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糙米中总硒及水溶态和可交换态硒的荧光法测定

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Fluorometric Determination of Total Selenium and Aqueous and Exchangeable Selenium in Crude Rice

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摘要 用DAN荧光法测定硒含量的研究表明，施加硒肥的糙米中总硒含量（0.07×10^{-6})及水溶态与可交换态硒的含量（0.020×10^{-6})，明显高于未施加硒肥的糙米中总硒含量（0.045×10^{-6}）及水溶态与可交换态硒的含量（0.010×10^{-6}）,这说明对于缺硒地区的水稻培育，施加硒肥是一种有效的措施.

关键词： 总硒 水溶态与可交换态硒 糙米 DAN荧光法

Abstract: The total selenium and aqueous and exchangeable selenium was fluorometrically determined in two samples of crude rice;one had been fertilized with selenium and the other had not.The results showed that the selenium level of the former sample（total selenium is 0.075×10^{-6}; aqueous and exchangeable selenium is 0.020×10^{-6} was higher than that of the latter(total selenium is 0.045×10^{-6}; aqueous and exchangeable selenium is 0.010×10^{-6}.

Key words: total selenium aqueous and exchangeable selenium crude rice fluorescence method

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