

IDENTIFICATION of NEW GRAPES CULTIVAR FROM NATURAL Mutation

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Natural mutations is one of the most important sources of genetical diversity and cultivar origination in grapeVine (*Vitis Vinifera*).

In the course of a research project held from 1993 on exploration of Grapevine cultivars, a new bud mutant has been identified on the "with Tabarzeh" which is a well established local cultivar. Since, this kind of mutation, was recognized on white Tabarzeh at three vine growing regions in West Azarbaijan, it seems that mutation frequency is much higher in this local cultivar. Results of studies showed that recorded morphological characters of new mutant were entirely different with botanical characters of other 45 identified cultivars.

In whole, new mutant is vigorous, late season plant with high bearing potential, As a result this mutant can be introduced as a new clonal cultivar.