

Table 5. Analysis of variance for studied traits of populations I and II in the F4 and F5 generations

		S.O.V.	d.f.	FD	MD	PH	BN	PN	PW	SN	BY	HI	SI	SY
F4 generation	Population I	A) Families												
		Rep	2	6.49	16.73	*86.00	0.99	3.18	64.52	21.54	119.29	4.75	138.30	21.07
		Families	49	**91.72	**58.62	**419.38	**9.11	**126.36	**1788.15	**1250.16	**7948.74	**331.04	**949.64	**1118.59
		Error	98	1.25	3.16	12.33	0.41	4.98	142.95	76.90	237.30	9.03	109.80	74.57
		B) Entries												
		Rep	2	7.11	17.11	87.51	0.93	2.87	52.42	25.86	126.51	6.88	155.92	22.57
		Entries	52	**98.88	**62.74	**409.81	**8.86	**124.24	**1692.69	**1205.89	**7749.51	**326.54	**936.10	**1055.66
	Error	104	1.18	3.00	11.78	0.39	4.80	135.62	74.16	223.77	8.82	106.26	70.72	
	Population II	A) Families												
		Rep	2	1.31	0.45	*143.63	*12.88	7.56	*203.18	68.79	199.38	7.78	17.58	*100.10
		Families	49	**77.26	**36.49	**493.23	**6.83	**203.96	**4776.98	**2488.89	**9684.76	**457.87	**2066.12	**3265.92
		Error	98	0.93	1.77	18.60	0.40	1.17	19.11	8.65	434.90	21.58	12.47	12.14
		B) Entries												
		Rep	2	0.93	0.36	**137.81	**13.20	*7.06	*198.44	63.17	191.87	8.60	18.27	97.08
Entries		52	**75.85	**53.67	**479.35	**7.44	**206.32	**4678.14	**2433.09	**9705.61	**453.45	**1983.70	**3172.44	
Error	104	0.91	1.68	17.91	0.39	1.16	19.03	8.92	410.61	20.66	11.96	12.20		
F5 generation	Population I	A) Families												
		Rep	2	8.10	*12.03	32.87	0.69	*37.57	597.29*	585.09	955.63	23.81	762.59*	313.65
		Families	9	**167.22	**21.64	399.60	**1.60	**116.01	**778.75	415.00	**1258.59	*132.18	*595.04	418.89
		Error	18	21.73	2.70	16.15	0.19	8.19	226.74	180.92	336.60	42.87	227.46	208.91
		B) Entries												
		Rep	2	8.21	*14.52	27.60	0.44	*28.08	482.84	479.41	713.94	14.48	562.19	228.05
		Entries	12	**146.98	**24.24	**377.59	**1.89	**94.40	**1069.35	*344.84	**2176.06	**176.92	*534.58	326.02
	Error	24	17.68	2.26	12.61	0.17	7.10	179.83	145.65	275.01	33.22	187.62	165.18	
	Population II	A) Families												
		Rep	2	5.73	1.63	*109.62	0.32	15.82	36.01	461.93	14.60	47.78	3.70	187.29
		Families	9	**53.42	**12.37	**499.03	**1.55	**109.50	**1701.67	**1293.92	**2529.10	**199.01	**607.34	**1480.06
		Error	18	17.18	5.37	58.30	0.30	9.60	395.73	271.28	400.31	37.22	79.60	263.99
		B) Entries												
		Rep	2	0.89	0.46	90.84	0.40	10.31	32.35	337.25	15.17	31.64	3.97	132.28
Entries		12	**71.56	*10.64	**426.44	*1.60	**98.57	**1657.94	**1047.36	**2011.40	**195.21	**530.86	**1297.87	
Error	24	14.66	4.50	45.74	0.23	7.84	298.80	215.27	307.99	29.87	60.04	204.04		

*, **: Significant at 0.05 and 0.01 levels of probability, respectively.