

**Table 2.** Mean, phenotypic (PCV) and genotypic (GCV) coefficients of variation for studied traits in base population and the two cycles of selection under different selection criteria.

Selection criteria			Plant height	Spike length	No. of spikes/plant	Biological yield/plant	Grain yield/plant	Harvest index	Seed index
Base	Mean		115.00	9.71	9.75	50.95	15.58	30.59	4.71
	PCV		11.71	10.75	19.17	23.21	30.25	18.57	10.75
	GCV		10.75	10.25	17.14	22.35	28.86	17.05	10.25
Biological yield/plant	Mean	C1	100.61	10.05	10.78	<b>55.42</b>	17.51	31.56	5.17
		C2	106.67	9.67	9.01	<b>47.42</b>	14.98	32.27	5.60
	PCV	C1	7.84	10.99	12.85	<b>15.77</b>	24.37	18.20	10.54
		C2	8.90	6.89	8.12	<b>20.68</b>	17.43	18.12	10.32
	GCV	C1	6.08	7.69	6.95	<b>14.18</b>	23.43	17.55	9.01
		C2	7.65	4.99	6.73	<b>19.74</b>	16.65	14.61	9.07
No. of spikes/plant	Mean	C1	97.91	9.74	<b>11.19</b>	56.45	15.52	32.93	5.09
		C2	104.19	10.03	<b>9.12</b>	52.18	17.08	33.19	5.33
	PCV	C1	7.68	11.75	<b>14.62</b>	16.71	24.25	18.95	10.45
		C2	6.50	5.75	<b>12.68</b>	25.53	25.84	13.70	6.12
	GCV	C1	5.92	9.19	<b>11.70</b>	15.12	23.37	18.37	8.73
		C2	5.60	3.43	<b>10.73</b>	24.27	24.54	12.57	1.58
Harvest index	Mean	C1	98.00	9.80	10.91	54.51	17.73	<b>32.40</b>	5.09
		C2	99.17	9.37	9.00	41.34	16.45	<b>37.19</b>	5.70
	PCV	C1	8.05	11.04	13.16	15.29	25.43	<b>18.58</b>	10.20
		C2	5.21	8.63	9.88	25.13	23.55	<b>10.01</b>	12.06
	GCV	C1	6.11	6.88	8.00	13.81	24.61	<b>18.00</b>	8.91
		C2	4.67	6.69	6.14	23.44	21.94	<b>8.88</b>	10.85
Grain yield/plant	Mean	C1	100.61	10.05	10.78	55.82	<b>17.51</b>	31.56	5.16
		C2	102	9.67	8.87	48.52	<b>17.22</b>	35.79	5.63
	PCV	C1	7.61	13.27	16.61	18.43	<b>23.77</b>	17.73	10.04
		C2	6.84	5.63	6.77	16.98	<b>17.64</b>	9.10	10.28
	GCV	C1	5.55	10.60	7.87	17.09	<b>22.76</b>	16.91	8.51
		C2	4.73	3.83	5.08	14.18	<b>15.82</b>	7.47	9.02
Grain yield/plant (LS*)	Mean	C2	100.33	9.77	10.46	58.21	18.35	35.39	5.44
	PCV	C2	7.25	6.24	9.18	17.13	5.01	18.11	10.81

	GCV	C2	4.69	4.98	4.01	16.92	3.08	17.75	9.64
Generation	Mean	C1	99.80	9.99	10.75	53.54	16.96	31.83	5.00
		C2	104.34	9.89	9.16	46.27	14.62	32.34	6.01

\*(LS), Selection in late generation (F5)

C1: First cycle of selection.

C2: Second cycle of selection.