

Effect of application of calcium chloride on fruit firmness and maintenance ability of apricot fruit.

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With attention to extent level of gardens that cultivated in this gardens apricot in my country, and to reach to market in one time in bearing season, very amount of fruits to be broken by reason of unsuitable conditions of export and maintenance. results of many researches that carried out in effect instance of calcium on tissue firmness and maintenance ability on fruits varieties, fruit treatment with calcium to recommended and researchs about of postharvest are important for market ability, reduced damage, and increases time of presenting of crop to market for receiving to maximum operation of economical. in this direction for study of effect of calcium treatment in different times of fruit growth on quality, maintenance ability and crop marketing in three cultivare of apricot (Ghermez shahrodi, Ghorban marageh and Dorosht malaier), the experiment performed in factorial randomized complete block design With three replication, with treatments as follows :

T_0 : Controll (without application of calcium)

T_1 : Foliar application of calcium chlorid 0.5% during 14 and 21 days preharvest.

T_2 : Foliar application of calcium chlorid 1% during 14 and 21 days preharvest.

T_3 : Foliar application of calcium chlorid 0.5% companion with situvait during 14 and 21 days preharvest.

T_4 : Foliar application of calcium chlorid 1% companion with situvait during 14 and 21 days preharvest.