

Table 1 Estimates of range, mean and different genetic parameters for yield and yield attributing traits in M₃ generation of mutants of sunflower variety Morden

Characters	Mean	Range		GCV	PCV	h ² (%)	GA	GAM
		Min.	Max.					
Days to 50% flowering	63.82	58.00	70.64	5.76	7.82	54.37	5.59	8.76
Days to maturity	99.04	84.50	107.00	4.31	5.49	61.58	6.90	6.96
Plant height (cm)	87.47	61.60	151.50	22.46	22.96	95.69	39.59	45.27
Stem diameter (cm)	1.84	1.39	3.05	13.98	17.86	61.30	0.42	22.55
Head diameter (cm)	14.60	10.80	19.45	10.88	14.26	58.18	2.49	17.09
100 seed weight (g)	4.70	3.00	7.93	19.25	21.55	79.81	1.66	35.43
Seed filling (%)	60.47	36.12	83.32	14.86	19.54	57.86	14.08	23.29
Hull content (%)	35.61	19.85	56.88	14.83	20.01	54.90	8.06	22.63
Oil content (%)	29.67	21.35	38.50	14.32	15.35	87.05	8.16	27.52
Seed yield (g/plant)	22.88	10.75	53.25	37.28	41.70	79.89	15.71	68.64
Seed yield (Kg/ha)	1637.14	760.42	3766.75	37.28	41.72	79.88	0.30	68.64
Oil yield (Kg/ha)	500.14	200.50	1315.35	49.56	52.95	87.61	0.13	95.56