

البحث الرابع

العنوان باللغة العربية: دراسة تأثير بكتريا حمض اللاكتك على صفات دودة الحرير التوتية.

العنوان باللغة الإنجليزية: Effect of some lactic acid bacteria on parameters of silkworm , *Bombyx mori* L.

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تاريخ وموضع النشر:

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الملخص الانجليزي :

Effect of lactic acid bacteria as food additives on parameters of *Bombyx mori* L. Experimental product of Lactic acid bacteria was dissolved in distilled water to prepare concentrations of different bacteria (5mg/ml.). The obtained results showed that, the concentration 5 mg/ml. of *Lactobacillus acidophilus* occupied the first category to improve the most studied parameters of *B. mori* L. when compared to control. Where effective rate of rearing recorded 84.00% compared to 76.00% in control, total haemolymph protein recorded 70.54mg/ml. compared to 64.52mg/ml. in control and number of eggs / female recorded 284.00 compared to 262.00 in control. Cocoon indices were 1.165 g, 0.279 g and 23.95% for cocoon, cocoon shell weights and cocoon shell ratio comparing to 1.067 g, 0.169 g and 17.71% for the control respectively.