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Survival and development of S. exigua on leaves of ten chickpea genotypes

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Larval survival was lower on ICC 12475, ICC 10393 and RIL 25 ((52.0 – 69.3%) as compared to that on EC 583264 and EC 583260 (82.7 – 92.0%). The weight gained by larvae was higher on ICCV 10. Larval period was prolonged when the larvae were reared on KAK 2 (21.3). Pupal weights were lower on artificial diet containing leaf powder of RIL 25 as compared to KAK 2 (131.8 mg). Pupal period was prolonged in insects reared on artificial diet with leaf powder of RIL 25, ICC 12475, ICCL 86111, ICCV 10 and RIL 20 (9.0 – 10.0) days. Adult emergence was higher on EC 583260, EC 583264 and ICCV 10 (57.3 – 74.7%). Reduced fecundity (214.4 – 532.0) on RIL 25, RIL 20, ICCV 10, ICCL 86111, ICC 12475, ICC 3137, KAK 2 and ICC 10393. Therefore considering all the parameters the genotypes RIL 25 and ICC 12475 were superior to other genotypes.

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