

Table 2. Stability parameters for different characters as per Eberhart and Russell(1966) in finger millet (*Eleusine coracana* (L.) Gaertn)

S.No.	Genotypes	Days to 50% flowering			Productive tillers plant ¹			Fingers ear ¹			Length of finger		
		\bar{X}	b	S ² d	\bar{X}	b	S ² d	\bar{X}	b	S ² d	\bar{X}	b	S ² d
1	GE 1035	67.28	0.57* ± 0.103	0.57**	4.47	1.30 ± 0.18	-0.025	6.65	1.34 ± 0.81	0.43**	6.05	0.24 ± 0.56	0.007
2	VMEC 219	61.97	1.17* ± 0.072	0.09	3.77	1.31 ± 0.07	0.045	6.64	2.11 ± 0.67	0.25**	7.27	0.21 ± 0.87	0.14**
3	GE 2999	74.35	2.08* ± 0.040	-0.25	6.20	-0.04* ± 0.16	0.202**	7.88	1.50 ± 0.36	0.004	9.76	-1.46 ± 1.30	0.43**
4	VMEC 226	74.57	1.01 ± 0.081	0.19	5.08	0.55 ± 0.26	0.035	8.79	-0.87* ± 0.60	0.19**	8.64	2.63* ± 0.71	0.064
5	GE 4468	63.31	0.82* ± 0.067	0.001	6.93	0.66 ± 0.29	0.065	7.32	-1.03* ± 0.42	0.045	5.57	-0.30 ± 0.89	0.16**
6	GE 532	68.54	2.51* ± 0.066	-0.01	6.62	1.20 ± 0.23	0.005	9.48	0.24 ± 0.64	0.23**	4.72	2.79 ± 1.13	0.31**
7	GE 3790	71.88	0.51* ± 0.062	-0.05	3.88	1.16 ± 0.26	0.034	6.25	2.32 ± 0.44	0.054	7.20	-1.42* ± 0.87	0.14**
8	VMEC 210	63.71	0.60* ± 0.072	0.07	3.96	0.69 ± 0.34	0.127**	6.64	2.39 ± 0.61	0.20**	4.20	-1.28* ± 1.02	0.24**
9	GE 1240	65.21	0.76* ± 0.065	-0.02	3.71	1.10 ± 0.17	-0.036	6.96	0.55 ± 0.26	-0.044	4.92	-0.20 ± 1.54	0.64**
10	GE 1683	65.05	0.64* ± 0.122	0.96**	4.84	-0.02* ± 0.22	0.002	7.22	-0.74* ± 0.48	0.084*	7.05	1.43 ± 0.88	0.15**
11	GE 3363	57.92	0.63* ± 0.103	0.57**	6.40	1.96* ± 0.30	0.072*	7.06	0.25 ± 0.58	0.17**	5.37	1.48 ± 0.60	0.022
12	GE 2869	67.59	0.86* ± 0.044	-0.23	6.93	1.75 ± 0.47	0.315**	6.24	0.75 ± 0.47	0.077	3.57	-0.78 ± 0.83	0.12**
13	GE 1853	74.78	1.03 ± 0.132	1.21**	5.16	0.44 ± 0.51	0.391**	9.40	-1.63* ± 0.69	0.28**	9.05	1.05 ± 0.85	0.13**
14	GE 4798	67.33	0.60* ± 0.081	0.20	6.22	-0.39* ± 0.32	0.105*	6.96	0.67 ± 0.85	0.47**	7.18	7.57* ± 1.29	0.42**
15	GE 3986	75.21	2.03* ± 0.046	-0.21	6.01	1.84* ± 0.13	-0.058	6.14	2.23* ± 0.43	0.04	3.85	0.35 ± 1.02	0.23**
16	GE 3678	76.95	0.69* ± 0.053	-0.15	6.60	1.23 ± 0.15	-0.046	6.80	3.20* ± 0.75	0.34**	5.18	1.42 ± 0.78	0.098*
17	GE 1287	71.45	0.25* ± 0.068	0.01	6.18	1.14 ± 0.15	-0.045	8.17	0.07 ± 0.47	0.07	5.27	5.09* ± 0.55	0.003
18	GE 1077	72.21	1.16 ± 0.132	1.20**	5.01	2.04* ± 0.23	0.008	7.08	4.60* ± 0.85	0.47**	7.14	-0.83* ± 0.76	0.091*
19	General mean	68.80			5.45			7.32			6.22		
20	SEm±	0.22	0.083		0.10	0.29		0.14	0.60		0.14	0.94	

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S.No.	Genotypes	Ear weight plant ¹			1000 seed weight			Yield plant ¹			Yield plot ¹		
		\bar{X}	b	S ² d	\bar{X}	b	S ² d	\bar{X}	b	S ² d	\bar{X}	b	S ² d
1	GE 1035	25.00	1.04 ± 0.13	0.41	2.20	0.94 ± 0.26	-0.007	21.40	1.43 ± 0.26	0.83	1007.67	1.49 ± 0.25	1686.91
2	VMEC 219	27.35	0.95 ± 0.11	-0.10	2.30	1.07 ± 0.58	0.025**	21.42	1.18 ± 0.52	6.99**	1004.29	1.37 ± 0.53	75409.06**
3	GE 2999	27.60	1.39* ± 0.17	2.32**	1.96	2.84* ± 0.44	0.008	20.68	0.15* ± 0.27	0.92	971.86	0.24* ± 0.27	2188.34*
4	VMEC 226	36.74	1.09 ± 0.14	1.08	1.92	3.09 ± 1.02	0.110**	28.63	0.65 ± 0.32	1.84**	1330.31	0.64 ± 0.28	2469.41*
5	GE 4468	35.69	1.05 ± 0.24	6.21**	2.16	2.83 ± 0.89	0.079**	25.07	1.90* ± 0.30	1.62**	1174.48	1.95* ± 0.31	3615.57**
6	GE 532	43.11	0.38 ± 0.30	10.38**	2.34	0.95 ± 0.31	-0.004	29.30	0.22* ± 0.24	0.50	1366.12	0.16* ± 0.21	594.06
7	GE 3790	24.81	0.87 ± 0.21	4.11**	2.20	0.81 ± 0.52	0.018*	19.99	1.39 ± 0.43	4.35**	937.80	1.44 ± 0.43	9650.91**
8	VMEC 210	28.38	1.14 ± 0.15	1.12	1.73	0.78 ± 0.36	0.000	19.86	1.82* ± 0.36	2.78**	932.35	1.89* ± 0.34	5122.16**
9	GE 1240	27.45	1.12 ± 0.13	0.51	1.73	0.22* ± 0.31	-0.004	19.21	0.56 ± 0.22	0.30	906.23	0.56 ± 0.22	890.69
10	GE 1683	24.34	0.89 ± 0.18	2.41**	2.48	-0.50 ± 0.65	0.036**	21.99	0.48 ± 0.49	6.09**	1025.62	0.30 ± 0.49	12919.98**
11	GE 3363	27.27	1.40* ± 0.18	2.48**	2.19	1.21 ± 0.43	0.007	20.88	1.39 ± 0.23	0.43	979.67	1.44 ± 0.25	1603.35
12	GE 2869	30.27	1.30 ± 0.16	1.88*	2.07	0.40 ± 0.33	-0.002	22.58	0.92 ± 0.19	-0.16	1058.17	0.92 ± 0.15	-792.34
13	GE 1853	38.34	0.32* ± 0.29	9.89**	1.94	0.05 ± 0.59	0.027**	28.30	1.14 ± 0.43	4.56**	1322.31	1.23 ± 0.43	9217.87**
14	GE 4798	45.25	0.37 ± 0.42	21.23**	3.14	0.52 ± 0.47	0.012	30.28	0.77 ± 0.32	2.01**	1414.46	0.55 ± 0.33	4535.65**
15	GE 3986	32.42	1.42* ± 0.14	1.11	2.83	1.10 ± 0.67	0.039**	24.69	2.17* ± 0.42	4.19**	1155.19	2.11* ± 0.45	10476.77**
16	GE 3678	30.96	1.45 ± 0.21	4.42**	2.82	0.74 ± 0.64	0.035**	24.71	0.80 ± 0.35	2.43**	1156.72	0.76 ± 0.35	5689.40**
17	GE 1287	32.63	0.48* ± 0.16	1.54*	2.77	-0.41* ± 0.34	-0.001	25.67	0.39 ± 0.55	8.10**	1199.15	0.33 ± 0.54	15875.29**
18	GE 1077	34.66	1.26 ± 0.28	8.64**	2.53	1.27 ± 0.61	0.030**	25.06	0.57 ± 0.39	3.38**	1171.83	0.54 ± 0.41	8362.03**
19	General mean	31.80			2.31			23.87			1117.47		
20	SEm ±	0.69	0.21		0.054	0.54		0.56	0.36		25.5	0.40	

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S.No.	Genotypes	Protein content			Calcium content			WRM			WSM		
		\bar{X}	b	S ² d	\bar{X}	b	S ² d	\bar{X}	b	S ² d	\bar{X}	b	S ² d
1	GE 1035	10.23	0.921 ± 0.11	0.0003	235.90	0.90 ± 0.09	0.085**	6.65	1.77* ± 0.14	-0.0004	83.49	0.53 ± 0.24	7.57
2	VMEC 219	9.10	0.790 ± 0.10	0.0000	256.77	1.07 ± 0.11	0.128**	6.78	0.82 ± 0.13	-0.006	92.36	0.62* ± 0.17	-3.61
3	GE 2999	11.66	2.007* ± 0.39	0.029**	359.21	0.99 ± 0.05	0.015*	7.11	1.16 ± 0.25	0.099**	97.24	1.01 ± 0.25	10.34
4	VMEC 226	6.50	0.707 ± 0.27	0.013**	279.34	0.33* ± 0.13	0.173**	6.68	-0.12* ± 0.19	0.042*	99.88	1.87 ± 0.52	87.35**
5	GE 4468	9.28	1.287 ± 0.14	0.002	331.63	1.71* ± 0.10	0.107**	7.26	0.81 ± 0.09	-0.029	109.56	0.59* ± 0.18	-1.39
6	GE 532	10.39	0.643* ± 0.14	0.002	282.74	1.43 ± 0.49	2.700**	7.98	-0.20* ± 0.12	-0.013	122.64	1.05 ± 0.16	-3.63
7	GE 3790	11.82	0.753 ± 0.24	0.01**	262.41	1.33 ± 0.19	0.404**	6.14	2.18* ± 0.20	0.053*	74.94	0.96 ± 0.21	3.14
8	VMEC 210	11.19	0.851 ± 0.22	0.008**	328.51	0.50* ± 0.07	0.053**	7.75	1.33 ± 0.21	0.054	77.56	0.78 ± 0.12	-8.57
9	GE 1240	11.23	1.403 ± 0.95	0.181**	234.78	1.15 ± 0.15	0.249**	7.75	1.03 ± 0.14	-0.005	80.05	1.00 ± 0.13	-7.55
10	GE 1683	10.55	1.155 ± 0.36	0.024	357.68	1.24* ± 0.11	0.119**	6.67	-0.06* ± 0.22	0.071**	81.17	0.79 ± 0.20	1.07
11	GE 3363	10.65	1.120 ± 0.15	0.003*	278.34	0.51* ± 0.10	0.102**	6.62	2.01* ± 0.11	-0.019	76.07	1.07 ± 0.19	-0.57
12	GE 2869	9.74	0.797 ± 0.30	0.016**	320.17	1.64* ± 0.10	0.102**	7.79	1.42* ± 0.15	0.007	83.09	1.35 ± 0.16	4.09
13	GE 1853	6.62	0.781 ± 0.26	0.011	319.83	1.75* ± 0.20	0.449**	6.60	0.57 ± 0.21	0.061*	99.43	2.13 ± 0.56	101.18**
14	GE 4798	6.47	1.570* ± 0.25	0.01**	303.08	0.31* ± 0.18	0.370**	8.53	0.42* ± 0.23	0.085**	123.66	0.58* ± 0.14	-6.42
15	GE 3986	7.40	0.912 ± 0.25	0.01**	352.46	0.55* ± 0.12	0.162**	6.66	2.77* ± 0.25	0.109**	85.15	1.84 ± 0.46	64.46**
16	GE 3678	8.63	0.675 ± 0.26	0.011**	278.20	0.58* ± 0.19	0.381**	6.99	1.12 ± 0.09	-0.030	79.31	-0.90* ± 0.26	10.55
17	GE 1287	8.98	0.554* ± 0.19	0.005**	253.53	0.78 ± 0.29	0.936**	8.17	0.31* ± 0.02	-0.0001	103.75	0.77* ± 0.09	-10.96
18	GE 1077	9.70	1.068 ± 0.20	0.006**	362.40	1.17 ± 0.13	0.180**	7.48	0.64 ± 0.17	0.022	110.64	1.92 ± 0.96	323.24**
19	General mean	9.45			299.84			7.21			93.34		
20	S.E.M ±	0.04	0.32		0.20	0.20		0.078	0.18		1.86	0.35	

\bar{X} = mean; b = regression coefficient; S²d = deviation from regression * = Significant at 0.05 level ** = Significant at 0.01 level