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Biological and Ecological studies on Sugar – beet moth, *Scrobipalpa ocellatella*

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Abstract : Some ecological studies on sugar-beet insect pests were conducted in Shobra bedin -El-Mansoura Station, El-Dakahlia Governorate, to studies biological and ecological on *Scrobipalpa ocellatella*. The results revealed that infestation by *S. ocellatella* observed in the 4th week of November in the first season and in 3rd of November in the second season. The population increased from November to May from 4 to 115 larvae / 80 plants.

The eggs deposited in groups, each of a single layer consisting of 2-11 eggs arranged in one or two rows. The duration of the pre-pupal stage was 2-3 days with an average 2.0 ± 0.2 days. The average duration of pupal stage ranged from 6-7 days with an average of 6.9 ± 0.6 days.

The average period of pre- oviposition, oviposition and post- oviposition lasted 4.7 ± 0.8 , 7.9 ± 0.5 and 4.0 ± 0.7 days, respectively.

Keywords : sugar-beet, *Scrobipalpa ocellatella*, Egypt.

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