

Studing the time of blooming of serotine almond cultivars of Shahrood Station in Sirjan

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Sirjan with area about 14375 km² is one of the most important areas for temperate fruits cultivation. The climate of Sirjan is temperate and cold. The area of irrigated almond is about 3500 hectare and non irrigated almond is about 5000 hectare.

The almonds are sensitive to spring late cold. In years which chilblain occurs about 80 percent of products are destroyed. In 1986, six cultivars of serotine almond consist of 7, 8, 10, 12, 17 and 21 were entered in this center. The blooming and grafting of above cultivars began in 1993. Because of die back, the cultivar 10 omitted in design. During the recent year, studing shows that the blooming of serotine almond have remarkable difference within digenous cultivars. The mentioned serotine almonds can be classified into two groups:

1- Cultivars 7, 8, 12 are very serotine which start to bloom 20 days after indigenous cultivars blooming.

2- Cultivars 17 and 21 are serotine which start to bloom 10 days after indigenous.

Above 7 cultivars are suitable for this region and can reduce chilling injury. The cultivar 7 is identified with yellow and chlorotic effects. All cultivars are resistant to leaf spot disease.