

Identification of local cultivars of grape in Kermanshah (Sahneh)

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Biological and physiological characteristics of grape and its adaptability depend on climatical conditions. It is necessary to identify the local cultivars. First, a design was carried out in 1993-1994 in a area called Sahneh which is an important area for grape production in Kermanshah province.

The hundred and nine characteristics of grape were determined by the method of I.B.P.G.R in many stages, such as dormant stage during winter, stage before flowering and during flowering. Fruit setting and also quality analysis were done on local grape juice.

Dandrogram of cultivars was determined by using cluster computer program. The first time in this research work, a key for classification of grape cultivars was designed based on fruit and leaf characteristics. Thirty seven cultivars were identified and selected for collection in research station of Krmanshah. Characteristics of cultivars show that all of them belong to *Vitis vinifera* L. species. They were classified into five groups. Four of them were very early, three of them early, twenty of them early to medium, nine of them late and one cultivar was very late.