The effect of different rates of selenium on grain Se concentration and yield of MR219 rice (Oryza sativa L.)

ABSTRACT

Selenium (Se) is one of the important micronutrient for human and animal. There is a relationship between the level of selenium in food system and the levels of plant-available Selenium in soil. This study was carried out on rice to observe the effects of addition of different Selenium rates on yield and Se concentration in rice. A filed trial carried out with five different Selenium rates did not show significant effects on MR219 rice variety yield, grain Selenium concentration and soil Selenium concentration.

**Keyword:** Selenium; Rice; Human health; Soil