

Table 4 Mean performance of crosses for quantitative traits

S. No.	Crosses	Days to 50% tassel	Days to 50% silk	Plant height (cm)	Ear height (cm)	Ear length (cm)	Ear diameter (cm)	Number of rows/ear	Number of kernel/row	100 kernels weight (g)	Yield/plant (g)	Yield/plot (kg)
1	L ₁ ×T ₁	94.67	100.00	154.50	66.50	15.80	4.55	15.20	31.20	24.30	121.58	2.24
2	L ₁ ×T ₂	95.00	99.00	149.10	63.50	16.75	4.75	16.00	31.20	27.80	129.96	2.53
3	L ₁ ×T ₃	97.67	102.67	145.20	59.00	17.00	4.80	16.00	30.40	23.70	146.24	2.78
4	L ₂ ×T ₁	94.67	99.00	144.20	75.50	19.93	4.35	14.00	34.00	27.60	138.46	2.41
5	L ₂ ×T ₂	96.00	99.00	142.50	75.50	19.65	4.80	15.60	32.80	32.20	189.82	3.00
6	L ₂ ×T ₃	96.00	101.00	142.70	74.00	17.60	4.90	16.20	31.80	26.77	162.56	2.97
7	L ₃ ×T ₁	93.00	97.67	159.30	76.00	17.35	4.45	13.20	33.30	25.80	144.57	2.67
8	L ₃ ×T ₂	95.00	99.00	141.00	51.50	19.03	4.75	13.40	34.10	27.75	155.63	2.76
9	L ₃ ×T ₃	96.00	101.67	144.00	64.00	17.55	4.63	14.00	31.70	27.30	148.72	2.51
10	L ₄ ×T ₁	96.67	99.67	160.70	81.50	16.65	4.50	13.40	31.80	28.75	133.57	2.32
11	L ₄ ×T ₂	99.00	102.00	153.30	85.00	18.35	4.92	13.60	34.10	29.90	166.53	2.90
12	L ₄ ×T ₃	97.67	101.00	149.50	82.00	17.55	4.55	13.60	32.40	23.70	161.87	2.85
13	L ₅ ×T ₁	95.00	98.00	166.50	90.00	19.00	4.27	10.40	33.80	33.03	135.90	2.60
14	L ₅ ×T ₂	95.67	99.00	157.00	81.00	20.70	4.30	10.80	36.60	30.25	155.60	2.63
15	L ₅ ×T ₃	93.00	98.00	147.00	67.50	18.15	4.45	12.20	32.20	29.63	136.77	2.31
16	L ₆ ×T ₁	93.67	97.67	158.50	77.67	17.85	4.45	12.00	34.90	30.80	140.58	2.67
17	L ₆ ×T ₂	91.67	97.00	132.00	51.50	17.20	4.25	13.00	28.70	27.30	104.18	2.00
18	L ₆ ×T ₃	92.00	97.00	135.00	58.00	16.60	4.20	13.60	28.80	25.15	108.21	1.83
19	L ₇ ×T ₁	91.67	97.67	160.00	76.00	18.15	4.65	13.60	36.70	26.80	144.05	2.31
20	L ₇ ×T ₂	93.67	98.00	153.50	63.50	16.20	4.31	13.00	31.70	25.00	121.18	2.31
21	L ₇ ×T ₃	92.00	99.00	145.20	64.00	15.50	4.25	13.40	30.50	28.40	111.61	2.33
22	L ₈ ×T ₁	93.67	98.67	162.50	85.50	16.70	4.54	12.00	30.60	29.85	144.48	2.68
23	L ₈ ×T ₂	93.00	97.67	160.50	79.00	17.40	4.83	12.80	33.10	32.30	168.89	2.09
24	L ₈ ×T ₃	93.00	98.00	159.50	74.50	16.03	4.83	12.80	29.50	30.03	139.48	2.35
25	L ₉ ×T ₁	94.67	99.67	169.00	90.00	18.30	4.35	14.20	37.60	25.75	139.45	2.60
26	L ₉ ×T ₂	96.00	100.00	157.50	78.00	18.20	4.50	14.60	35.30	24.50	141.12	2.71
27	L ₉ ×T ₃	97.67	102.00	155.50	81.00	17.80	4.34	15.80	32.00	23.35	145.55	2.64
28	L ₁₀ ×T ₁	95.00	98.67	176.00	81.50	15.90	4.48	16.40	32.10	24.45	128.08	2.67
29	L ₁₀ ×T ₂	95.67	98.00	183.50	89.00	17.03	4.95	17.40	31.90	25.30	147.17	2.90
30	L ₁₀ ×T ₃	95.67	98.67	172.50	79.50	17.30	4.70	17.20	34.00	23.15	147.19	3.19
31	L ₁₁ ×T ₁	96.67	100.67	186.00	102.50	17.80	4.90	15.80	32.30	29.75	169.45	2.95

Continuing table 4

S. No.	Crosses	Days to 50% tassel	Days to 50% silk	Plant height (cm)	Ear height (cm)	Ear length (cm)	Ear diameter (cm)	Number of rows/ear	Number of kernel/row	100 kernels weight (g)	Yield/plant (g)	Yield/plot (kg)
32	L ₁₁ ×T ₂	97.67	102.00	166.50	85.50	17.85	4.75	15.60	32.60	30.10	172.39	3.21
33	L ₁₁ ×T ₃	98.00	102.00	170.50	94.00	18.45	4.83	15.20	34.30	28.35	165.11	3.01
34	L ₁₂ ×T ₁	96.00	102.00	178.50	92.50	16.50	4.15	13.80	35.00	21.70	110.42	2.44
35	L ₁₂ ×T ₂	98.00	102.00	167.00	91.00	19.80	4.45	13.80	39.90	21.30	155.20	3.03
36	L ₁₂ ×T ₃	96.67	102.00	170.70	95.00	17.90	4.25	13.80	37.20	20.10	135.44	2.60
37	L ₁₃ ×T ₁	96.67	100.00	174.20	90.50	16.50	4.35	13.80	33.90	25.75	126.17	2.49
38	L ₁₃ ×T ₂	97.67	100.67	169.50	86.00	18.70	4.46	14.00	34.60	23.95	150.92	2.98
39	L ₁₃ ×T ₃	96.67	101.67	164.20	83.00	17.80	4.45	15.00	33.80	30.25	144.93	2.89
40	L ₁₄ ×T ₁	93.00	97.00	163.00	82.50	15.30	4.65	13.40	30.10	28.25	118.07	2.45
41	L ₁₄ ×T ₂	94.67	98.00	154.50	78.50	18.20	5.18	14.80	32.10	30.65	175.01	3.01
42	L ₁₄ ×T ₃	95.00	101.00	148.50	76.00	15.10	4.58	14.00	29.90	26.95	128.05	2.20
43	L ₁₅ ×T ₁	95.00	98.00	158.50	84.50	16.30	4.38	12.80	33.60	25.10	133.94	2.51
44	L ₁₅ ×T ₂	94.67	99.67	156.00	83.00	18.90	4.45	13.40	36.30	24.40	161.42	2.60
45	L ₁₅ ×T ₃	95.00	100.67	144.50	78.50	16.40	4.65	13.60	29.90	30.55	126.04	2.68