

Table 1.5. Performance of AVTs entries against different diseases under multilocation testing during 2023-24

S. No.	Entry	LB		PM		KB		LS (%)		FS (%)		FR (%)	FHB (%)	HB (%)
		HS	AV	HS	AV	HS	ACI	HS	AV	HS	AV	HS	HS	HS
1	HD3086(C)	68	79	6	4	39.5	12.8	60.5	33.9	7.14	5.79	12.50	3	
2	HI1668	58	99	6	3	18.4	8.0	83.3	42.6	6.40	3.20	22.22	4	
3	HD3494	36	59	6	4	19.0	7.3			9.20	3.73	25.00	3	
4	DBW417	36	68	6	4	13.1	4.8			5.70	2.93	31.25	3	
5	DBW88 (C)	58	79	7	5	62.0	13.9			5.40	1.80	27.78	3	
6	PBW957	57	89	9	5	48.7	11.9			7.30	3.40	6.25	3	
7	DBW222(C)	57	89	9	5	9.5	5.2	70.8	42.4	9.10	3.03	38.89	3	
8	DBW477	58	89	9	5	11.2	4.9			8.40	3.19	35.00	4	
9	HD3471	68	79	7	4	47.7	13.6	46.4	11.6	6.30	2.10	35.00	3	
10	PBW916	36	89	6	4	23.6	10.0			10.20	6.45	33.33	3	
11	DBW386	47	78	9	5	18.0	6.4	65	31.6	8.60	4.35	30.00	4	
12	PBW826(C)	58	89	5	4	36.8	8.6			6.40	2.36	12.50	3	
13	DBW476	58	68	7	5	39.0	9.8			8.10	2.70	25.00	3	
14	HD2967	58	78	9	4	37.0	12.1	56.6	20.5	5.50	2.15	16.67	4	
15	PBW725	57	79	7	5	35.9	9.5			5.60	1.87	27.78	3	
16	HD3386(I)(C)	47	78	7	4	36.6	9.8			8.20	4.35	16.67	4	
17	PBW958	58	78	7	6	50.6	11.5			9.70	3.63	35.00	3	
18	HD3455	57	89	6	3	22.0	4.9			8.40	2.80	25.00	4	
19	HD3059(C)	57	79	7	4	41.7	14.5	66.6	32.6	5.40	2.67	11.11	4	
20	JKW261(C)	46	78	6	3	28.2	8.3	81.1	45.4	6.20	4.20	25.00	3	
20A	infector	89	99	9	7	36.2	21.9	86.6	49.5	28.33	15.66	16.67	5	
21	NW8071	47	79	7	3	28.5	8.2			11.20	3.73	27.78	3	
22	DBW173(C)	47	78	7	3	6.6	3.1	64	29.8	12.40	5.64	16.67	4	

23	WH1324	57	76	5	3	40.0	13.4			9.90	3.30	15.00	3	
24	DBW422	57	89	7	4	34.9	12.1			7.60	3.51	35.00	4	
25	RAJ4581	67	99	7	4	82.1	24.3			6.70	2.23	16.67	3	
26	HD3428	57	89	7	4	27.3	10.7	43.3	14.6	5.80	2.46	31.25	3	
27	HD3495	47	78	9	6	31.1	9.3			8.50	3.27	30.00	3	
28	PBW771(C)	57	89	9	6	84.6	19.3	45.2	25.3	5.40	1.80	25.00	4	
29	PBW921	58	79	6	4	15.5	8.8			4.10	1.37	16.67	3	
30	PBW644(C)	47	99	6	4	12.3	5.7	73.3	25.6	11.10	3.98	25.00	3	
31	HI1653(C)	68	89	8	5	22.4	9.7	45	24.2	12.80	5.57	27.78	3	
32	PBW927	57	89	9	4	62.7	17.4			8.30	4.97	16.67	4	
33	HD3369	68	89	7	3	20.9	6.7	35	22.3	8.50	3.40	20.00	3	
34	HD3468	58	89	8	5	71.1	18.3			11.40	5.84	38.89	3	
35	NIAW3170(C)	58	89	6	3	22.6	6.4	83.3	41.9	11.60	5.91	22.22	3	
36	WH1326	57	79	6	3	40.8	12.9			9.70	3.23	11.11	3	
37	DBW296	47	78	9	4	66.7	14.5	46.6	26.1	14.30	6.18	33.33	3	
38	JKW304	58	79	9	5	53.0	11.5			17.46	9.97	30.00	4	
39	WH1402(I)(C)	47	78	7	4	20.9	6.4			11.20	4.23	30.00	3	
40	PBW908	58	89	9	4	27.9	8.0			10.61	7.50	22.22	5	
40A	infector	89	89	9	8	41.1	23.4	86	45.6	24.20	15.02	16.67	5	
41	HP1978	57	99	7	3	39.5	8.7			8.60	6.40	25.00	2	
42	HD3447	68	79	8	3	7.4	2.9			6.40	2.13	30.00	2	
43	PBW915	58	79	9	6	50.3	15.5			5.20	1.73	11.11	3	
44	HD3388(I) (C)	57	79	7	4	52.0	16.2			3.40	2.22	16.67	5	
45	UP3124	57	89	6	4	30.0	10.0			5.70	1.90	27.78	3	
46	KRL2106	36	78	6	4	28.1	7.6			8.89	5.83	35.00	3	
47	HD3249 (C)	68	99	4	3	22.9	6.3			6.80	2.27	22.22	4	
48	PBW913	57	57	8	4	49.1	14.0			9.10	3.03	27.78	3	

49	HD3467	57	89	9	5	38.4	11.0			10.20	4.93	22.22	3	
50	BCW29	47	79	9	6	47.9	9.6			12.10	4.44	44.44	3	
51	UP3123	57	78	6	3	30.6	10.0			13.30	4.43	45.00	3	
52	HI1563 (C)	79	99	8	5	19.5	11.0			3.40	1.87	6.25	4	
53	DBW107(C)	58	89	8	6	32.6	9.3			5.80	3.33	12.50	5	
54	PBW833(C)	47	68	7	5	98.8	23.5			3.50	2.15	30.00	3	
55	WH1323	67	89	7	5	13.3	6.2			5.70	1.90	38.89	3	
56	HD3118(C)	68	89	6	4	10.6	4.6			8.20	2.73	35.00	5	
57	HI1621(C)	78	99	6	4	28.2	7.1			11.70	3.90	30.00	3	
58	HD3171 (C)	68	89	7	4	13.7	5.2			12.50	4.17	12.50	3	
59	HD3460	57	89	9	4	53.3	13.7			10.60	6.33	16.67	3	
60	HD3293 (C)	57	87	7	4	79.1	16.0			11.40	4.05	22.22	3	
60A	infector	89	89	9	8	45.6	23.5	84	45.3	25.00	15.60	38.89	5	
61	HI1612 (C)	36	78	6	3	29.2	9.3	45	20.4	12.20	6.79	33.33	4	
62	K1317(C)	68	89	8	5	46.4	14.0	69.8	37.3	4.35	3.80	22.22	3	
63	VL2041 (C)	46	67	5	4	14.1	5.8	52.5	24.9	5.40	1.80	33.33	3	
64	HPW349 (C)	57	89	6	4	89.6	17.4	63.3	34.6	6.80	2.58	27.78	3	
65	VL2059	68	99	8	6	34.7	9.3			8.10	3.85	25.00	3	
66	HS562 (C)	57	99	8	5	40.8	9.7	48.1	23.1	8.10	2.70	30.00	3	
67	VL907 (C)	47	79	7	4	35.8	9.8	65	26	8.10	3.65	38.89	3	
68	MACS6837	68	89	7	3	13.4	4.6			5.20	1.73	35.00	3	
69	MACS4125(d)	68	78	5	3	9.3	3.8			6.70	2.23	30.00	4	
70	MACS4135(d)	58	99	6	4	6.8	1.6			6.50	2.17	27.78	3	
71	HI1669*	69	99	8	5	30.2	9.7	87.3	41.8	6.50	3.79	38.89	5	
72	HI1683	69	99	9	4	43.9	9.4			6.50	2.17	27.78	3	
73	HI1684	79	99	9	5	27.5	11.3			6.50	3.95	16.67	4	
74	HI8848(d)	69	89	9	6	11.5	4.1			8.30	4.15	11.11	5	

75	HI8849(d)	68	89	9	6	48.6	12.0			6.10	2.03	6.25	4	
76	HI8850(d)	58	89	9	5	36.7	7.6			5.30	1.77	5.56	3	
77	GW554	79	89	9	6	31.7	6.4			5.30	2.92	7.14	5	
78	GW555	79	99	9	5	43.5	14.3			3.20	1.07	18.75	5	
79	MP3570	79	99	9	4	15.7	7.0			2.50	0.83	27.78	5	
80	MPO1395(d)	68	89	9	5	10.3	3.0			5.40	1.80	35.00	4	
80A	infector	89	99	9	8	54.2	24.5	84	46.1	22.22	16.17	35.00	5	
81	GW322	68	89	9	6	11.6	3.8	42.8	26.2	8.53	6.63	38.89	4	
82	MACS6768	79	99	9	6	72.5	15.7	65	28.8	7.10	3.36	22.22	4	
83	HI1650	78	89	9	5	30.4	9.4	86.6	39.7	5.40	3.39	16.67	4	
84	GW547(I)	79	99	6	4	58.8	12.9			6.40	3.21	15.00	4	
85	HI8737(d)	69	89	9	6	11.2	5.3			8.20	2.73	30.00	4	
86	HI8713(d)	68	89	8	5	12.6	5.8			8.10	3.06	27.78	3	
87	HI1674*	79	99	9	5	25.8	7.2	66.6	29.2	9.40	4.03	16.67	4	
88	HI1687	79	99	9	4	20.9	7.6			11.40	7.01	12.50	3	
89	WSM138	79	89	9	4	76.1	15.7			10.70	4.64	25.00	3	
90	MACS6830	79	89	9	5	41.3	15.5			8.60	3.37	35.00	3	
91	DBW425	69	89	5	4	12.9	7.5			9.30	4.38	35.00	3	
92	GW556	69	89	8	5	44.1	10.4			10.70	3.57	25.00	4	
93	HD2932	69	89	9	4	11.8	3.6	65	30.4	8.50	2.83	33.33	4	
94	MP4010	68	99	9	6	38.6	9.7	63.3	36.1	12.60	4.92	16.67	5	
95	HI1634	79	99	9	5	39.1	12.2	83.3	46.6	10.50	6.42	38.89	5	
96	CG1029	69	99	8	5	14.1	5.8	86.6	34.4	16.36	10.53	30.00	5	
97	DBW441M*	68	89	9	5	13.7	3.6			14.20	5.26	25.00	3	
98	DBW428	57	89	6	4	24.4	5.4			13.30	5.66	6.25	3	
99	DBW432	58	89	9	3	23.2	6.3			12.50	5.52	12.50	3	
100	UAS3029	57	89	6	3	10.5	4.4			11.70	5.71	33.33	4	

100A	infector	89	89	9	7	39.9	22.0	85	46.6	15.20	10.33	16.67	5	
101	UAS484(d)	47	78	4	2	12.5	3.3			11.10	3.70	37.50	3	
102	NIAW4267	69	89	8	4	24.4	7.0			10.81	6.82	40.00	3	
103	HI8851(d)	46	78	9	5	24.5	6.6			6.20	2.07	35.00	3	
104	HI8852(d)	57	89	6	4	8.2	3.9			6.00	2.00	33.33	3	
105	MACS4131(d)	57	89	9	4	7.8	4.5			2.94	0.98	30.00	3	
106	MPO1398(d)	47	89	5	3	11.9	5.8			2.74	0.91	38.89	3	
107	DBW110	57	89	5	3	10.5	4.3	42.7	35.4	8.40	2.80	40.00	3	
108	CG1036	79	99	8	4	32.7	6.9	56.6	24.6	10.60	3.53	22.22	3	
109	HI1655	69	99	7	4	18.9	3.9	35.2	20.7	14.93	8.75	12.50	3	
110	HI8627(d)	69	89	7	4	89.6	19.5			6.30	2.10	16.67	4	
111	HI8823(d)	68	99	9	5	16.1	6.0			3.40	1.13	22.22	3	
112	DBW359(I)	69	89	4	2	40.5	9.4	53.8	27	6.10	2.28	25.00	3	
113	CG1040(I)	68	89	4	3	29.2	9.2	80	42.5	3.70	1.23	38.89	4	
114	MACS6842	68	99	4	2	18.8	4.0			0.00	0.00	27.78	3	
115	MACS6844	69	99	6	4	52.6	10.1			5.50	2.44	35.00	4	
116	NIAW4364	57	89	6	3	14.7	4.1			0.00	0.00	25.00	3	
117	PBW891*	47	78	6	3	50.9	11.2	76	29	4.71	1.57	18.75	3	
118	DBW443*	47	89	6	4	50.0	12.4	88	39.5	5.30	1.77	22.22	3	
119	DDW62(d)	47	78	6	3	21.8	5.5			5.40	1.80	15.00	4	
120	AKAW5100*	58	89	7	5	13.0	4.0	66.6	38.7	4.58	1.53	38.89	3	
120A	infector	89	89	9	7	47.9	23.9	86.6	46.3	16.60	10.51	31.25	5	
121	WH1306*	47	68	4	2	29.1	8.0	82.8	65.9	5.60	2.25	18.75	3	
122	NWS2222*	58	89	9	4	19.9	8.3	85	39.7	5.60	3.14	16.67	3	
123	UAS3026	58	99	7	4	28.6	10.3			5.40	1.80	30.00	3	
124	CG1045	57	99	7	5	33.0	14.4			8.60	2.87	16.67	3	
125	MPO1395(d)	58	89	9	3	37.6	11.3			6.30	2.10	16.67	4	

126	MACS6222	68	99	9	5	41.3	10.3	67.9	42.6	8.40	5.54	30.00	3	
127	MP1378(I)	57	89	9	6	47.4	11.5	45	19.6	9.30	3.10	25.00	3	
128	MACS3949(d)	47	89	9	6	8.3	2.4	65	27.2	11.40	3.80	22.22	4	
129	DBW426	57	89	8	4	13.7	6.1			8.60	2.87	30.00	3	
130	MACS6829	58	99	8	5	31.9	10.4			12.10	7.01	35.00	5	
131	NIAW4114*	68	99	9	6	60.7	16.5	66.6	36.3	10.10	3.37	25.00	5	
132	NIAW4120*	68	99	9	5	88.2	19.8	65	32.8	9.20	3.78	12.50	5	
133	NIAW4432	68	99	9	4	11.5	5.2			6.10	2.03	38.89	4	
134	UAS3027	68	99	9	5	12.5	4.0			2.63	1.59	38.89	4	
135	LOK79*	58	99	9	5	65.5	17.4	65	22.8	8.30	2.77	33.33	5	
136	RAJ4083 (C)	68	89	9	5	28.3	7.5	85	32.3	5.40	1.80	38.89	4	
137	HD3090 (C)	58	99	9	6	91.3	21.1	30	13.7	3.67	1.72	27.78	3	
138	HI1633 (C)	69	99	9	6	44.0	12.1	75	41.2	1.75	0.58	25.00	4	
139	CG1047	68	79	9	5	21.6	6.6			3.13	1.44	18.75	5	
140	GW1368(d)	69	99	9	6	25.9	5.8			0.00	0.00	25.00	4	
140A	infector	89	99	9	8	54.0	27.1			16.67	11.88		5	
141	HI1605	68	99	9	5	9.3	4.0	85	39.5	0.00	0.00		3	
142	NIAW3170	68	89	8	4	17.3	5.5			0.00	0.00		3	
143	UAS446(d)	57	89	8	4	10.4	2.9	65	41	1.20	0.40		3	
144	NIDW1149(d)	67	89	8	3	9.7	4.1	81.1	31.9	0.00	0.00		5	
145	HI1665(I)	68	89	9	5	72.0	18.3	99.3	42.1	6.20	3.10		5	
146	UAS478(d)(I)	58	79	9	4	26.0	6.5	35.9	19.7	9.10	3.03		3	

* Entry for Leaf blight and powdery mildew, **Entry for Karnal bunt only