

## البحث الثاني

العنوان باللغة العربية: تأثير الزنجبيل على نسب الموت ونسب الحرير فى دودة الحرير التوتية .

العنوان باللغة الإنجليزية: Effect of *Zingiber officinale* on mortality percentage and cocoon shell ratio of the silkworm, *Bombyx mori* L.

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تاريخ وموضع النشر: Fayoum J. Agric. Res.& Dev.,vol. 31, No.1, 120 -123, 2017

### الملخص الانجليزي :

The effect of *Zingiber officinale* was studied on mortality percentages and cocoon shell ratio of silkworm, *Bombyx mori* during spring season of 2015 at Plant Protec. Dept. Fac. of Agric., El Fayoum Univ. The powder of *Z. officinale* was dissolved in distilled water to prepare different concentrations (10, 20, 30, 40 and 50 mg/ml.). In the present study, results showed that, the concentration 20 mg/ml. of *Z. officinale* occupied the first category to reduce 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> instars mortality percentages. While 40 mg/ml. of *Z. officinale* occupied the first category for reducing 4<sup>th</sup> & 5<sup>th</sup> instars mortality percentages and improving cocoon shell ratio.