

Comparison of the resistance level to phytophthora(*P.drechsleri*) for new pistachio hybrids

(*Pistacia vera* cv. Ghazvini, *P.vera* cv. ohadi, *P. vera* cv. Badami Zarand * *pistacia mutica* , *Pistacia vera* cv. Ghazvini, *P.vera* cv. Ohadi, *P.vera* cv. Badami Zarand * *Pistacia atlantica*).

In this research for preparation of new pistachio hybrids, pistachio cultivars(*Pistacia vera* cv. Ghazvini, *P.vera* cv. Ohadi, *P.vera* cv. Badami zarand) were crossed with *Pistacia mutica* and *P. atlantica* rootstocks. Then obtained progeny was cultured in greenhouse and resulted nine group hybrids suitable seedlings

$$\begin{aligned}
 (1 &= \frac{P.mutica \text{ ó } P.vera \text{ cv. Ghazviniú}}{P.vera \text{ cv. Ghazviniú}}, 2 = \frac{P.atlantica \text{ ó } P.vera \text{ cv. Ghazviniú}}{P.vera \text{ cv. Ghazviniú}}, 3 = \frac{Free \text{ pollenó}}{P.vera \text{ cv. Ghazviniú}} \\
 4 &= \frac{P. mutica \text{ ó } P.vera \text{ cv. Badami zarandú}}{P.vera \text{ cv. Badami zarandú}}, 5 = \frac{P.mutica \text{ ó } P.vera \text{ cv. Ohadiú}}{P.vera \text{ cv. Ohadiú}} \\
 6 &= \frac{Free \text{ pollenó}}{P.vera \text{ cv. badami zarandú}}, 7 = \frac{Free \text{ pollenó}}{P.vera \text{ cv. Ohadiú}}, 8 = \frac{P.mutica \text{ ó } P.vera \text{ cv. Ohadiú}}{P.vera \text{ cv. Ohadiú}}, 9 =
 \end{aligned}$$

P. atlantica ó *P. vera* cv. Ohadiú). The six and twelve months old seedling groups (1,2,3,5,6,7,9) were compared with fungi species (*Phytophthora drechsleri*). Preliminary results showed that one and two groups had pest resistance. L