

Identification of olive cultivars by using Isozymes method.

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In this study , the samples of pollen and leaves of olive were collected from Gorgan District. Polyacrylamide gel electrophoresis was employed with seven enzymes systems, EST, SOD, CAT, PX, MDH, ACP, ADH. No reaction was observed as an evidence for PX and ACP .

In spite of the activity of SOD and CAT , no polymorphism was observed in these enzymes. Among all examined enzymes , merely EST , MDH and ADH showed polymorphism .

As seen in the final dendrogram, UPGMA separated the cultivars into three main groups.