

## عنوان مقاله:

The effect of Dorema aucheri on the activities of bifidobacterium bifidum and lactobacillus acidophilus in probiotic milk and yoghurt

## محل انتشار:

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## خلاصه مقاله:

Chicory plant (*Dorema aucheri*) belongs to Asteraceae family and contains flavonoids. Milk is a mixture of protein, fat, lactose, minerals. This research carried out in order to evaluate the effect of chicory plant on the activities of *bifidobacterium bifidum* and *lactobacillus acidophilus*. Four containers containing a liter of 1.5 % sterilized skim milk were selected as four group in order to produce milk containing probiotic *bifidobacterium bifidum*, then 0.33 gr starter of *bifidobacterium bifidum* added and after that 0%, 0.03%, 0.06% and 0.09% the powder of *Dorema aucheri* were added. Samples were considered based on pH, acidity and microbes count. Sensory evaluation was done in fourteenth day. Results showed the maximum activity of bacteria was recorded in fourteenth day so that when this value was increased, the acidity also was being increased. Consistency time of product was determined 21 days and also bacteria indicated significant progress on MRS agar

## کلمات کلیدی:

Probiotic, Chicory plant, *Lactobacillus acidophilus*, yoghurt, *Dorema aucheri*

## لینک ثابت مقاله در پایگاه سیویلیکا:

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