9
45	UP 2876	5S	20S	10MS	0	0	20S	80S	0	40S	80S	19.2
NIVT 1B	NIVT 1B											
46	BRW 3748	10S	5MS	30S	0	10S	10S	10MS	0	0	30S	8.0
47	DBW 143	0	40S	40S	15S	0	10S	40S	10S	30S	40S	20.6
48	HUW 686	0	10S	20S	10S	0	10S	40S	5S	30S	40S	13.9
49	DBW 145	20S	10S	10S	15S	0	10S	60MS	10MR	40S	60MS	17.4

S.No.	Entry	Dhaulakuan	Gurdaspur	Malan	Bajaura	Pantnagar	Karnal	Ludhiana	Jammu	Khudwani	HS	ACI
50	HUW 685	0	5S	20MS	0	0	10S	10MS	0	0	20MS	4.3
51	WH 1173	10S	5S	40S	0	0	20S	60S	20S	30S	60S	20.6
52	HD 3159	10S	10S	30MS	15S	0	20S	20MS	20S	40S	40S	17.2
53	HD 3162	40S	40S	40S	20S	0	20S	80S	60S	50S	80S	38.9
54	NW 6025	10S	5S	60S	10MR	TS	60S	80S	60S	40S	80S	35.6
55	NW 6023	10S	0	40S	20S	0	20S	40MS	10S	30S	40S	18.0
56	K 1306	20S	5S	60S	15S	40MS	40S	60S	60S	40S	60S	36.9
57	PBW 714	0	0	20S	0	0	0	0	5MR	15MR	20S	3.1
58	HD 3160	0	0	10MS	0	0	0	0	10MR	0	10MS	1.3
59	PBW 712	0	0	0	0	0	0	0	0	0	0	0.0
60	UP 2878	20S	60S	60S	30S	TR	60S	100S	0	0	100S	36.7
60. A	INFECTOR	80S	80S	80S	80S	40S	80S	80S	80S	60S	80S	73.3
61	WH 1175	0	0	5MR	0	0	10S	5MS	20S	0	20S	4.0
62	UP 2879	20S	80S	40S	40S	TR	60S	100S	60S	30S	100S	47.8
63	NW 6033	0	20S	20S	15S	0	20S	80S	5S	40S	80S	22.2
64	BRW 3743	0	5S	30MS	0	TR	10S	5MS	5MR	15MR	30MS	5.7
65	DBW 144	0	60S	20S	15S	TMR	40S	80S	20S	30S	80S	29.5
66	DBW 141	10S	5S	5MS	0	0	10S	60MS	5MS	20MS	60MS	10.8
67	DBW 142	10S	60S	60S	60S	0	60S	100S	80S	70S	100S	55.6
68	NW 6031	0	40S	40S	0	0	40S	40MS	30S	60S	60S	26.9
69	WH 1174	10S	0	10MS	0	0	20S	10MS	0	20MS	20S	6.9
70	KDW 2010	0	80S	60S	40S	5S	60S	100S	10MR	60S	100S	45.4
71	Ankur BW 249	10S	40MS	40S	60S	0	20S	100S	80S	60S	100S	44.7
72	BRW 3747	0	10S	10S	0	0	10S	40S	10MR	30S	40S	11.6
73	K 1305	5S	5S	60S	30S	0	20S	40MS	10MR	60S	60S	24.0
74	K 1304	10S	0	0	0	0	10S	0	0	20MS	20MS	4.0
75	PBW 713	0	5S	40S	80S	TS	10S	40S	0	50S	80S	25.1
76	HUW 682	0	40S	40S	60S	0	40S	60S	60S	50S	60S	38.9
77	HD 3161	10S	40S	10S	80S	TMR	40S	80S	5MR	50S	80S	34.7
78	UP 2880	20S	60S	30S	20S	40S	40S	80S	60S	50S	80S	44.4
79	K 1307	0	10S	20S	20S	0	40S	60S	10S	20MS	60S	19.6
80	HP 1956	0	60S	40S	40S	0	60S	100S	80S	80S	100S	51.1
80. A	INFECTOR	80S	80S	80S	80S	60S	80S	100S	80S	90S	100S	81.1
81	RAJ 4379	TR	0	20S	60S	0	0	TS	60S	30S	60S	19.0
82	NW 6028	TR	0	0	10S	0	10S	TS	40S	0	40S	6.8
83	RAJ 4378	20S	40S	20S	10S	0	40S	60S	60S	40S	60S	32.2
84	HUW 684	5S	10S	0	15S	0	40S	40S	0	20MS	40S	14.0
85	K 1308	0	60S	40S	30S	TMR	60S	80S	20MS	70S	80S	39.6
86	HI 1606	20S	60S	40S	30S	0	40S	80S	60S	70S	80S	44.4
87	HI 1599	40S	60S	60S	80S	TMR	80S	80S	60S	90S	90S	61.2
88	HP 1957	0	60S	60S	60S	15S	80S	80S	60S	90S	90S	56.1
89	HUW 683	20S	40S	20S	40S	0	20S	80S	60S	90S	90S	41.1
90	RAJ 4380	20S	0	5S	10MR	0	TR	0	60S	20MS	60S	11.7
NIVT 2												
91	HD 3164	0	40S	40S	80S	TMR	20S	60S	0	30S	80S	30.0
92	UAS 363	10S	5MS	40S	60S	0	40S	80S	20S	70S	80S	36.0
93	GW 463	5S	60S	20S	80S	20S	80S	100S	60S	90S	100S	57.2
94	RVW 4205	10S	60S	60S	60S	50S	40S	80S	60S	60S	80S	53.3
95	JWS 530	20S	60S	60S	80S	30S	80S	100S	80S	90S	100S	66.7
96	GW 461	40S	40S	80S	60S	70S	40S	60MS	40S	50S	80S	52.0
97	GW 459	10S	60S	10S	80S	5S	80S	100S	80S	70S	100S	55.0
98	UAS 361	20S	40S	60S	30S	30MS	20S	60S	0	70S	70S	36.0
99	GW 460	40S	60S	40S	80S	30S	60S	100S	80S	70S	100S	62.2
100	RAJ 4381	40S	60S	20S	30S	0	60S	80S	40S	50S	80S	42.2
100. A	INFECTOR	80S	80S	60S	100S	40S	80S	100S	80S	90S	100S	78.9

S.No.	Entry	Dhaulakuan	Gurdaspur	Malan	Bajaura	Pantnagar	Karnal	Ludhiana	Jammu	Khudwani	HS	ACI
101	RAJ 4382	10S	40MS	20MS	30S	0	40S	80S	0	50S	80S	28.7
102	UAS 362	20S	80S	30S	40S	0	80S	100S	60S	80S	100S	54.4
103	DBW 146	TR	80S	20S	60S	0	80S	100S	40S	90S	100S	52.2
104	HI 1600	40S	80S	60S	80S	0	60S	100S	80S	90S	100S	65.6
105	UAS 360	10S	40S	40S	5MR	0	60S	60S	0	30S	60S	26.9
106	MP 1296	40S	10MS	80S	30S	30MS	40S	80S	40S	70S	80S	45.8
107	MP 1297	10S	60S	60S	60S	-	80S	100S	60S	90S	100S	65.0
108	HI 1602	0	20S	40S	30S	-	40S	80S	80S	70S	80S	45.0
109	MACS 6640	10S	60S	60S	40S	-	80S	100S	80S	90S	100S	65.0
110	UP 2881	0	60S	40S	40S	-	60S	100S	0	70S	100S	46.3
111	HI 1601	0	80S	60S	60S	-	60S	100S	80S	90S	100S	66.3
112	MP 3421	20S	80S	40S	80S	15S	60S	100S	40S	90S	100S	58.3
113	HI 1603	0	10S	40S	5S	0	20S	10MS	20MS	60S	60S	17.7
114	GW 458	20S	80S	60S	80S	20MS	60S	100S	60S	90S	100S	62.9
115	PBW 715	0	10S	20MS	40S	0	0	60S	10MR	40S	60S	18.9
116	LOK 72	0	0	40S	15S	10S	0	0	40S	30S	40S	15.0
117	MP 1298	5S	0	20S	40S	0	60S	0	40S	30S	60S	21.7
118	MACS 6632	40S	10S	40S	30S	40S	20S	40S	10MR	30S	40S	28.2
119	AKAW 4730	10S	60S	20S	60S	TMR	60S	100S	20MS	50S	100S	41.8
120	NIAW 2345	0	10S	30S	20S	0	40S	100S	40S	60S	100S	33.3
120. A	INFECTOR	80S	80S	60S	100S	-	80S	100S	80S	100S	100S	85.0
121	K 1310	0	5S	40S	30S	0	10S	20S	10S	30S	40S	16.1
122	CG 1014	20S	60S	60S	60S	10S	60S	100S	80S	60S	100S	56.7
123	WH 1176	0	5S	20MS	0	0	20MS	5MR	0	30S	30S	7.7
124	NIAW 2313	0	20S	40S	10S	0	40S	60S	20MS	80S	80S	29.6
NIVT - 3	NIVT 3											
125	HD 3170	0	60S	40S	60S	TMR	40S	80S	0	80S	80S	40.0
126	GW 465	60S	20MS	80S	40S	10S	40S	80S	80S	50S	80S	50.7
127	RVW 4204	20S	60S	60S	60S	TMR	20S	100S	60S	80S	100S	51.2
128	HD 3167	20S	5S	40S	0	TMR	60S	20MS	40S	70S	70S	27.9
129	HD 3169	0	60S	60S	40S	0	60S	80S	20MS	70S	80S	42.9
130	UAS 364	20S	20MS	30S	0	TMR	40S	40MS	20MS	40S	40S	21.6
131	PBW 718	0	0	20S	0	5S	10S	5MS	10MS	0	20S	5.2
132	PBW 716	0	0	40S	30S	0	20S	10S	20S	50S	50S	18.9
133	WH 1178	0	10S	60S	30S	0	60S	40S	60S	50S	60S	34.4
134	WH 1179	TR	0	30S	0	TMS	0	0	10MS	0	30S	4.3
135	HI 1604	0	0	TR	0	0	10MR	0	0	0	10MR	0.5
136	GW 467	40S	40S	30S	40S	TMR	20S	100S	60S	70S	100S	44.5
137	RAJ 4385	5S	40S	40S	40S	0	40S	60S	60S	80S	80S	40.6
138	K 1313	0	5S	30S	10S	0	10S	60S	40S	0	60S	17.2
139	DBW 148	0	5S	30S	5MR	0	10MR	60S	0	0	60S	11.2
140	UP 2884	5S	60S	40S	15S	0	60S	80S	0	30S	80S	32.2
140. A	INFECTOR	80S	80S	60S	80S	50S	80S	100S	80S	90S	100S	77.8
141	DBW 151	5S	10S	40S	20S	5S	20S	60S	20S	30S	60S	23.3
142	MP 1299	40S	80S	80S	80S	10S	60S	100S	60S	80S	100S	65.6
143	UP 2885	0	80S	60S	60S	0	80S	100S	40S	80S	100S	55.6
144	HUW 688	0	0	40S	40S	0	10S	5S	10S	30S	40S	15.0
145	HI 8756 (d)	0	20S	40S	40S	0	20S	60S	0	30S	60S	23.3
146	WH 1177	0	40S	40S	30S	0	40S	80S	60S	50S	80S	37.8
147	NW 6024	0	0	20S	0	0	10MS	0	10MR	30S	30S	6.9
148	UP 2882	0	80S	60S	60S	TMS	40S	100S	40S	100S	100S	53.4
149	RAJ 4384	0	80S	60S	20S	0	80S	100S	40S	50S	100S	47.8
150	MP 3420	10S	80S	60S	60S	0	40S	100S	60S	50S	100S	51.1
151	UP 2883	0	20S	40S	15S	0	40S	40MS	0	20MS	40S	18.1
152	DBW 147	20S	10S	40S	10S	0	20S	40MS	0	0	40S	14.7

S.No.	Entry	Dhaulakuan	Gurdaspur	Malan	Bajaura	Pantnagar	Karnal	Ludhiana	Jammu	Khudwani	HS	ACI
153	MP 1300	0	5S	60S	30S	TMR	60S	20MS	20MS	50S	60S	26.4
154	PBW 717	10S	5S	60S	40S	0	60S	20S	30S	40S	60S	29.4
155	AKAW 4843	60S	80S	80S	80S	60S	80S	100S	60S	90S	100S	76.7
156	K 1312	0	0	0	0	0	TS	0	10MR	20MS	20MS	2.3
157	CG 1015	20S	60S	60S	40S	TMR	60S	100S	60S	50S	100S	50.0
158	BRW 967	0	40S	20S	5S	TMS	20S	80S	40S	50S	80S	28.4
159	K 1314	10S	0	20S	0	TR	20S	5MS	10S	0	20S	7.1
160	HUW 687	0	40S	20S	30S	TMR	40S	100S	0	60S	100S	32.3
160. A	INFECTOR	80S	80S	80S	100S	40S	80S	100S	80S	90S	100S	81.1
161	HD 3166	40S	80S	80S	60S	60S	60S	100S	20MS	80S	100S	64.0
162	HD 3168	0	5S	40S	20S	0	60S	20MS	10MS	50S	60S	22.1
163	HD 3165	0	5S	40S	5MR	5S	10S	20MS	0	30S	40S	12.0
164	RAJ 4383	0	20MS	20S	20S	0	20MS	60S	60S	30S	60S	24.7
165	NIAW 2304	60S	80S	80S	60S	60S	80S	100S	80S	60S	100S	73.3
166	GW 466	20S	40MS	60S	80S	30MS	60S	100S	60S	70S	100S	56.2
167	DBW 150	0	10S	40S	30S	0	20S	40S	0	30S	40S	18.9
168	DBW 149	0	0	0	0	0	10MR	5S	0	30S	30S	4.3
169	PBW 719	0	5S	0	0	0	10S	40S	0	20MS	40S	7.9
NIVT - 4	NIVT 4											
170	PDW 341	5S	0	0	0	0	10MR	0	0	0	5S	1.0
171	WHD 955	10S	0	0	0	0	0	0	0	0	10S	1.1
172	PDW 339	0	0	0	0	0	10MS	0	0	0	10MS	0.9
173	GW 1310	20S	5MS	0	0	0	0	0	0	0	20S	2.7
174	HI 8759	0	5MS	0	0	TR	10S	5MR	0	20MS	20MS	3.6
175	PDW 340	0	5MS	0	0	0	10S	10MR	0	15MR	10S	2.7
176	HI 8761	0	10MS	0	0	0	10S	5MR	0	10MR	10S	2.7
177	UAS 452	0	5MS	0	0	0	10S	5MS	0	15MR	10S	2.7
178	RKD 280	0	40MS	0	0	0	40S	40MS	20S	30S	40S	17.1
179	HI 8757	0	10MS	10MR	0	0	20S	10MS	10S	15MR	20S	6.2
180	MPO 1302	10S	10MS	30MR	0	20MR	20S	20MS	10S	30S	30S	12.7
180. A	INFECTOR	80S	80S	60S	100S	50S	80S	100S	80S	100S	100S	81.1
181	UAS 453	20S	0	0	0	0	10MS	0	0	0	20S	3.1
182	HI 8758	5S	5MS	0	0	0	10MS	10MS	0	20MS	20MS	4.6
183	RKD 279	0	40MS	30MR	0	0	40S	60S	20S	20MS	60S	20.0
184	PBND 5128	5S	10MS	0	0	TMR	40S	10MS	0	15MR	40S	7.5
185	NIDW 841	10S	0	0	0	0	10S	0	0	-	10S	2.5
186	NIDW 842	0	0	0	0	0	10S	5MS	0	30S	30S	4.9
187	HI 8760	5S	10MS	0	0	0	20MS	20MS	10MR	15MR	20MS	6.1
188	HD 4732	0	5S	20MR	0	TMR	20S	5MS	0	20MS	20S	5.9
189	UPD 96	10S	5S	0	0	0	10S	5MS	0	0	10S	3.2
190	PDW 342	20S	5S	0	0	TR	10S	5MS	0	0	20S	4.4
191	HD 4731	10S	10MS	30MR	0	5S	20S	20MS	0	10MR	20S	8.3
192	GW 1311	0	10MS	20MR	0	0	10MS	5MS	10S	20MS	20MS	6.0
193	MACS 4024	0	5S	0	0	TR	10MS	5MS	0	20MS	20MS	3.7
194	DDW 31	20S	5S	0	0	0	10MS	5MS	0	0	20S	4.1
195	GW 1308	20S	20MS	0	0	TS	20MS	20MS	10MR	0	20S	8.1
196	MACS 3949	10S	5MS	0	0	0	20MR	5MS	0	0	10S	2.9
197	WHD 956	0	5MS	0	0	TR	0	0	0	0	5MS	0.5
198	DDW 32	10S	0	0	0	TR	0	-	0	0	10S	1.3
199	GW 1309	10S	5MS	0	0	0	10MS	40MS	0	0	40MS	6.0
200	MPO 1301	20S	60S	60S	40S	40MS	80S	100S	0	-	100S	49.0
200. A	INFECTOR	80S	100S	60S	80S	50S	80S	100S	80S	70S	100S	77.8
201	MACS 4023	10S	40S	30MR	0	0	40S	80S	0	30S	80S	23.6
NIVT - 5A	NIVT 5A											
202	HD 3171	TR	5S	10S	0	5S	10S	20MS	20S	10MR	20S	7.8

S.No.	Entry	Dhaulakuan	Gurdaspur	Malan	Bajaura	Pantnagar	Karnal	Ludhiana	Jammu	Khudwani	HS	ACI
203	UP 2887	0	60S	60S	80S	TS	60S	100S	60S	50S	100S	52.3
204	HD 3174	0	5S	30S	0	0	20S	10MR	20S	15MR	30S	9.4
205	MP 1290	20S	20MS	60S	80S	TMR	10S	20MR	5S	30S	80S	25.5
206	MP 1293	60S	60S	80S	60S	80S	40S	80S	80S	80S	80S	68.9
207	HUW 689	0	0	5MR	0	0	20S	5S	10MR	20MS	20S	5.2
208	WH 1166	10S	10MS	40S	40S	TS	20S	20MS	10MR	30S	40S	18.8
209	UP 2886	10S	60S	60S	60S	TMR	60S	80S	80S	40S	80S	50.0
210	MACS 6648	20S	80S	80S	80S	5S	60S	100S	40S	90S	100S	61.7
211	K 1316	0	20S	40S	40S	TMR	20S	100S	80S	60S	100S	40.0
212	CG 1012	20S	10S	60S	60S	20MS	40S	100S	80S	70S	100S	50.7
213	UAS 365	0	60S	40S	20S	0	60S	80S	60S	60S	80S	42.2
214	K 1315	5S	5S	60S	40S	0	20S	5MS	0	50S	60S	20.4
215	HI 1605	0	10S	40S	0	0	20MS	40MS	10MR	40S	40S	15.8
216	RAJ 4386	0	60S	60S	15S	0	60S	100S	40S	50S	100S	42.8
217	PBW 720	0	0	20S	5MR	0	10S	0	10MR	0	20S	4.0
218	PBW 721	10S	0	20S	0	0	20S	5MS	20S	0	20S	8.2
219	WH 1167	0	0	TMS	0	0	20S	0	10MR	0	20S	2.8
220	MP 3424	40S	80S	80S	60S	30MS	60S	100S	10MS	-	100S	56.5
220. A	INFECTOR	80S	100S	80S	80S	60S	80S	100S	80S	90S	100S	83.3
221	NIAW 2325	60S	60S	80S	60S	70S	60S	100S	80S	50S	100S	68.9
222	BRW 3753	0	0	TMR	0	5S	20S	10S	20S	0	20S	6.2
223	MP 1291	40S	10MS	30S	0	60S	60S	80S	10MR	40S	80S	35.8
224	HD 3173	5S	20S	30S	0	0	40S	60S	10S	30S	60S	21.7
225	JWS 712	40S	0	60S	0	0	0	0	60S	50S	60S	23.3
226	DBW 153	0	5S	30S	0	0	20S	5S	0	30S	30S	10.0
227	K 1317	0	0	10S	0	0	20S	10MS	0	30S	30S	7.6
228	MACS 6607	40S	80S	60S	60S	0	80S	100S	80S	50S	100S	61.1
229	NW 6035	0	0	40S	10S	0	10MS	5S	40S	20MS	40S	13.2
230	DBW 152	10S	5S	40S	10S	10MS	10S	20S	0	20MS	40S	13.2
231	HD 3172	0	5MS	40S	30S	0	20S	5S	0	30S	40S	14.3
232	MP 1292	60S	80S	80S	40S	60S	80S	100S	80S	80S	100S	73.3
233	JAUW 621	0	10S	40S	40S	0	40S	100S	40S	30S	100S	33.3
NIVT - 5B												
234	UAS 455	0	0	0	0	0	0	0	0	0	0	0.0
235	GW 1313	60S	60S	40S	15S	40MS	60S	100S	60S	70S	100S	55.2
236	RKD 268	0	0	0	0	0	0	0	0	20MS	20MS	1.8
237	HI 8764	0	0	0	0	0	0	0	0	15MR	15MR	0.7
238	RKD 270	5S	60S	10MR	0	20S	40S	80S	0	30S	80S	26.6
239	MACS 3972	0	0	0	0	0	10S	0	0	20S	20S	3.3
240	HI 8762	0	10MR	0	0	0	10MS	20MS	10MR	0	20MS	3.6
240. A	INFECTOR	80S	80S	80S	80S	60S	80S	100S	80S	90S	100S	81.1
241	MACS 3970	0	0	0	0	0	0	10MS	0	0	10MS	0.9
242	HI 8765	0	0	0	0	0	10MS	5MS	0	15MR	10MS	2.0
243	MPO 1294	20S	5MS	5MR	0	0	10MS	5MS	20S	0	20S	6.4
244	DDW 34	0	0	0	0	0	0	5MS	0	10MR	5MS	0.9
245	GW 1316	60S	80S	80S	60S	5MR	80S	100S	80S	80S	100S	69.1
246	NIDW 765	0	0	0	0	0	0	5S	0	20MS	20MS	2.3
247	GW 1315	60S	80S	80S	60S	70S	80S	100S	80S	40S	100S	72.2
248	MACS 4020	5S	10MS	0	0	0	40S	60S	10S	10MR	60S	14.1
249	MPO 1295	10S	5MS	0	20S	TMR	20S	60S	5MR	15MR	60S	13.6
250	KD 1318	20S	0	0	0	0	10S	5MR	0	40S	40S	8.0
251	UAS 454	0	0	0	0	0	10S	0	0	0	10S	1.1
252	GW 1314	40S	0	0	0	0	10S	0	10MS	10MR	40S	6.9
253	HI 8766	0	0	0	0	TMR	10S	TS	0	20MS	20MS	3.0
254	HI 8763	20S	5MS	20MR	0	TMS	20S	40MS	20S	30S	40MS	15.0

S.No.	Entry	Dhaulakuan	Gurdaspur	Malan	Bajaura	Pantnagar	Karnal	Ludhiana	Jammu	Khudwani	HS	ACI
255	GW 1317	10S	20MS	30MR	0	TMS	40S	40MS	10MR	-	40S	14.4
256	DDW 33	0	0	0	0	0	TS	0	0	0	TS	0.1
IVT												
I. NORTHERN HILL ZONE												
257	VL 2010	0	0	30S	0	0	10S	0	40S	0	40S	8.9
258	VL 2007	0	0	TMS	0	0	0	10S	0	15MR	10S	1.9
259	HS 587	10S	5MS	10S	0	0	10S	10S	0	0	10S	4.9
260	HPW 406	5S	5S	20S	0	0	20S	60S	20MS	30S	60S	17.3
260. A	INFECTOR	80S	80S	60S	100S	60S	80S	100S	80S	90S	100S	81.1
261	HS 583	0	5S	30S	0	TMS	20S	40MS	20S	20S	40MS	14.2
262	VL 2008	0	5S	20S	0	0	TS	10S	5MR	20S	20S	6.4
263	HPW 405	20S	5S	10MS	0	0	0	20MS	0	10MR	20S	5.9
264	HS 584	0	0	TS	0	TR	10MS	0	0	0	10MS	1.0
265	HS 585	TR	5S	20MS	0	TR	10S	20MS	0	15MR	20MS	5.9
266	HS 586	0	0	20S	10S	0	20S	10MS	0	20MS	20S	8.2
267	VL 2012	5S	0	5MR	0	0	TS	0	80S	15MR	80S	10.4
268	UP 2888	0	5S	60S	80S	0	40S	60S	20S	80S	80S	38.3
269	HPW 403	0	0	0	0	0	0	0	0	0	0	0.0
270	VL 2011	5S	5S	10MS	0	0	20S	40MS	0	10MR	40MS	8.2
271	UP 2889	20S	5S	10MS	0	TR	20S	20MS	10MR	30S	30S	11.5
272	HPW 409	0	20S	10S	30S	0	0	40S	0	20MS	40S	12.9
273	HPW 408	10S	5S	20S	0	TMR	10S	60MS	0	15MR	60MS	11.0
274	HS 581	TR	5S	20S	0	TMR	10S	20MS	0	15MR	20S	6.4
275	HPW 407	0	5S	10MR	15S	0	20MR	40S	60S	15MR	60S	15.3
276	VL 2009	0	5S	20S	20S	0	20MR	0	20S	20MS	20S	9.9
277	HS 582	5S	5S	5S	0	0	10MR	5MS	0	15MR	15MR	3.2
278	HPW 404	20S	0	20S	15S	0	5MR	0	20S	10MR	20S	9.0
II. SOUTHERN HILLS ZONE												
279	HW 3620	0	20MS	60S	40S	TR	60S	80S	0	30S	80S	31.8
280	HW 5801	0	20MS	60S	60S	0	60S	80S	0	30S	80S	34.0
280. A	INFECTOR	80S	80S	80S	80S	60S	80S	100S	80S	90S	100S	81.1
281	HS 589	0	60S	40S	40S	0	40S	100S	80S	50S	100S	45.6
282	HW 5049	80S	60S	80S	60S	70S	60S	80S	80S	30S	80S	66.7
283	UAS 368	10S	60S	60S	20S	0	60S	80S	40S	30S	80S	40.0
284	HW 3608	20S	80S	60S	60S	20S	80S	80S	80S	50S	80S	58.9
285	HW 3627	0	40S	20S	60S	0	20S	60S	90S	60S	90S	38.9
286	HW 5802	0	40S	60S	40S	0	20S	60S	0	40S	60S	28.9
287	HW 3607	0	0	20S	20S	0	20S	5MS	0	0	20S	7.1
288	HW 3906	5S	80S	60S	60S	TMR	80S	100S	80S	60S	100S	58.4
289	UAS 367	0	80S	60S	60S	0	80S	100S	60S	50S	100S	54.4
290	HW 4215-1	0	40S	40S	40S	0	40S	80S	40S	70S	80S	38.9
291	HW 5047	0	10S	60S	60S	10S	20S	60S	20S	50S	60S	32.2
292	HW 5048	10S	20S	60S	30S	TMR	60S	100S	10MR	60S	100S	38.3
III. SPECIAL TRIAL (Wheat Biofortification)												
293	SPL-WB-HD 3175	10S	10MS	40S	30S	5S	20S	60S	0	40S	60S	23.7
294	SPL-WB-HD 3176	40S	80S	80S	60S	60S	60S	100S	20MR	40S	100S	58.7
295	SPL-WB-HD 3177	60S	80S	80S	60S	70S	60S	100S	40S	40S	100S	65.6
296	SPL-WB-HD 3178	40S	60S	80S	60S	30S	60S	80S	60S	30S	80S	55.6
297	SPL-WB-HD 3179	40S	60S	60S	40S	40MS	80S	80S	80S	60S	80S	59.1
298	SPL-WB-HPBW 01	0	0	5S	0	0	0	5S	0	0	5S	1.1
299	SPL-WB-HPBW 02	0	0	5MS	0	0	TR	5S	0	0	5S	1.0
300	SPL-WB-HPBW 03	0	10S	20MS	0	0	20S	20MS	0	30S	30S	10.2
300. A	INFECTOR	100S	80S	80S	100S	60S	80S	100S	80S	80S	100S	84.4
301	SPL-WB-HPBW 04	5S	10MS	0	0	0	0	5S	0	0	10MS	2.0
302	SPL-WB-HPBW 05	5S	5S	10S	0	TMS	20MS	20MS	0	15MR	20MS	6.5

S.No.	Entry	Dhaulakuan	Gurdaspur	Malan	Bajaura	Pantnagar	Karnal	Ludhiana	Jammu	Khudwani	HS	ACI
303	SPL-WB-HPBW 06	10S	5S	10S	0	10S	10MR	5S	20S	30S	30S	10.4
304	SPL-WB-HUW-694	0	0	30S	0	0	0	0	0	15MR	30S	4.0
305	SPL-WB-HUW-695	0	0	10S	0	0	0	5MS	0	30S	30S	4.9
306	SPL-WB-HUW-696	0	5MS	10MR	0	0	10S	10MS	0	20MS	20MS	4.7
307	SPL-WB-WB-01	5S	0	10S	0	0	0	5MS	0	15MR	10S	2.8
308	SPL-WB-WB-02	10S	0	10S	15S	0	0	5MS	0	20MS	20MS	6.1
309	SPL-WB-WB-03	20S	10MS	10S	20S	0	10S	40MS	0	20MS	40MS	12.9
310	SPL-WB-WB-04	0	5S	30S	0	0	0	10S	0	20MS	30S	6.8
311	SPL-WB-WB-05	0	5S	10MR	5S	TMR	20S	0	20MS	0	20S	5.6
311. A	INFECTOR	100S	80S	80S	80S	80S	80S	100S	80S	90S	100S	85.6