

Identification and evaluation of distinct genetical diversity of citrus trees in the North of Iran

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Germplasm and reservation of genetical resources have basic rule in plant breeding. For many years, there was not real citrus industry in Iran and all citrus varieties were propagated through seed. Therefore a large number of natural hybrids, produced through allogamy, should be found among citrus groves specially in eastern Guilan and Western Mazandran provinces. Since these trees were uncommerical, there fore they were replaced by new grafted cultivars. Efforts were carried out for tracing of these natural hybrids and lots of them were collected in gene bank of Kotra Citrus Research Station.

In this report, results of investigation on all characteristics of these natural hybrids in different stages are described.