

Original Research Paper

**Identification of novel sources of resistance to white rust (*Puccinia horiana*) in
*Chrysanthemum morifolium***

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Supplementary Table 1: Per cent disease index for resistance to white rust among chrysanthemum genotypes and their disease response

Sl. No.	Genotype	7-Dec, 2020	14-Dec, 2020	21-Dec, 2020	28-Dec, 2020	4-Jan, 2021	11-Jan, 2021	18-Jan, 2021	25-Jan, 2021	1-Feb, 2021	8-Feb, 2021	15-Feb, 2021	22-Feb, 2021	1-Mar, 2021	8-Mar, 2021	Disease response	AUDPC Value
1.	NBRI Little Kusum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
2.	Punjab Gold	55	40	65	80	90	80	85	80	100	100	50	90	30	25	HS	6510
3.	Karnool Yellow	10	5	0	0	30	25	35	35	30	25	0	0	0	0	R	1330
4.	Yellow Delight	0	5	0	0	0	0	0	0	0	0	0	0	0	0	HR	35
5.	Mayur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
6.	Ratham Selection	25	20	0	30	60	60	65	65	60	55	55	50	40	30	S	4112.5
7.	A 1 Collection	0	0	25	25	40	45	70	70	55	35	30	30	25	25	MS	3237.5
8.	A 2 Collection	10	10	20	25	20	15	25	45	25	25	40	35	25	25	MS	2292.5
9.	Doddabylakere 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
10.	Doddabylakere 2	15	20	15	10	20	25	25	30	20	20	20	20	15	10	R	1767.5
11.	White Local	10	10	25	20	20	25	35	15	10	10	10	20	15	5	R	1557.5
12.	Heritage	30	35	50	50	70	40	30	45	30	25	20	10	5	15	MS	3027.5
13.	Shukla	0	0	15	20	25	20	25	30	10	10	0	0	0	0	R	1085
14.	Jubilee	0	0	25	35	30	25	20	30	25	25	0	0	0	0	R	1505
15.	Statesman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
16.	Flirt	0	0	20	20	20	20	25	25	20	15	0	0	0	0	R	1155
17.	Autumn Joy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
18.	Kajal	0	0	0	0	15	15	10	0	10	20	20	20	0	0	HR	770
19.	Cherabu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
20.	Kargil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
21.	Basanti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
22.	Pink Cloud	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
23.	Coffee	15	30	25	30	20	15	20	25	30	35	15	25	15	0	MS	2047.5
24.	Winter Queen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
25.	Aparajita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
26.	White Prolific	0	0	20	30	40	40	45	50	50	55	50	40	25	25	MS	3202.5
27.	Sunil	40	60	70	70	70	60	60	90	40	55	70	35	40	30	S	5285
28.	Gulmohar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
29.	Dundi	0	25	25	30	15	35	25	30	20	30	30	20	20	10	MS	2170
30.	Co-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
31.	Star Pink	15	25	40	35	40	25	35	35	20	25	20	15	10	0	MS	2327.5
32.	Texas Gold	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0
33.	Little Darling	0	5	10	20	35	35	30	25	10	10	0	0	0	0	R	1260
34.	Maghi Orange	35	40	45	45	35	35	25	25	15	25	20	0	0	0	MS	2292.5
35.	Pusa Kesari	0	45	55	70	80	90	90	90	80	60	70	70	60	45	HS	6177.5

147.	Farr	40	40	35	45	80	80	80	90	90	80	60	70	70	60	40	40	HS	5880
148.	Agnishika	30	30	45	40	40	50	40	40	40	50	40	40	45	40	40	S	3745	
149.	Swapna	55	55	65	60	55	70	85	65	80	80	80	60	80	50	50	HS	6002.5	
150.	Rajamundri collection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
151.	Bidhan Mum	70	35	50	35	80	80	80	80	80	80	70	70	70	40	60	HS	5845	
152.	Agnipath	30	30	40	30	40	30	45	40	40	45	35	30	20	0	0	MS	2800	
153.	Pusa Sona	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	HR	17.5	
154.	Maghi Yellow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
155.	Selection-5	15	20	15	15	20	10	15	20	20	20	20	20	15	5	0	R	1417.5	
156.	Raja	30	25	25	30	40	40	40	45	35	35	30	35	40	40	20	MS	3150	
157.	Bhima	35	35	25	40	35	30	35	35	20	25	25	35	35	35	0	MS	2817.5	
158.	Hossur-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
159.	HYDC 14	60	55	45	60	70	60	60	70	60	60	50	50	60	35	30	S	5040	
160.	Yellow Spoon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
161.	PAU Annol	25	30	45	30	45	45	50	40	20	20	20	15	15	5	1	MS	2611	
162.	Chandini	30	30	35	25	45	40	35	40	25	25	25	20	30	0	0	MS	2555	
163.	Appu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
164.	Kalpana	80	90	90	90	90	90	80	90	90	90	90	90	80	70	70	HS	7805	
165.	NBRI Little Pink	60	60	80	80	80	70	70	80	55	55	55	50	55	0	0	S	5355	
166.	IHR5-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
167.	IHR5-8	80	80	90	90	80	80	90	90	70	80	80	70	70	55	45	HS	7052.5	
168.	Arka Usha Kiran	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
169.	Arka Chandrakant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
170.	Arka Chandrika	35	0	45	40	30	30	35	25	20	20	20	20	20	0	0	MS	2117.5	
171.	Arka Yellow Gold	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	245	
172.	Arka Kirti	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	HR	70	
173.	Arka Pink Star	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
174.	Red Stone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HR	0	
175.	Marigold	60	50	70	80	90	80	90	80	100	100	100	60	90	40	30	HS	6510	
	S.E.m±	0.085	0.084	0.085	0.089	0.089	0.092	0.093	0.093	0.101	0.098	0.100	0.090	0.090	0.080	0.076			
	CD at 5%	0.311	0.309	0.312	0.326	0.324	0.337	0.340	0.341	0.368	0.356	0.365	0.329	0.292	0.277				

