

Variability In morphological and biological characteristics of selected almond varieties

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Almond (*Prunus amygdalus* Batsch) is native of center Asia (Iran). It is very suitable for planting in Iran especially it's northwest. On the other hand , Almond traditionally is propagated by seed in different areas of Iran, due to it's sexual propagation mostly almond orchards are seedling and there are many different genotypes that have different biology and morphology characteristics . This statue has been provided possibility for studying very traits in order to selective genotype whit good biology characteristics.

In order to studing of selected varieties morphology and biology characteristics, and selective superior varieties among different genotypes a research project has been started in miyaneh area since 1372(1994).

The individual genotypes selection was tken as experimental unit, four branches with a sufficient number of flower bud, one in each direction of the tree was chosen for each selection.

Results of study have been shown that bearing habits such as the number of flower buds produce at a shoot node vary without the following genotypes.

1) a: Single leaf bud (L) for example A.22 2):an axillary flower bud(F) as A.5; 3):a leaf bud and a flower bud (LF) as A.110

4): One simple flower in each side of leaf bud fore example A.2 5):Two simple flower in each side of leaf bud (FFLFF) as A-K-S-28.

Form of buds among studied varieties were different form round (A-K-S-28) to very pointed (A-100)

Also flower size within varieties was vary from small (3.5 cm for examples A-94) to large (5 cm for example A-2).