

عنوان مقاله:

The effect of different irrigation levels on the yield of potatoes in the city Bardsir

محل انتشار:

سومین کنفرانس بین المللی پژوهشهای کاربردی در علوم کشاورزی (سال: 1394)

تعداد صفحات اصل مقاله: 11

نویسندگان:

Keyvan Mehrabyzadh honarmand - *MSc in Irrigation and Drainage, Department of water engineering , kerman branch, Islamic Azad University, kerman, Iran*

Mohsen Irandoost - *Assistant professor, Department of Water Engineering, Kerman branch, Islamic Azad University, Kerman, Iran*

خلاصه مقاله:

Water resources restriction, the need for efficient use of water in agriculture shows. One way to optimize the use of water, of deficit irrigation practices, modern irrigation methods such as drip irrigation is. In this study, to evaluate the effect of different irrigation intervals on the yield of potatoes in the city Bardsir, Experiment split in a randomized complete block design with three replications in Bardsir region of Kerman province, in the crop year 1394 was conducted. Treatments consisted of four irrigation 2, 3, 4 and 5 days between them. The results showed that the highest volume of water, yield, water use efficiency, and bulb weight, height and number of tubers per plant, respectively, with values of (3380 cubic meters per ha), (12.01 ha), (12.50 kilograms per cubic meter), (163.0 kg), (31.0cm), and 10.11 number for the treatment of irrigation 2, 3, 4, 3, 2 and 3 are obtained every other day. Considering that irrigation efficiency and water saving irrigation with 4 day amongst the verybest in terms of irrigation with irrigation 3 days in between and other indices studied in the treatment of small decline was entitled, Therefore, irrigation treatment with irrigation 4 days in between, as the best treatment in potato cultivation Bardsir city of Kerman province, in terms of we introduce drip irrigation system

کلمات کلیدی:

drip irrigation, yield components, potatoes, irrigation frequencies, performance

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<https://civilica.com/doc/465502>

