# Identification of late blooming almond cultivars in Kashmar

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Almond flowers are susceptible to frost damage occurs early spring . To prevent this damage, late flowering almond cultivars were recognized during the years 1992-1995 in Khashmar. Flowering of introduced cultivars occurs late after early spring frost. These cultivars have been recognized and introduced amoung these which propagated from seed and time of blooming occured after spring freezes.

*In addition , a number of cultivars have been recognized be caused of their good fruit* quality, yield , fruit seperation from tree and hull from shell nut(endocarp) and marketability. Regarding the total degrees and the numerical values obtained from them, the best quality cultivars have been recognized and introduced.The best quality cultivars with regard to their yield and late blooming characteristics were as follows:

1- The cultivars with suitable blooming time were $B_3$, $m_1$-6, $m_2$ -8, $m_9$-20, $m_2$-60, $B_6$, $B_{10}$, $B_9$, $B_{28}$, $m_1$-7, $m_1$-5, $m_2$-100, $m_2$-25, $m_2$-63, $m_4$-27, $m_9$-21, $m_{14}$-16, $m_{14}$-18, $m_2$-12, $m_2$-14, $D_7$, $m_2$-103.

2- The cultivars with the greatest degree of yield in a normal year(without the frost delay - spring ) were,$m_9$-7,$m_8$-10,$m_8$-8,$B_3$,$m_1$-5,$m_9$-6,$m_9$-2,$m_9$-8,$m_1$-6.

3- The selected cultivars which posses the highest degrees and finally introduced for propogation are as follows:

$B_3$,$m_1$-6,$m_{14}$-18,$m_2$-8,$m_2$-1.3,$m_2$-63,$m_9$-20,$B_6$,$m_{14}$-16,$m_2$-100,$m_2$-101,$m_4$-27,$m_{14}$-15,$m_8$-10,$m_2$-25,$m_9$-8,$m_1$-5,$D_7$,$m_2$-12,$m_9$-6,$m_8$-8,$m_2$-14,$b_{10}$.