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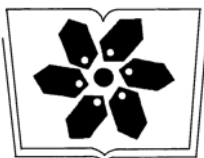
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封面图说: 舒缓的小麦地——小麦是小麦属植物的统称,是一种在世界各地广泛种植的禾本科植物,起源于中东地区。小麦是我国的主要粮食作物之一,它含有淀粉、蛋白质、糖类、脂肪、维生素 B、卵磷脂、精氨酸及多种酶类。在丛枝菌根真菌对小麦生长的影响研究(见本期 P6107)中,选择了两种优良丛枝菌根真菌(Arbuscular mycorrhizal fungi, AMF)——摩西球囊霉(*GM*, *Glomus mosseae*)、根内球囊霉(*GI*, *Glomus intraradices*),研究 AMF 在小麦整个营养生长阶段中对其生长以及对土壤中植物生长需求的大量元素——氮、磷的作用及影响,表明 AMF 可活化土壤中的氮元素,同时促进作物生长,强化对土壤中氮元素的利用。

彩图及图说提供: 陈建伟教授 北京林业大学 E-mail: cites.chenjw@163.com

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《生态学报》2014 年征订启事

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