

Performance of AVTs entries against different diseases under multilocation testing during 2022-23

Sr. No.	Variety	LB (dd)		PM(0-9)		KB(%)		LS(%)		FS(%)		FR (%)	FHB	HB (%)
		HS	Av.	HS	Av.	HS	Av.	HS	Av.	HS	Av.	HS	HS	HS
1	HS691	79	46	6	2	8.3	3.1	45	19.9	34	16.1	22.22	4	23.3
2	HS692	89	57	6	4	12	4.8	56	31.6	51.1	27.1	14.29	5	9.2
3	VL3028	79	47	5	3	11.1	4.7	76	23.7	8.3	2.8	25.00	3	5.2
4	HPW484	67	35	7	3	48.8	12.3	70	22.6	9.2	4.1	35.00	4	5.8
5	VL907(C)	99	56	6	4	36	12.7	55	21.2	10	3.3	22.22	5	17.4
6	VL892(C)	89	56	9	3	47.6	12.5	70	36.8	11.5	9.9	27.78	5	6.9
7	HPW349(C)	79	46	8	3	44.9	11.2	65	21.0	22.7	15.2	35.00	4	6.1
8	HS562(C)	78	56	8	4	43.7	12.5	66	22.5	6.6	3.6	33.33	4	20.6
9	VL2041(I)(C)	89	46	9	5	65.7	14.9	65	23.8	6.5	2.2	30.00	5	33.3
10	PBW887	89	46	7	4	22.6	7.5	–	–	8.3	4.4	12.50	4	–
11	PBW889	78	56	8	3	54.1	14.2	–	–	11.1	3.7	27.78	5	–
12	HD3386	68	35	9	6	48.3	17	70	19.4	8.1	3.8	18.75	4	–
13	HD3470	89	57	8	4	70.3	18.5	–	–	10	3.3	31.25	4	–
14	HI1668	79	57	9	5	65.6	15.5	–	–	6.6	2.8	22.22	4	–
15	DBW386	79	46	9	4	55.8	14.1	–	–	5.3	1.8	33.33	5	–
16	UP3102	89	46	6	4	36.1	10.6	–	–	5	1.7	22.22	4	–

17	HD3428	78	45	7	3	18.3	8.2	-	-	6.3	3.2	33.33	5	-
18	PBW893	57	35	5	3	38.5	8.7	-	-	7.8	5.1	28.57	4	-
19	K2108	89	57	8	4	18	6	-	-	5	2.2	7.14	4	-
20	HD3059(C)	89	57	8	3	11.6	3.4	-	-	0	0	25.00	4	-
20A	Infector	99	68	8	7	50	23.1			41.5	31.8		5	-
21	DBW173(C)	97	56	9	3	39.3	10.2	-	-	12.5	4.2	25.00	4	-
22	PBW771(C)	89	57	7	3	56.1	13.2	40	18.9	34	21	11.11	4	-
23	JKW261(C)	79	56	9	4	16.2	5.7	75	36.2	11.1	8.3	33.33	4	-
24	WH1402	89	46	9	4	45.7	10.4	48.4	31.9	12.5	5.5	25.00	3	-
25	WH1311	89	56	7	4	47	12.6	-	-	10	6.3	33.33	5	-
26	UP3111	89	57	9	4	37.6	10.6	-	-	11.3	5.4	31.25	5	-
27	PBW899	77	45	6	3	13.6	7.8	-	-	11	8.6	25.00	4	-
28	PBW644(C)	67	46	8	5	24.2	7.6	-	-	14.1	11.8	27.78	5	-
29	DBW296(C)	78	56	7	4	21.9	8.5	-	-	12.6	7.1	25.00	5	-
30	HD3369(I)(C)	99	56	7	5	31.5	9.5	65	31.6	10.5	8.5	25.00	4	-
31	HI1653(I)(C)	89	57	9	4	51.8	14.2	55	32.2	9.5	3.2	28.57	4	-
32	HI1654(I)(C)	89	57	7	4	58.5	17.5	60	33.7	10.8	4.7	28.57	4	-
33	HD3388	89	57	7	4	12.5	3.3	80	28.4	10.4	7.9	27.78	5	-

34	HD3471	99	57	7	4	32.4	13.3	-	-	7.3	2.4	18.75	3	-
35	HD3249(C)	89	57	7	4	95	22.4	65	18.1	7.5	4.5	14.29	3	-
36	HD3086(C)	89	57	6	3	40.5	10	-	-	8.1	7.1	31.25	5	-
37	HD2967(C)	89	56	7	3	14.4	4	60	17.6	11	8.4	25.00	3	-
38	DBW222(C)	78	46	7	4	33.3	10.4	-	-	6.3	2.1	21.43	4	-
39	PBW826(I)(C)	68	46	7	4	50.4	15	65	21.8	6.6	3.5	30.00	5	-
40	DBW398	89	57	9	4	46.6	12.9	-	-	7.5	5.8	35.00	4	-
40A	Infector	99	78	9	7	60.6	23.5			65	39.5		5	-
41	HI1612(C)	89	56	8	4	19.5	7.6	-	-	7.9	6.2	25.00	4	-
42	K1317(C)	89	57	7	3	32.3	8.9	-	-	8.1	2.7	31.25	3	-
43	HD3171(C)	78	46	7	4	51.8	12	80	21.5	7.3	2.9	38.89	5	-
44	HD3293(C)	79	46	9	4	25.6	7.4	75	29	6.5	2.2	22.22	4	-
45	DBW252(C)	89	56	8	5	38.5	13	70	27.7	10.3	7.7	31.25	5	-
46	NWS2194	89	56	7	4	42	13	55	32.4	6.8	2.3	33.33	4	-
47	HI1669	98	57	7	4	47.9	12.4		-	35.7	21.1	31.25	5	-
48	HI1670	89	46	7	3	48.4	14.7	-	-	11.9	6.3	35.00	5	-
49	GW547	79	46	7	4	48.5	12.5	75	22.4	8.5	4.6	0.00	4	-
50	GW513(C)	89	57	9	4	30.9	9.1	85	36.4	8.6	4.5	35.00	5	-

51	HI1636 (C)	99	57	8	4	53	12.4	45	25.4	43.3	23.8	33.33	5	-
52	HI1650(I)(C)	89	56	7	4	37.9	12.5	85	40	9.3	4.2	31.25	5	-
53	MACS6768(I)(C)	99	56	5	2	67.3	13.7	80	41.5	10.1	3.7	7.14	5	-
54	HI1674	99	57	7	4	32.6	9.8	-	-	7.6	2.5	27.78	5	-
55	AKAW5104	89	57	7	3	44.2	10.7	-	-	56.3	26	31.25	5	-
56	HD2932(C)	99	57	7	3	23.2	7.8	-	-	11.1	7.3	35.00	5	-
57	MP4010(C)	89	46	7	4	22.8	6.8	-	-	8.3	2.8	35.00	5	-
58	HI1634(C)	89	56	7	4	32	12.2	76.1	42.1	13	7.7	33.33	3	-
59	CG1029(C)	89	56	6	4	48.9	13.2	70	40.2	12.3	4.1	33.33	5	-
60	DBW359	89	57	6	4	45.4	11.1	83.3	31.6	11.1	3.7	27.78	5	-
60A	Infector	99	68	9	8	29.3	19.4			39.3	34.6		4	-
61	DBW441	99	57	8	4	12.9	4.9	-	-	8.6	2.9	35.00	5	-
62	DBW442	99	67	6	4	34.2	14.5	-	-	6.5	3.1	22.22	5	-
63	CG1040	99	57	7	4	46.7	15.4	65	23.5	6.6	2.2	0.00	5	-
64	MP3288(C)	89	67	7	5	66	17	71.5	27.2	29.4	14.7	12.50	4	-
65	DBW110(C)	88	46	8	4	77.3	16.1	85	25.5	8.6	2.9	25.00	5	-
66	CG1036(I)(C)	89	57	8	4	58.3	13.5	55	31.5	8.5	2.8	35.00	4	-
67	HI1655(I)(C)	89	57	8	4	45.7	11.9	80	39.3	63.2	29.2	27.78	3	-

68	UAS3020	99	57	7	3	60.3	13.7	-	-	8.4	3.7	27.78	4	-
69	UAS3021	99	46	8	3	47.3	17.4	-	-	8.3	4.3	25.00	5	-
70	MACS6811	89	57	8	3	32.9	11.1	-	-	6.5	2.2	35.00	4	-
71	MACS6809	99	68	9	5	34.3	11.1	-	-	7.6	3.3	31.25	5	-
72	NIAW4183	99	57	7	4	77	19	-	-	31.3	18.1	12.50	5	-
73	NIAW4153	99	67	8	5	26.4	12	-	-	13.6	10.4	25.00	5	-
74	AKAW5314	89	57	8	4	50	14.5	-	-	8.5	3.8	20.00	5	-
75	AKAW5100	99	67	9	4	23.5	8.4	-	-	8.6	3.2	33.33	4	-
76	MP1378	89	67	7	3	33.1	8.2	43.7	17.2	13	8.7	21.43	5	-
77	MP1386	89	67	8	3	64.4	12.8	-	-	8.1	2.7	16.67	5	-
78	DBW443	89	68	8	4	15.7	5.2	-	-	9.6	3.8	35.00	5	-
79	DBW444	99	57	7	4	9.9	4.1	-	-	10	6.7	33.33	4	-
80	HD3469	89	47	9	5	36.4	14.3	-	-	9.8	3.3	35.00	4	-
80A	Infector	99	68	9	8	50.6	22.3			46.3	35.2		5	-
81	NWS2222	99	57	8	3	61.7	15.5	-	-	11.1	4.2	27.78	4	-
82	PWU15	89	57	9	3	64.6	17.5	-	-	13.2	9.4	27.78	5	-
83	WH1306	99	57	8	4	57	14.3	-	-	8.7	2.9	40.00	4	-
84	PBW891	99	67	7	4	31.2	9.9	-	-	8.1	2.7	38.89	3	-

85	HI8841(d)	99	57	7	4	10.9	4.4	-	-	0	0	31.25	5	-
86	UP3083	89	57	7	4	39.3	9.6	-	-	3.5	1.2	18.75	3	-
87	MACS3949(d)(C)	99	57	8	5	36.7	8.8	-	-	0	0	31.25	5	-
88	HI8826(d)(I)(C)	99	67	9	6	65.5	14	-	-	0	0	31.25	5	-
89	MACS4100(d)(I)(C)	89	57	8	4	26.7	7.9	35	9	0	0	25.00	5	-
90	MACS6222 (C)	89	67	8	5	37.5	9.1	-	-	12.8	7.9	30.00	4	-
91	HI1672	99	57	9	7	70.1	16	-	-	12.5	4.2	33.33	5	-
92	HI1673	99	57	7	5	66.7	16.2	-	-	13.3	4.4	22.22	5	-
93	HI1675	99	57	9	5	54.1	14.4	-	-	29	18.2	20.00	4	-
94	DBW394	99	56	9	6	58.9	12	-	-	12.6	4.2	35.00	5	-
95	DBW395	99	57	8	4	54.1	10.4	-	-	13.1	4.4	25.00	3	-
96	MACS6814	89	57	7	3	15	5	-	-	14.1	8.5	28.57	3	-
97	MACS6805	99	57	6	5	16.6	7.6	-	-	12.9	7.1	18.75	4	-
98	NIAW4114	79	46	8	4	55.8	11.6	-	-	42.3	20.7	21.43	4	-
99	NIAW4120	99	57	9	6	61.6	16.4	-	-	28.8	14.7	35.00	5	-
100	UAS3022	99	57	9	6	33.3	9	-	-	0	0	31.25	3	-
100A	Infector	99	68	9	8	50.5	20.5			63.2	41		5	-
101	UAS3023	89	57	7	4	56.8	11.7	-	-	5.6	4.7	31.25	5	-

102	MP3557	89	56	7	5	42.1	12	-	-	6.6	5.9	37.50	5	-
103	MP3556	89	57	8	4	76.7	17.2	-	-	5	2.3	35.00	5	-
104	PBW897	89	57	9	6	25	8.9	-	-	32.1	15.6	5.56	5	-
105	MP1388	89	57	8	5	31.6	8.9	-	-	5.5	1.8	25.00	5	-
106	GW542	89	46	9	5	30.9	10.5	-	-	5	1.7	25.00	5	-
107	GW538	89	47	8	4	57.4	13.5	-	-	28.3	16.6	6.25	4	-
108	WH1310	79	46	6	5	29.8	7.9	-	-	6.7	4.5	31.25	4	-
109	LOK79	89	46	8	5	35	8.4	-	-	35.2	17.4	35.00	4	-
110	RAJ4083(C)	99	57	8	5	43	12.4	90	31.5	10.4	8	35.00	4	-
111	HD3090(C)	99	67	8	6	48.8	15.8	65	29.1	5.6	2.7	10.00	3	-
112	HI1633(C)	89	57	8	6	60.3	13.7	80	37.1	7.5	3.7	25.00	5	-
113	UAS478(d)	89	46	8	6	26.3	8.2	15	3.8	0	0	18.75	5	-
114	UAS481(d)	79	46	8	4	31.6	8.2	-	-	0	0	16.67	3	-
115	HI1665	89	56	6	4	28.6	9.2	45	24	67.2	30.8	33.33	5	-
116	HI8840(d)	89	46	7	5	26	9.2	35	12.4	0	0	35.00	5	-
117	DBW397	89	57	8	5	42.8	10.6	-	-	3.9	1.3	27.78	4	-
118	DDW61(d)	99	67	9	6	31.5	10.2	-	-	0	0	22.22	4	-
119	NIAW4028	99	57	8	6	42.6	14.3	27.2	20.8	6.6	2.2	31.25	4	-

120	HI1605(C)	99	57	8	6	56.5	16.1	–	–	7.5	2.5	18.75	4	–
120A	Check-HD3436	99	68	8	7	66.7	26.9			51.6	37		5	–
121	NIAW3170(C)	89	47	8	5	20.2	7.8	85	25.5	8.3	3.5	30.00	5	–
122	UAS446(d)(C)	89	57	7	4	25.2	8	–	–	1.6	0.5	35.00	4	–
123	NIDW1149(d)(C)	89	46	8	5	13.5	6.9	55	16.8	0	0	25.00	5	–
124	DBW380	99	56	8	5	21.1	6.7	–	–	5	1.7	18.75	5	–
125	DBW370(I)(C)	89	56	8	5	20.6	8.6	65	22.7	6.6	2.7	35.00	4	–
126	DBW371(I)(C)	99	57	8	6	25	8.3	55	25.9	8.3	2.8	33.33	4	–
127	DBW372(I)(C)	99	57	7	5	58.8	15.2	60	21.2	8.2	2.7	33.33	5	–
128	PBW872(I)(C)	89	57	6	3	46.4	10.4	80	35.2	7.5	3.2	25.00	4	–
129	DBW377	99	46	6	4	58.3	13.4	60	18.2	6.6	2.2	27.78	5	–
130	CG1044	89	57	7	5	12.9	6.4	–	–	32.5	17.4	30.00	4	–
131	GW543	99	57	7	4	7.3	5.9	–	–	9.5	3.6	0.00	5	–
132	DBW187(C)	99	57	7	5	40.8	11.4	–	–	8.1	5.2	20.00	4	–
133	DBW303(C)	79	46	5	3	45.1	13.6	–	–	11.1	4.2	38.89	4	–
134	GW322(C)	99	45	6	3	64.4	15.5	–	–	10.8	4.3	38.89	4	–
134A	Infector	99	67	6	2	6.6	3.3			49	33.2		5	–

Abbreviations: LB = Leaf blight, KB = Karnal bunt, PM = Powdery mildew, FS = Flag smut, FHB = Fusarium head blight, FR = Foot rot, LS = loose smut, HB = Hill bunt