

**IN-VITRO ANALYSIS OF THE EFFECTS OF CARBARYL (SEVIN WP 85) AND  
IN COMBINATION WITH TOLNAFTATE ON *Trichophyton mentagrophytes***

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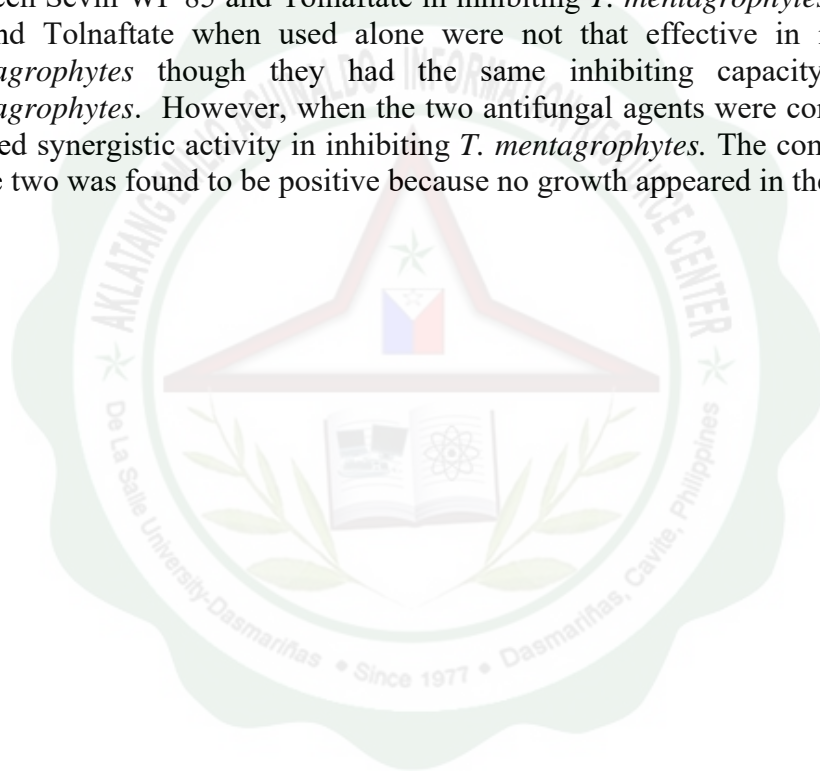
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## ABSTRACT

This study tried to determine the effectiveness of Carbaryl (Sevin WP 85) and Tolnaftate when used alone and when used combined in *Trichophyton mentagrophytes*. Specifically, this study aimed to give answers to the following questions: Do isolated fungi belong to *Trichophyton mentagrophytes*; Is Carbaryl (Sevin WP 85) alone effective in inhibiting *T. mentagrophytes*; Is Tolnaftate alone effective in inhibiting *T. mentagrophytes*; and is there a synergistic activity between Sevin WP 85 and Tolnaftate in inhibiting *T. mentagrophytes*. Sevin WP 85 and Tolnaftate when used alone were not that effective in inhibiting *T. mentagrophytes* though they had the same inhibiting capacity of the *T. mentagrophytes*. However, when the two antifungal agents were combined, they showed synergistic activity in inhibiting *T. mentagrophytes*. The combined effect of the two was found to be positive because no growth appeared in the plate.



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