

عنوان مقاله:

Interaction of nutrient resource and crop diversity on resource use efficiency in different cropping systems

محل انتشار:

فصلنامه بوم شناسی کشاورزی، دوره 7، شماره 1 (سال: 1394)

تعداد صفحات اصل مقاله: 20

نویسندگان:

E Azizi - Assistant Professor, Department of Agronomy, Payame Noor University Faculty of Agriculture, Ferdowsi University of Mashhad, Iran, respectively

A Koochehi - Professor, Department of Agronomy, Faculty of Agriculture, Ferdowsi University of Mashhad, Iran, respectively

P Rezvani Moghaddam - Professor, Department of Agronomy, Faculty of Agriculture, Ferdowsi University of Mashhad, Iran, respectively

M Nassiri-Mahallati - Professor, Department of Agronomy, Faculty of Agriculture, Ferdowsi University of Mashhad, Iran, respectively

خلاصه مقاله:

Conventional operations in fields, soil and water management are not efficient and loss of and damage to the environment are considerable (Lal, 2000). Crop diversity and understanding the complex interactions between environmental and socioeconomic factors are approaches to make better use of limited resources (Tengberg et al., 1998). The most diverse ecosystems have a higher production under environment stress conditions compared with ecosystems with low diversity due to the better efficiency in the use of water, radiation and nutrients (Hulugalle & al, 1986; Walker & Ogindo, 2003).

کلمات کلیدی:

Absorption Efficiency, Intercropping, Monoculture, Nutrient, Use efficiency, Water

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/663255>

