

Table S1. Genetic inheritance analysis of a mapping population phenotyped for cell membrane stability (CMS) and number of pod per plant (NPP) traits in chickpea

Parental accessions and mapping population used	Mean						Range						Coefficient of variation (CV)						Heritability (%)					
	CMS			NPP			CMS			NPP			CMS			NPP			CMS			NPP		
	Control Unstress	Heat Stress	% Loss	Control Unstress	Heat Stress	% Loss	Control Unstress	Heat Stress	% Loss	Control Unstress	Heat Stress	% Loss	Control Unstress	Heat Stress	% Loss	Control Unstress	Heat Stress	% Loss	Control Unstress	Heat Stress	% Loss	Control Unstress	Heat Stress	% Loss
DCP 92-3	50.30 ± 1.47	31.68 ± 1.40	38.30 ± 0.42	70.00 ± 1.41	30.00 ± 1.07	56.81 ± 1.50	46.80 to 52.80	28.40 to 35.40	37.40 to 39.30	66.00 to 74.00	27.00 to 33.00	54.20 to 62.50	5.88	9.31	2.08	4.57	7.90	5.90	87.64	82.56	83.42	95.67	93.41	92.65
ICCV 92944	60.05 ± 1.64	47.63 ± 0.80	20.60 ± 1.33	63.40 ± 1.08	46.40± 0.93	26.60 ± 2.40	56.70 to 64.30	45.50 to 49.30	18.91 to 24.57	60.00 to 66.00	44.00 to 49.00	18.30 to 32.30	5.40	3.40	12.91	1.70	4.52	20.30	86.32	81.48	81.24	94.58	92.57	91.83
DCP 92-3 × ICCV 92944 (F _{2:3})	57.83 ± 0.63	31.59 ± 0.78	44.60 ± 1.33	90.30 ± 1.08	41.10 ± 0.90	53.00 ± 1.22	37.00 to 74.70	15.20 to 65.20	1.25 to 78.70	54.00 to 122.00	8.00 to 68.00	5.10 to 89.00	15.80	35.64	43.04	17.10	31.63	33.16	78.53	62.42	65.87	92.76	90.50	91.45