

A study on nutritional status of yield performance of 5 different cultivars of cherry at Kamalabad research station in Karaj (1974-1975)

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This study was conducted on five cherry cultivars (Zard Daneshkadeh, Napelon, Hybrid Karaj, Silijblady barbon, Shabestar) which were located in Kamalabad research station. The mineral contents of leaves and fruits were analysed regarding the soil nutritional status and crop production for 2 years. Fe-index for each cultivar was measured. The mineral contents and the average ration between various elements in leaves and fruits were compared with international standards and the results showed that:

Under similar production conditions, the amount of macro and micro elements in leaves and fruits of different cultivars, as well as yield and fruit qualities were significantly different. The mineral contents in leaves and fruits were according to the existing standards. However, the average ratio between different elements were in equilibrium.

There was no specific abnormalities in any cultivar tested.