



كلية الزراعة
قسم الميكروبيولوجيا الزراعية

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جامعة الفيوم

البحث الثانى : (فردى مشترك مع آخر من خارج التخصص – منشور)

Seoudi, O.A. and El-Sayeda H.M. El-Badawy. (2009).

Effect of organic and inorganic fertilization and inoculation with azolla on yield and quality of rice crop. The Fifth Inter. Conf. of Sustain. Agric. Develop. Fac. Agric., Fayoum Univ., 21-23 Dec.: 245- 256.

عنوان البحث

ABSTRACT

Two field experiments were carried out at Demo Experimental Farm, Fac. of Agric. Fayoum Univ., Fayoum Governorate, during two successive summer seasons 2008/2009 on rice (cv. Giza 178) to study the response of rice crop and its components to mineral fertilization or organic fertilization in case of inoculation with azolla or non- inoculation. The results revealed that: Organic fertilization significantly increased rice yield and its components than mineral fertilization. The obtained results revealed superiority of inoculated versus non inoculated plant in all treatments. Inoculation in combination with organic manure at the level of 20 m³/fed produced the highest grain and straw yield and its components in both seasons.