

EFFICACY OF SELAMECTIN AND FIPRONIL AGAINST *CTENOCEPHALIDES CANIS*

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ABSTRACT– The effects of insect growth regulators namely selamectin and fipronil were tested on cat flea *Ctenocephalides canis*. Selamectin and fipronil were used in the concentration of 6% and 10% respectively. The effects were observed after applying the said compounds on scalp and results were observed after four hours, 24 hrs and four days. The results showed 46.66, 73.33 and 100% mortality respectively by selamectin and 30, 83.33 and 93% by fipronil. The experiments showed the selamectin as more potent insect growth regulator than fipronil.

Keywords: Selamectin, Fipronil, *Ctenocephalides canis*