

Supplementary Table 1 Source of genotype collection

S. No.	Genotype Name	Source of Collection	S. No.	Genotype Name	Source of Collection
1	CS 1	Farmers field, Coimbatore, Tamilnadu	45.	CS 102	Jobner, Rajasthan
2.	CS 2	Jobner, Rajasthan	46.	CS 103–CS 131	Coimbatore, Tamil Nadu
3.	CS 3	Jobner, Rajasthan	47.	CS 132	New Delhi
4.	CS 4	Jobner, Rajasthan	48.	CS 133–CS134	Farmers field, Coimbatore, Tamil Nadu
5.	CS 5	Guntur, Andhra Pradesh	49.	CS 135	Jobner, Rajasthan
6.	CS 6	New Delhi	50.	CS 136	Farmers field, Coimbatore, Tamil Nadu
7.	CS 7	Udumalpet, Coimbatore, TamilNadu	51.	CS 137	Hissar, Haryana
8.	CS 8	Hissar, Haryana	52.	CS 138	Jobner, Rajasthan
9.	CS 9	Guntur, Andhra Pradesh	53.	CS 139	Dholi, Bihar
10.	CS 10	Jobner, Rajasthan	54.	CS 140–CS 160	Coimbatore, Tamil Nadu
11.	CS 11	New Delhi	55.	CS 161	Jobner, Rajasthan
12.	CS 12	Farmers field, Coimbatore, TamilNadu	56.	CS 162–CS 200	Coimbatore, Tamil Nadu
13.	CS 13	Guntur, Andhra Pradesh	57.	CS 201	Bangalore, Karnataka
14.	CS 14	Guntur, Andhra Pradesh	58.	CS 202–CS 207	Farmers field, Coimbatore, Tamil Nadu
15.	CS 15	New Delhi	59.	CS 208	Hissar, Haryana
16.	CS 16	Hissar, Haryana	60.	CS 209	Coimbatore, Tamil Nadu
17.	CS 17	Jobner, Rajasthan	61.	CS 210	Guntur, Andhra Pradesh
18.	CS 18	Guntur, Andhra Pradesh	62.	CS 211	Farmers field, Coimbatore, Tamil Nadu
19.	CS 19	Jobner, Rajasthan	63.	CS 212	Jagudan, Gujarat
20.	CS 20	Udumalpet, Coimbatore, TamilNadu	64.	CS 213	Coimbatore, Tamil Nadu
21.	CS 21	Jagudan, Gujarat	65.	CS214–CS 216	Hissar, Haryana
22.	CS 22	Jobner, Rajasthan	66.	CS217–CS 218	Jagudan, Gujarat
23.	CS 23	New Delhi	67.	CS219–CS 220	SKN College of Agrl., Jobner
24.	CS 24	New Delhi	68.	CS 221	Farmers field, Madurai, Tamil Nadu
25.	CS 25–CS 37	Udumalpet, Coimbatore, TamilNadu	69.	CS 222	Farmers field, Jagudan, Gujarat
26.	CS 38	Jobner, Rajasthan	70.	CS 223–CS 224	Jagudan, Gujarat
27.	CS 39–CS 40	Farmers field, Coimbatore, TamilNadu	71.	CS 225–CS 226	Jobner, Rajasthan
28.	CS 41	Jobner, Rajasthan	72.	CS 227–CS 228	Hissar, Haryana
29.	CS 42–CS 46	Farmers field, Coimbatore, TamilNadu	73.	CS 229	Bangalore, Karnataka
30.	CS 47	Mangathur, Tamil Nadu	74.	CS 230	Bangalore, Karnataka
31.	CS 48	Jobner, Rajasthan	75.	CS 231	Hissar, Haryana
32.	CS 49	Coimbatore, Tamil Nadu	76.	CS 232	Hissar, Haryana
33.	CS 50	Jobner, Rajasthan	77.	CS 233	Hissar, Haryana
34.	CS 51–CS 67	Coimbatore, Tamil Nadu	78.	CS 234	Rajasthan
35.	CS 68	Jobner, Rajasthan	79.	CS 235	Rajasthan
36.	CS 69–CS 73	Farmers field, Udumalpet, Coimbatore, Tamil Nadu	80.	CS 236	Rajasthan
37.	CS 74	Morraco	81.	CS 237	Rajasthan
38.	CS 75–CS 92	Coimbatore, Tamil Nadu	82.	CS 236	Bangalore, Karnataka
39.	CS 93	Jobner, Rajasthan	83.	CS 239–CS 244	Jobner, Rajasthan
40.	CS 94	Farmers field, Coimbatore, Tamil Nadu	84.	CS 245–CS 270	Hissar, Haryana
41.	CS 95	Jobner, Rajasthan	85.	CS 271–CS 274	Kumarganj, Faridabad, Haryana
42.	CS 96	Farmers field, Coimbatore, Tamil Nadu	86.	CS 275	Dharwad , Karnataka
43.	CS 97–CS 100	Jobner, Rajasthan			
44.	CS 101	Hissar, Haryana			

Supplementary Table 2 *Per se* performance of coriander genotypes

Genotypes	Plant height	Number of primary branches/ plant	No. of secondary branches/ plant	Number of umbels/ plant	Number of umbellets/ plant	Number of seeds/ umbel	Seed yield/ plot	seed yield/ plant
CS1	40.00	6.00	9.00	26.00	5.33	18.33	100.00	5.50
CS2	37.47	5.67	13.00	21.67	6.00	14.33	100.00	5.50
CS3	45.23	7.00	13.00	26.00	5.00	23.33	150.00	8.25
CS4	55.57	8.00	15.33	39.00	3.00	13.67	110.00	6.05
CS5	54.33	6.67	16.67	32.67	5.00	30.00	150.00	8.25
CS6	53.13	7.33	15.33	26.33	7.00	32.67	120.00	6.60
CS7	58.13	6.67	10.33	23.33	6.00	35.67	100.00	5.50
CS8	50.93	6.33	12.67	28.00	5.33	19.00	120.00	6.60
CS9	43.23	6.67	9.67	23.33	7.00	17.67	108.00	5.94
CS10	52.87	6.33	12.00	25.67	7.33	14.33	120.00	6.60
CS11	64.10	7.33	13.00	24.67	8.00	27.33	100.00	5.50
CS12	58.00	6.67	13.00	25.33	5.67	21.00	120.00	6.60
CS13	60.77	7.67	15.00	40.00	7.33	21.33	112.00	6.16
CS15	60.10	6.33	11.67	27.67	5.67	14.33	108.00	5.94
CS16	53.00	6.00	19.00	31.33	6.67	15.67	105.00	5.78
CS17	53.07	7.00	10.33	24.67	5.00	10.33	100.00	5.50
CS18	52.90	8.00	11.67	24.33	6.33	12.33	120.00	6.60
CS19	47.67	7.00	13.33	23.33	5.00	12.00	102.00	5.61
CS20	61.73	8.00	14.33	31.67	7.33	15.67	112.00	6.16
CS21	61.03	7.33	12.00	27.00	4.67	14.33	100.00	5.50
CS22	56.40	8.00	15.00	32.67	7.67	24.33	150.00	8.25
CS23	49.37	6.67	11.00	23.33	7.67	31.33	170.00	9.35
CS24	56.40	6.00	12.00	20.00	6.00	18.00	118.00	6.49
CS25	55.10	7.00	11.67	18.33	7.67	25.67	150.00	8.25
CS26	40.40	6.67	11.00	21.33	5.00	25.00	110.00	6.05
CS27	40.10	6.33	11.00	17.33	6.67	21.00	100.00	5.50
CS28	53.67	8.00	15.33	25.00	6.33	26.00	160.00	8.80
CS29	49.73	5.67	11.00	22.33	6.33	24.00	120.00	6.60
CS30	53.13	8.33	13.67	24.00	6.67	21.67	130.00	7.15
CS31	36.73	6.00	8.33	19.00	5.00	23.00	150.00	8.25
CS32	54.97	55.97	5.33	9.67	19.00	7.33	115.00	6.33
CS33	36.07	5.67	9.00	18.33	5.33	20.33	110.00	6.05
CS34	52.27	6.33	13.00	20.67	5.33	20.33	120.00	6.60
CS35	48.73	5.33	8.00	20.33	5.00	21.67	100.00	5.50
CS36	53.20	8.00	14.00	20.67	6.00	21.33	110.00	6.05
CS37	42.67	7.67	11.67	27.00	7.67	27.33	104.00	5.72
CS38	54.20	5.67	8.67	18.33	5.00	26.00	125.00	6.88
CS39	57.03	6.67	11.00	21.33	5.33	21.67	116.00	6.38
CS40	36.97	5.67	9.67	19.00	5.67	20.33	114.00	6.27
CS41	44.37	7.00	11.00	24.00	7.00	21.00	120.00	6.60
CS42	34.77	6.33	10.67	20.67	7.00	16.33	125.00	6.88
CS43	43.03	5.67	9.67	21.67	7.67	35.67	170.00	9.35
CS44	38.03	6.33	8.33	20.33	8.00	28.00	150.00	8.25
CS45	36.70	6.00	10.33	22.67	7.67	19.33	120.00	6.60
CS46	52.00	6.00	11.00	21.00	5.67	26.67	112.00	6.16
CS47	46.67	7.00	12.67	23.00	5.33	15.33	115.00	6.33
CS48	55.67	7.00	11.67	25.00	4.33	20.00	100.00	5.50

Supplementary Table 2 (Contd.)

Genotypes	Plant height	Number of primary branches/ plant	No. of secondary branches/ plant	Number of umbels/ plant	Number of umbellets/ plant	Number of seeds/ umbel	Seed yield/ plot	seed yield/ plant
CS50	45.53	7.33	11.00	18.00	7.67	18.33	118.00	6.49
CS51	41.03	7.00	12.33	22.67	6.00	28.33	160.00	8.80
CS52	60.33	7.00	14.33	27.67	7.33	30.33	175.00	9.63
CS53	52.60	6.33	11.00	22.67	6.33	25.00	140.00	7.70
CS54	57.47	8.00	11.00	20.33	7.67	22.00	100.00	5.50
CS55	56.17	8.00	11.67	19.67	7.33	19.33	100.00	5.50
CS56	39.17	6.67	9.67	19.67	6.67	19.00	105.00	5.78
CS57	39.37	6.33	10.00	25.00	7.00	22.00	90.00	4.95
CS58	53.33	7.33	10.67	15.00	4.67	26.67	170.00	9.35
CS59	57.33	7.33	11.33	20.00	7.67	20.33	119.00	6.55
CS60	58.33	6.67	9.00	20.67	6.67	27.67	150.00	8.25
CS61	56.10	6.33	12.33	18.67	8.00	27.67	160.00	8.80
CS62	52.53	6.33	10.67	21.00	5.67	19.33	150.00	8.25
CS63	57.47	8.00	11.00	22.00	6.67	30.00	200.00	11.00
CS64	48.70	6.33	11.00	23.67	5.67	28.33	170.00	9.35
CS65	42.07	5.00	8.00	17.33	5.67	27.67	140.00	7.70
CS66	47.00	5.67	10.00	22.33	6.00	24.33	120.00	6.60
CS67	41.37	7.00	9.67	21.33	5.67	10.33	115.00	6.33
CS68	43.80	4.67	6.00	19.00	7.00	36.33	170.00	9.35
CS69	42.57	6.00	7.00	16.00	5.00	20.33	150.00	8.25
CS70	43.80	6.00	11.33	23.00	6.00	23.33	110.00	6.05
CS71	58.17	7.67	11.33	23.33	8.33	42.33	150.00	8.25
CS72	43.27	6.67	7.33	16.33	6.67	30.67	160.00	8.80
CS73	41.83	7.67	11.67	16.33	8.00	36.67	150.00	8.25
CS74	53.97	6.00	8.00	22.33	6.00	29.33	200.00	11.00
CS75	56.33	7.67	16.00	24.67	5.00	30.33	100.00	5.50
CS76	40.20	5.67	10.00	18.33	5.00	26.67	125.00	6.88
CS77	56.73	6.33	12.00	22.33	8.33	49.33	140.00	7.70
CS78	54.60	6.33	11.67	22.33	8.33	49.33	130.00	7.15
CS79	54.60	7.67	15.00	26.00	7.00	26.67	125.00	6.88
CS80	56.53	8.00	14.33	24.67	6.67	37.67	100.00	5.50
CS81	39.20	6.33	8.00	22.67	7.00	51.67	150.00	8.25
CS83	44.87	6.33	10.33	25.33	8.00	39.33	115.00	6.33
CS84	48.53	6.33	13.33	27.33	5.33	28.33	100.00	5.50
CS85	39.33	7.67	13.33	19.67	4.33	25.00	140.00	7.70
CS86	53.23	6.33	7.67	19.33	5.67	35.33	135.00	7.43
CS87	47.67	6.00	8.00	17.33	6.33	34.33	125.00	6.88
CS88	51.90	7.00	13.33	28.33	8.33	51.00	110.00	6.05
CS89	55.97	7.67	9.00	20.00	5.00	25.33	120.00	6.60
CS90	55.70	6.33	8.00	17.33	5.67	33.33	140.00	7.70
CS91	56.70	7.67	8.00	26.00	6.33	33.67	150.00	8.25
CS92	55.27	7.33	11.67	30.00	5.00	27.67	100.00	5.50
CS93	54.93	8.67	11.67	31.33	6.33	38.67	120.00	6.60
CS94	56.27	6.67	11.67	23.00	7.00	34.33	112.00	6.16
CS95	53.60	8.00	11.67	23.33	6.67	37.00	150.00	8.25
CS96	44.37	6.67	7.67	27.67	5.67	36.67	170.00	9.35
CS97	50.07	7.00	13.33	27.67	4.67	25.00	170.00	9.35

Supplementary Table 2 (Contd.)

Genotypes	Plant height	Number of primary branches/ plant	No. of secondary branches/ plant	Number of umbels/ plant	Number of umbellets/ plant	Number of seeds/ umbel	Seed yield/ plot	seed yield/ plant
CS98	63.57	7.33	13.00	26.33	6.00	24.33	160.00	8.80
CS99	46.27	6.33	8.00	22.00	8.33	42.67	145.00	7.98
CS100	62.37	6.67	14.33	35.00	7.33	41.67	120.00	6.60
CS101	54.33	7.33	15.33	27.67	6.67	27.67	130.00	7.15
CS102	47.33	6.67	12.33	20.33	6.33	40.00	200.00	11.00
CS103	47.63	6.00	8.33	22.00	5.00	26.33	190.00	10.45
CS104	52.43	7.67	12.33	26.67	6.67	39.33	180.00	9.90
CS105	58.67	6.67	9.67	23.00	7.67	43.67	125.00	6.88
CS106	61.17	6.67	9.67	23.00	7.67	43.67	100.00	5.50
CS107	61.87	7.67	13.00	26.67	5.33	40.00	140.00	7.70
CS108	59.90	7.00	15.00	25.00	5.67	40.33	200.00	11.00
CS109	60.57	7.00	7.67	22.67	7.33	36.67	215.00	11.83
CS110	61.20	7.33	13.00	25.00	4.67	28.67	120.00	6.60
CS112	58.23	6.00	11.00	19.00	6.00	44.33	115.00	6.33
CS113	60.00	6.33	14.33	28.00	5.00	27.33	100.00	5.50
CS114	58.10	7.00	11.33	24.00	6.00	30.00	90.00	4.95
CS115	58.63	7.67	16.67	30.67	5.67	25.00	180.00	9.90
CS116	59.90	7.00	20.67	26.33	7.00	39.33	140.00	7.70
CS117	60.37	7.00	13.33	23.00	7.00	35.00	112.00	6.16
CS118	61.00	8.67	8.67	26.33	4.33	26.33	115.00	6.33
CS119	63.67	7.00	13.33	21.67	5.67	33.00	120.00	6.60
CS120	61.63	6.67	15.67	26.67	8.33	48.67	125.00	6.88
CS121	59.43	7.67	17.33	28.67	6.33	41.67	150.00	8.25
CS122	60.00	5.67	13.00	23.00	6.00	26.67	115.00	6.33
CS123	52.90	7.00	18.00	20.33	6.00	30.00	120.00	6.60
CS124	61.03	6.67	17.33	30.67	6.00	30.00	150.00	8.25
CS125	50.73	6.33	15.33	20.00	7.67	47.00	140.00	7.70
CS126	54.43	8.67	11.33	24.33	7.67	45.67	145.00	7.98
CS127	56.40	7.00	10.33	21.67	5.67	26.67	200.00	11.00
CS128	60.43	6.67	12.00	24.67	5.33	22.67	225.00	12.38
CS129	60.00	7.33	11.00	32.33	5.33	29.33	170.00	9.35
CS130	57.23	6.33	12.33	37.67	5.67	29.67	140.00	7.70
CS131	58.80	7.67	14.00	30.33	8.67	50.67	150.00	8.25
CS132	60.97	7.33	16.67	34.00	7.67	35.00	170.00	9.35
CS133	61.97	7.67	14.67	33.33	5.67	32.33	180.00	9.90
CS134	58.27	7.67	14.67	33.33	5.67	34.00	150.00	8.25
CS135	65.20	7.00	17.00	45.00	5.00	35.00	170.00	9.35
CS136	59.57	6.67	15.00	33.33	4.33	26.67	170.00	9.35
CS137	57.43	8.00	14.67	25.67	4.33	21.00	160.00	8.80
CS138	53.57	6.67	13.67	31.00	5.67	33.33	155.00	8.53
CS139	59.53	6.67	19.00	34.33	6.33	30.00	140.00	7.70
CS140	36.10	6.00	16.33	24.33	8.33	44.33	150.00	8.25
CS141	36.10	6.67	12.33	23.00	5.33	30.00	200.00	11.00
CS142	58.10	6.00	15.33	23.67	5.67	29.67	225.00	12.38
CS143	56.80	6.00	12.00	21.00	6.33	33.67	174.00	9.57
CS144	61.07	8.67	15.67	23.67	7.00	27.67	166.00	9.13
CS145	61.03	7.00	16.67	24.67	7.33	33.33	100.00	5.50

Supplementary Table 2 (Contd.)

Genotypes	Plant height	Number of primary branches/ plant	No. of secondary branches/ plant	Number of umbels/ plant	Number of umbellets/ plant	Number of seeds/ umbel	Seed yield/ plot	seed yield/ plant
CS146	52.87	6.67	11.00	21.33	5.67	26.67	200.00	11.00
CS147	58.73	6.33	16.00	23.33	6.67	40.33	220.00	12.10
CS148	59.00	6.67	16.00	28.67	5.67	29.67	170.00	9.35
CS149	56.40	8.33	19.33	31.00	7.67	44.33	190.00	10.45
CS150	60.67	7.33	11.33	21.33	5.67	36.33	175.00	9.63
CS151	63.07	6.67	11.00	21.33	5.67	32.33	145.00	7.98
CS152	46.77	5.67	7.67	11.67	7.00	43.67	130.00	7.15
CS153	68.37	7.00	17.33	25.67	6.33	29.33	110.00	6.05
CS154	28.90	5.67	8.67	23.00	7.67	48.67	120.00	6.60
CS155	47.33	6.33	19.67	25.00	5.00	21.67	110.00	6.05
CS156	52.90	6.33	19.67	25.00	5.00	21.67	180.00	9.90
CS157	57.63	7.00	8.33	19.33	5.33	24.33	185.00	10.18
CS158	67.33	8.67	19.00	22.33	4.33	25.00	160.00	8.80
CS159	33.20	8.00	7.33	18.00	6.00	53.33	150.00	8.25
CS160	42.13	8.00	11.00	26.33	7.33	44.00	190.00	10.45
CS161	27.17	5.00	7.33	14.33	6.00	43.00	200.00	11.00
CS162	24.73	4.67	7.33	14.33	6.00	43.00	220.00	12.10
CS163	63.93	14.33	11.67	23.67	7.67	40.00	160.00	8.80
CS164	60.47	7.00	7.67	21.00	8.67	46.00	170.00	9.35
CS165	59.77	7.00	13.33	26.67	5.33	29.67	150.00	8.25
CS166	28.43	7.33	15.00	21.67	6.33	35.67	250.00	13.75
CS167	61.43	8.33	18.67	32.00	5.33	31.00	200.00	11.00
CS168	59.00	9.00	15.67	26.67	5.67	21.00	170.00	9.35
CS169	53.20	6.33	11.33	19.33	5.33	25.00	150.00	8.25
CS170	51.70	6.00	10.33	25.00	5.00	26.33	180.00	9.90
CS171	49.43	5.33	8.00	13.33	5.67	33.00	190.00	10.45
CS172	62.23	6.67	11.33	18.00	4.67	28.33	225.00	12.38
CS173	55.20	7.00	16.33	18.67	6.00	34.67	170.00	9.35
CS174	46.30	5.33	7.33	11.33	6.67	40.67	190.00	10.45
CS175	52.97	6.67	9.00	19.33	7.00	44.33	120.00	6.60
CS176	35.37	5.67	11.67	25.33	5.67	31.67	150.00	8.25
CS177	47.70	5.67	11.00	18.33	7.33	35.00	170.00	9.35
CS178	51.63	5.67	8.33	28.67	4.33	23.00	200.00	11.00
CS179	56.90	8.00	17.67	33.33	6.33	35.00	170.00	9.35
CS180	52.17	6.00	15.33	18.67	5.67	30.00	160.00	8.80
CS181	52.10	7.00	14.33	22.00	7.33	40.33	170.00	9.35
CS182	51.87	7.33	14.67	26.67	5.00	25.33	150.00	8.25
CS183	55.63	8.67	13.67	22.00	6.00	34.33	160.00	8.80
CS184	50.03	6.67	8.00	19.00	5.67	26.67	150.00	8.25
CS185	54.93	6.00	9.00	13.33	8.00	43.67	200.00	11.00
CS186	54.27	6.67	10.33	17.67	5.00	26.67	200.00	11.00
CS187	56.67	7.33	15.67	20.67	5.67	33.33	250.00	13.75
CS188	50.33	7.67	12.00	17.67	5.33	30.00	140.00	7.70
CS189	54.03	6.67	19.00	19.00	5.00	30.67	120.00	6.60
CS190	59.20	9.00	19.00	23.33	5.67	30.33	290.00	15.95
CS191	59.57	7.67	14.67	23.67	6.67	34.33	170.00	9.35
CS192	61.27	8.00	13.33	19.33	5.00	31.67	150.00	8.25

Supplementary Table 2 (Contd.)

Genotypes	Plant height	Number of primary branches/ plant	No. of secondary branches/ plant	Number of umbels/ plant	Number of umbellets/ plant	Number of seeds/ umbel	Seed yield/ plot	seed yield/ plant
CS193	49.20	7.33	11.67	27.00	6.00	33.67	150.00	8.25
CS194	50.53	6.00	14.67	23.00	5.67	30.67	250.00	13.75
CS195	60.87	7.33	16.00	28.33	5.67	35.33	270.00	14.85
CS196	60.97	9.00	23.00	35.33	5.00	31.33	200.00	11.00
CS197	59.87	8.00	15.67	23.67	4.00	22.33	150.00	8.25
CS198	59.63	6.67	9.67	21.00	5.33	37.00	140.00	7.70
CS199	58.53	7.00	16.67	21.33	5.33	27.00	190.00	10.45
CS200	51.90	6.33	12.00	17.67	7.00	44.67	170.00	9.35
CS201	51.63	6.67	12.00	17.00	5.67	30.33	220.00	12.10
CS202	41.33	6.00	13.67	17.67	5.67	29.67	150.00	8.25
CS203	49.50	6.00	14.00	23.00	5.00	26.67	200.00	11.00
CS204	52.87	6.67	16.33	20.33	5.33	32.00	220.00	12.10
CS205	61.83	7.33	20.00	30.00	5.00	26.00	170.00	9.35
CS206	66.50	9.00	19.33	29.33	5.33	30.00	100.00	5.50
CS207	60.20	9.00	15.67	22.00	6.00	35.00	150.00	8.25
CS208	58.77	8.00	19.67	31.00	5.67	31.67	170.00	9.35
CS209	58.77	6.67	13.33	29.67	5.67	24.67	140.00	7.70
CS210	55.43	7.00	16.00	20.00	5.33	30.00	120.00	6.60
CS211	59.70	7.67	14.67	24.33	8.33	50.33	110.00	6.05
CS212	53.27	6.33	14.67	24.00	6.00	35.00	150.00	8.25
CS213	47.20	6.67	7.67	16.33	4.67	25.00	220.00	12.10
CS214	54.80	7.67	21.00	30.33	8.00	39.67	250.00	13.75
CS215	61.33	6.67	10.00	25.33	8.33	46.00	260.00	14.30
CS216	54.20	6.00	12.00	26.67	5.33	30.33	200.00	11.00
CS217	58.40	7.00	14.00	31.00	4.00	19.67	150.00	8.25
CS218	51.13	7.33	7.67	20.33	5.00	28.67	250.00	13.75
CS219	48.20	7.00	14.00	21.67	5.00	31.67	200.00	11.00
CS220	46.20	7.00	15.33	22.33	5.00	35.33	170.00	9.35
CS221	57.53	8.00	17.00	28.00	5.33	27.67	150.00	8.25
CS222	66.83	7.67	14.67	24.67	6.33	37.67	140.00	7.70
CS223	54.13	7.67	14.67	25.67	6.00	30.00	160.00	8.80
CS224	50.37	5.67	8.33	19.33	5.33	22.33	200.00	11.00
CS225	53.17	7.00	11.00	26.00	5.00	23.33	170.00	9.35
CS226	57.93	7.33	11.33	31.67	5.67	24.67	150.00	8.25
CS227	63.20	8.67	18.67	30.67	4.33	24.67	140.00	7.70
CS228	51.67	6.67	13.67	18.00	5.00	25.00	160.00	8.80
CS229	44.20	6.00	11.67	25.00	6.33	28.67	150.00	8.25
CS230	39.63	6.33	12.00	19.67	5.33	33.67	170.00	9.35
CS231	52.67	6.67	13.00	24.33	5.67	23.33	200.00	11.00
CS232	56.53	7.00	12.67	25.00	6.00	28.67	220.00	12.10
CS233	55.90	7.33	16.33	28.00	7.67	40.00	225.00	12.38
CS234	50.37	6.67	11.33	17.33	5.67	26.33	200.00	11.00
CS235	61.80	8.33	19.00	33.33	5.00	25.00	160.00	8.80
CS236	57.37	8.33	15.67	28.67	6.67	29.67	150.00	8.25
CS237	61.93	8.00	22.33	29.33	4.67	22.33	120.00	6.60
CS238	57.20	8.00	15.67	31.67	6.00	26.33	170.00	9.35
CS239	51.83	8.00	14.00	20.33	6.33	32.33	200.00	11.00

Supplementary Table 2 (Concluded)

Genotypes	Plant height	Number of primary branches/ plant	No. of secondary branches/ plant	Number of umbels/ plant	Number of umbellets/ plant	Number of seeds/ umbel	Seed yield/ plot	seed yield/ plant
CS240	66.27	9.00	20.33	25.67	6.00	29.67	220.00	12.10
CS241	53.80	8.00	10.33	18.67	4.00	16.00	250.00	13.75
CS242	59.63	6.67	11.67	24.33	6.33	29.67	160.00	8.80
CS243	59.30	7.00	13.00	21.33	5.33	26.33	220.00	12.10
CS244	50.27	6.67	11.00	22.33	5.33	26.67	250.00	13.75
CS245	52.93	6.00	10.67	24.00	7.67	32.33	200.00	11.00
CS246	45.47	6.00	9.33	20.00	4.67	21.67	270.00	14.85
CS247	42.43	6.00	9.00	22.33	4.00	21.00	300.00	16.50
CS248	37.43	5.33	11.67	20.00	5.67	31.33	250.00	13.75
CS249	47.53	6.67	13.33	22.00	3.67	19.67	160.00	8.80
CS250	39.90	5.67	8.67	20.00	5.33	26.33	175.00	9.63
CS251	31.73	6.33	13.33	18.33	6.00	31.67	165.00	9.08
CS252	30.57	7.00	13.33	20.00	5.33	37.00	145.00	7.98
CS253	42.90	5.67	8.67	22.00	5.33	23.33	130.00	7.15
CS254	47.37	6.67	10.67	17.67	6.33	29.67	120.00	6.60
CS255	41.53	5.33	8.67	21.33	5.00	23.00	100.00	5.50
CS256	46.43	6.33	8.67	21.33	5.00	30.00	170.00	9.35
CS257	41.10	6.67	10.67	19.33	5.00	23.00	135.00	7.43
CS258	47.77	4.67	11.67	21.67	6.33	35.00	190.00	10.45
CS259	40.77	6.00	11.33	17.33	5.00	26.67	200.00	11.00
CS260	40.57	5.33	6.00	20.00	5.67	33.33	220.00	12.10
CS261	35.90	6.67	8.67	19.67	5.33	24.33	215.00	11.83
CS262	47.77	6.67	12.33	18.67	5.67	23.00	170.00	9.35
CS263	46.93	5.00	11.67	20.67	5.00	26.33	170.00	9.35
CS264	55.97	5.00	8.33	19.33	4.67	23.33	190.00	10.45
CS265	38.90	6.67	15.33	27.33	6.67	31.67	220.00	12.10
CS266	29.17	6.67	15.33	27.33	6.67	31.67	250.00	13.75
CS267	38.90	5.67	7.67	26.67	5.67	23.33	200.00	11.00
CS268	33.97	6.00	11.33	29.67	5.00	21.33	170.00	9.35
CS269	42.43	6.67	11.33	28.00	5.00	21.33	190.00	10.45
CS270	38.80	6.33	10.67	27.67	5.67	26.67	210.00	11.55
CS271	37.43	6.00	12.00	22.00	7.00	38.33	160.00	8.80
CS272	35.27	7.00	12.00	16.33	4.67	24.67	260.00	14.30
CS273	36.30	4.33	7.00	19.00	6.33	33.33	180.00	9.90
CS274	43.47	5.67	8.67	22.33	6.00	26.33	210.00	11.55
CS275	48.37	7.00	12.33	25.33	4.67	29.67	190.00	10.45
CO1	49.73	6.83	15.77	21.20	6.18	36.54	225.42	12.15
CO2	50.38	4.98	9.29	28.23	5.99	26.31	249.68	13.74
CO3	39.07	4.32	8.32	20.66	4.99	26.35	300.15	16.48
CO (CR) 4	29.73	6.18	9.20	32.18	5.21	25.19	280.38	15.66
Mean	51.71	7.04	12.48	23.60	6.07	29.59	159.21	8.67
Min	24.73	4.32	5.33	9.67	3.00	7.33	90.00	4.95
Max	68.37	14.33	23.00	45.00	19.00	53.33	300.15	16.50
SD	8.77	1.02	3.34	5.07	1.34	8.44	44.14	2.43
SE	0.53	0.06	0.20	0.31	0.08	0.51	2.66	0.15
CV(%)	17.00	14.95	26.83	21.47	22.05	28.53	27.72	27.73

Supplementary Table 3 Direct (diagonal) and indirect effects (non-diagonal) of different characters on seed yield in coriander

Traits	PH	NPB	NSP	NUP	NUBP	NSU	SYP
PH	-0.139	0.037	0.035	-0.039	-0.011	0.019	-0.099
NPB	-0.025	0.208	0.002	0.004	-0.215	-0.045	-0.071
NSB	-0.062	0.005	0.078	-0.054	0.043	0.011	0.021
NUP	-0.056	-0.009	0.043	-0.098	0.044	-0.007	-0.083
NUBP	-0.004	0.119	-0.009	0.011	-0.377	0.106	-0.154
NSU	-0.008	-0.028	0.003	0.002	-0.123	0.326	0.172

PH, Plant height; NPB, Number of primary branches; NSB, Number of secondary branches; NUP, Number of umbels/plant; NUBP, Number of umbellets/plant; NSU, Number of seeds/umbellet; SYP, Seed yield/plant.

Supplementary Table 4 Loading of each traits onto principal components

Variables	PC1	PC2	PC3	PC4
Plant height (cm)	0.309	0.418	-0.209	0.036
Number of primary branches	0.221	-0.148	-0.544	0.534
Number of secondary branches	0.208	0.568	-0.082	0.015
Number of umbels/plant	0.259	0.527	0.023	-0.03
Number of umbellets.plant	0.194	-0.279	-0.63	-0.106
Number of seeds/umbel	-0.12	0.052	-0.388	-0.802
Seed yield/plot (g)	-0.589	0.247	-0.23	0.17
Seed yield/plant (g)	-0.589	0.247	-0.231	0.17
Eigen value	2.211	1.904	1.578	1.058
Per cent Variance	27.635	23.801	19.722	13.227
Cumulative Variance	27.635	51.436	71.158	84.386