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| <b>Article No.:</b>  | <b>Title</b>  |   |
| <b>5</b>   | <b>Effectiveness of some insecticides on some biological aspects of the spider</b>  |   |
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| <p><b>ABSTRACT</b></p> <p>The effect of some insecticides on survival of the spider <i>Parasteatoda tepidariorum</i> Koch has been investigated under constant laboratory conditions <math>25\pm 1^{\circ}\text{C}</math> and <math>70\pm 5\%</math> RH. Mortality after 48h of treatment with LC50 of Abtar<sup>®</sup> 90%SP, Andros<sup>®</sup> 7.5%WG and Grand<sup>®</sup> 5% EC has been examined. The effectiveness of selected insecticides on the biological aspects such as longevity periods, prey consumption of adults and fecundity of females has been investigated. As well Andros<sup>®</sup> showed to be the most effective due to its high acute toxicity, on biological aspects for both female and male and prey consumption. In addition, the study revealed that Andros<sup>®</sup> was also to be the most drastically effective on fecundity of females.</p> <p><b>Keywords:</b> Spiders- <i>Parasteatoda tepidariorum</i>- Insecticides- Biology.</p> |   |   |