

عنوان مقاله:

Screening of antifungal activity of medicinal plants in Kerman province

محل انتشار:

اولین کنگره بین المللی و بیست و چهارمین کنگره ملی علوم و صنایع غذایی ایران (سال: 1395)

تعداد صفحات اصل مقاله: 13

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خلاصه مقاله:

Aflatoxins are carcinogenic mycotoxins produced by some *Aspergillus* species in a wide range of agricultural commodities. To eliminate aflatoxins from food many methods have employed, in this study we use from water extract of medicinal plants for growth prevention of aflatoxigenic fungi. we used from 22 native medicinal plant species, and their antifungal compounds were studied. Our recent researches indicate that the water extract of *Dianthus barbatus* proved to be of the highest antifungal activity compared to the other extracts. *Dianthus barbatus* extract with concentrations of 3, 5, 7 and 9% (v/v %) showed an inhibitory effect against *Aspergillus flavus* and *A.parasiticus* during 14 days

کلمات کلیدی:

Aflatoxin, pistachio, water extract, medicinal plants

لینک ثابت مقاله در پایگاه سیویلیکا:

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