

Preliminary studies of persimmon cultivars in Varamin

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In this studies four cultivars of persimmon are evaluated. These cultivars produce parthenocarpic fruits which morphologically are different. All these cultivars grafted on *D. lotus* as rootstock.

1. Japoni-Irani cv.: fruit in this cultivar is a stringent and cubic in shape with average fruit weight 125g and tree shape is upright. It is susceptible to sun burn.
2. Hashikaki cv.: it bears round and yelloish fruit, with average fruit weight 210g and dose not have alternative bearing.
3. Fud coax cv.: it bears good fruit with average fruit weight 140-150g. Fruit is non-astringent and tree shape is upright. It is heavy bearing cultivar. Numerous sucker are produced from rootstock which must be removed annually.
4. Kharmandi cv. (*D. lotus*): It bears small fruits which are not parthenocarp and mostly is used as rootstock because it grows well in different types of soil. It has good compatjbility with commercial cultivars.