

عنوان مقاله:

Evaluation particularity of morphological traits of *Froriepia subpinnata* to Mycorrhizal symbiosis and use Organic fertilizers

محل انتشار:

سومین کنفرانس بین المللی پژوهش در مهندسی، علوم و تکنولوژی (سال: 1395)

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خلاصه مقاله:

To study the effect of biofertilizers and Organic fertilizers on growth of *Froriepia subpinnata* in a factorial field experiment. The experimental treatments were including Mycorrhizal fungus (*Glomus mosseae*) at two levels without consumption and 10% of each pot and use vermicompost at two levels without consumption and 10% of each pot and compost tea at two levels without consumption and 1.5 liter. The leaves were analyzed. The results showed Effect of biofertilizer on all traits was significant. diameter stem of mycorrhizal symbiosis treatment The highest value was 2.50 mm and for the control, it was 1.17mm. The Number stem of mycorrhizal symbiosis treatment was 18.70 and that of the control was 12.34, which showed the difference. In fact, this increase in the performance of organic and biological fertilizers through improving the activity of plant growth regulators and reducing the leaching of elements in the soil causes more absorption of nutrients and thus boosts plant growth, which leads to increased performance of *Froriepia subpinnata*.

کلمات کلیدی:

Apiaceae, Medicinal plant, Vermicompost

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