

Table 1. *M. sacchari* life table at different constant temperatures in the brood chamber.

Apterae viviparous females on *Sorghum bicolor* variety UPM219. * Extra molt, fifth stage.

Temp (°C)	Pre – Reproductive avg ± EE (min-max)						Reproductive avg ± EE (min-max)			Post- Reproductive avg ± EE (min-max)	Longevity avg ± EE (min-max)
	N1	N2	N3	N4	N5*	Total	Days	Daily	total		
5°C	18.5±1 c (8.0 -35.0)	16.7±1 d (6.7 -24.7)	17.7±2 d (2.3 -37.0)	18.0±3.5 d (0.7 -27.0)		62.5±8.1 f (49.0-74.3)	0	0	0	0	88.2±8.7 a (49.7-115.3)
10°C	6.5±0.3 b (4.0-9.3)	5.7±0.1 c (1.7-7.0)	5.6±0.1 c (3.3-6.7)	6.8±0.3 c (5.3-11.3)		24.6±1.5 e (22.0-28.3)	29 ±1.7 a (14-41)	0.4±0. a (0-40)	22.4±1.5 b (9.0-44.0)	22.4±11.5 b (4.0-48.0)	31.9±1.8 b (46-113.0)
15°C	4.2±0.2 b (2.3-5.7)	3.0±0.1 b (2.0-4.3)	3.2±0.1 b (2.3-4.0)	3.7±0.2 b (1.7-8.0)		13.8±2.5 d (7.3-20.7)	23.0±0.9 b (11-27)	1.4±0. b (0-9)	59.7±13.7 c (25.0-84.0)	14.5±1.8 b (9.0-22.0)	56.3±0.7 c (49.3 – 60.0)
20°C	2.0±0.1 a (1.0-2.7)	1.7±0.1 a (1.0-2.0)	1.3±0.1 a (1.0-2.0)	1.6±13.7 a (25.0-84.0)	2.2±0.1 (1.7-3.3)	7.1±0.1 c (6.0-9.3)	15.3±0.6 c (11-25)	2.3±0.7 ab (0-11)	77.5±10.8 d (54.0-99.0)	17.6±5.3 b (7.0-24.0)	40.9±0.6 d (30.7 -43.0)
25°C	1.6±0.1 a (1.0-1.7)	1.0±0.1 a (1.0-1.3)	1.1±0.1 a (0.7-2.0)	1.2±0.1 a (0.7-2.3)		4.9±0.2 ab (4.0-7.0)	12.3 ±0.8 d (4-24)	2.7±0.9 b (0-18)	76.5±17 d (20.0-103.0)	16.6±6.1 b (2.0-27.0)	31.7±2.7 b (4 – 45.7)
30°C	1.3±0.1 a (1.0-2.7)	1.0±0.1 a (0.3-1.7)	1.1±13.7 a (0.7-2.0)	1.1±0.1 a (0.3-2.0)		4.5±13.7 a (3.7-6.0)	12.8 ±0.8 d (13-30)	3.6±0.9 b (0-15)	75.5±12 d (33-102.0)	8.1±4.1 a (1.0-15.0)	25.2±1 e (15.7-32.0)
35°C	1.3±0.1 a (1.0-2.0)	1.4±0.1 a (0.7-3.0)	1.5±0.1 ab (1.3-3.0)	1.9±0.1 a (1.0-3.0)		4.4±0.4 b (5.0-7.0)	2.7±1.1 e (1-19)	0.2±0.1 a (0-3)	1.7±0.9 a (1.0-3.0)	4.2±1.9 a (2.0-7.0)	8.3±1 f (5.0-15.3)