

Evaluation and comparison of the quality and quantitative yeild of peach varieties at shahrood province

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Peach is a fruit with high nutritional value. This fruit is widely used as fresh or canned product. Many gardeners grow this tree because of its early fruiting , but its yeild and quality is low due to the lack of knowledge about adaptatbility and higher yielding varieties . In this research 25 varieties were evaluated by simple Latis design to select the best vartiety. The experiment was conducted at 2 replications and each replication at 5 blocks with 25 plots. Nine trees from each variety were planted at 3 row (with 4 meters spacing) , and 3 trees were planted at each row with 3 meters from each other . Results showed that the sodanel , dixred , shasta cultivars had no significant difference at the statistical level of 5% and were significantly better than other treatments with the mean yeild of 39.8 ton/ha. In this research the G.H.Hill cultivar had the lowest yeild of 7.7 ton/ha. The results of the second year showed signficant difference with the results of the first year, and cultivars Spring Curlet, July Alberta , Mashad Red , Dix Red , Boby Gold , Alberta , Red Onim, Velot, Haj Kazemi and Red Top werw significantly better than other cultivars (at the statistical level of 5%).

The spring Curlet's yeild was the highest with the mean of 46 ton/ha . The fig like variety had the lowest yield with the mean of 18.5 ton/ha.

The results of both years shows that the Dix Red variety is best variety Shahroud , and we can recommend the Shasta , Boby Gold , Mashhad red and July Alberta as promising cultivars in the region .