

Supplementary Table 1 Field reactions of groundnut genotypes (161–245) against collar rot disease

S. no.	Genotype	Per cent disease incidence		Pooled mean	S. no.	Genotype	Per cent disease incidence		Pooled mean
		2022	2023				2022	2023	
161	HNG-69	15.48	24.62	20.05	206	ICGV-87846	59.8	52.22	56.02
162	ICGV 07270	11.85	13.25	12.55	207	ICGV-92195	22.71	15.85	19.28
163	ICGV-00338	7.29	15.51	11.4	208	ICR-48	33.52	41.88	37.7
164	ICGV-00348	9.84	16.33	13.09	209	ISK-II-18-1	14.29	19.9	17.1
165	ICGV-00350	40.02	32.69	36.36	210	ISK-II-18-12	60.95	53.91	57.43
166	ICGV-00350	20	23.33	21.67	211	ISK-II-18-14	10.89	22.67	16.78
167	ICGV-00351	34.7	33.31	34.01	212	ISK-II-18-15	16.9	27.15	22.03
168	ICGV-02005	39.95	33.33	36.65	213	ISK-II-18-16	44.95	49	46.98
169	ICGV-02038	10.52	7.12	8.82	214	ISK-II-18-18	10.56	17.67	14.12
170	ICGV-02125	9.31	8.7	9	215	ISK-II-18-19	50.98	52.65	51.82
171	ICGV-04017	13.45	12.94	13.2	216	ISK-II-18-20	49	51.64	50.32
172	ICGV-06237	20	18.62	19.31	217	ISK-II-18-22	51.19	49.52	50.36
173	ICGV-06279	9.11	14.17	11.64	218	ISK-II-18-25	19.36	20.62	20
174	ICGV-06319	6.34	8.01	7.18	219	ISK-II-18-4	53.36	45.71	49.54
175	ICGV-07210	16	22.5	19.25	220	ISK-II-18-6	12.32	16.59	14.45
176	ICGV-07211	19.66	16.4	18.03	221	ISK-II-18-9	17.39	25.36	21.38
177	ICGV-07213	12.76	8.19	10.48	222	J-92	11.81	10.48	11.14
178	ICGV-07213	10.52	15.08	12.81	223	Kadiri-71-1	32.69	40.18	36.44
179	ICGV-07214	31.25	13.49	22.37	224	Kisan	17.69	23.93	20.81
180	ICGV-07217	5.98	12.92	9.45	225	KRG-1	42.48	38.1	40.29
181	ICGV-07273	8.39	14.42	11.41	226	LGN-1	36.75	36.11	36.43
182	ICGV-07296	19.94	15.38	17.67	227	MH-4	46.99	51.67	49.33
183	ICGV-07337	12.14	9.52	10.83	228	NARAYANI	35.57	36.67	36.12
184	ICGV-07392	14.25	19.52	16.89	229	OG-52-1	33.86	41.67	37.77
185	ICGV-07395	10.47	14.58	12.53	230	Punjab-1	20.19	17.14	18.67
186	ICGV-07396	9.84	15.29	12.57	231	Raj mungfali 3	32.52	45.9	39.21
187	ICGV-07404	12.66	15.33	14	232	RG-559-3	22.22	18.11	17
188	ICGV-07406	11.26	8.88	10.07	233	RG-638	9.95	19.17	14.56
189	ICGV-07408	22	21.36	21.68	234	Somnath	36.75	38.1	37.43
190	ICGV-10008	17.71	21.89	19.8	235	TAG-24	18.75	20.53	19.64
191	ICGV-13027	16.4	21.11	18.76	236	TAG-24-1	18.93	16.76	17.85
192	ICGV-15296	26.74	21.64	24.19	237	TG-1	19.68	22.43	21.05
193	ICGV-15303	16	9.31	12.66	238	TG-17	17.91	17.12	17.52
194	ICGV-15305	16.31	22.62	19.47	239	TG-26	19.22	22.18	20.7
195	ICGV-15309	15.38	21.59	18.49	240	TG-37A	12.18	4.67	8.43
196	ICGV-2266	16.69	21.46	19.08	241	TG-81	16.38	32.05	24.22
197	ICGV-6285	6.27	6.97	6.63	242	TGIPS-3	24.4	27.08	25.74
198	ICGV-7214	8.57	8.1	8.33	243	TGN-3	18.34	18.7	18.52
199	ICGV-7235	8.17	13.39	10.78	244	Tirupati	18.33	28.57	23.46
200	ICGV-7270	17.50	20	18.75	245	UTTKARSH	42.37	34.43	38.4
201	ICGV-7286	20.5	20.39	20.45		CD ($P=0.05$)		6.23	
202	ICGV-7403	19.05	21.76	20.4					
203	ICGV-7403	5.77	11.88	8.83		SE(m) \pm		2.24	
204	ICGV-86031	10.53	14.29	12.41					
205	ICGV-86031	39.34	41.43	40.39					



Supplementary Table 2 Categorization of groundnut genotypes growing in field conditions based on different reactions

Groups	Disease incidence (%)	Disease reaction	No. of genotypes	Genotypes
1	<15%	Resistant	63	ICGV-07213, GC-126, ICGV-07213, GC-126, ICGV-6285, GC-118-1, ICGV-00338, GC-71, ICGV-07337, ICGV 07270, GC-35, GC-131-1, GC-3, GC-1, ICGV-06279, ICGV-7235, GC-87, ICGV-06319, ICGV-07213, GC-24, GC-08, GC-99, GC-31, ICGV-02038, GC-116, ICGV-07395, GC-132, GC-133, GC-41, GC-34, GC-55, GC-77, GC-37, GC-105, ICGV-07217, ICGV-07273, ICGV-86031, ICGV-07406, GC-131, GC-104, GC-29, GC-100, GC-64, GC-98, ICGV-02125, ICGV-04017, GC-11, GC-121-1, ICGV-07404, ICGV-7403, GC-133, ICGV-7214, GC-65-1, GC-115, ICGV-07396, GC-38, GC-136, GC-76, J-92, TG-37A, ICGV-15303, ICGV-00348, RG-638, ISK-II-18-6, ISK-II-18-18
2	15.1–30%	Moderately resistant	123	GC-47, GC-6, GC-109, GC-107, GC-130, ICGV-92195, ICGV-7270, GC-58, GC-50, GC-59, GC-112, GC-128, GC-75, GC-114-1, ICGV-07408, GC-40, GC-138, GC-124, ICGV-2266, GC-82, ICGV-7403, GC-25, GC-84, GC-139, GC-86-1, GC-21, GC-51, GC-22, GC-106, GC-32, GC-72, GC-140, GC-115, GC-129-1, GC-118, GC-27, GC-30, GC-88, ICGV-06237, GC-23, GC-67, GC-33, GC-97, GC-79, GC-79-1, ICGV-07210, GC-5, ICGV-07211, GC-43, GC-94, GC-48, GC-20, GC-108, GC-80, ICGV-07296, GC-34, GC-91, GC-112, GC-93, GC-68, GC-92, GC-71-1, GC-9, RG-559-3, GC-66, GC-2, ICGV-07392, GC-39, ICGV-7286, GC-81, GC-49, GC-61, GC-28, GC-129, GC-84-1, GC-65, TG-81, DH-256, ICGV-07214, TAG-24, ICGV-10008, ICGV-13027, ICGV-15296, ICGV-15305, ICGV-15309, 14339(68-43), 14383(ROSADO), 14414(SAN-8), 14328(EC-1-1), 14403(BC-119), 14419(PR-4056), 14451(SPA-406-RE), 14459(PI-3560), 14480(SLA-058), 14481(SLA-060), 14484(NNN-17), 14492(NFC-13), ALR-3, Punjab-1, GG-13, Kisan, TG-17, TAG-24, TG-26, Tirupati, Divya, HNG-123, GAVG-1, DH-86, GPBD-4, GG-16, GJG-17, TGIPS-3, ICGV-00350, TGN-3, GJG-9, GPBD-5, ISK-II-18-1, HNG-69, ISK-II-18-9, ISK-II-18-14, ISK-II-18-15, ISK-II-18-25
3	30.1–45%	Susceptible	45	GC-42, GC-36, GC-89, GC-53, GC-7, ICGV-00351, GC-56, GC-911114, ICR-48, GC-113, GC-123, GC-111-1, ICGV-00350, GC-125, GC-137, GC-87, GC-135, GC-26, ICGV-02005, GC-124-1, GC-127, GC-110-1, GC-96, GC-121, GC-111, GC-45, GC-110, GC-83, GC-95, GC-34-1, RAJ MUNGFALI 3, 14341(C-143), 14424 (PB-4), 14333(NCAC-741), Somnath, Kadiri-71-1, KRG-1, ALR-2, OG-52-1, TG-1, LGN-1, GJG-31, ICGV-86031, UTTKARSH, NARAYANI
4	>45%	Highly Susceptible	14	GC-54, GC-86, GC-77-1, GG-8, ICGV-87846, GNH-804, HNG-10, ISK-II-18-4, ISK-II-18-12, ISK-II-18-16, ISK-II-18-19, ISK-II-18-20, ISK-II-18-22, MH-4

