

Assessment of heavy metals contamination studies in paddy grains around paddy field in Perlis

Abstract

According to media reports, environmental pollution by heavy metals is harmful to the millions of people across the world. Apart from that, heavy metal accumulation may have an effect on animal and plants as well due to their toxicity. In agriculture sector, irrigation with high a toxicity of heavy metals will affect the growth of plant. Rice for example is grown in flooded fields thus are easily immobilized as compared to dryland crop. In fact, this heavy metal is readily available and become severe to paddy plant. Therefore, this study aims to quantify and focus on the concentrations of arsenic and zinc in paddy grains, where it will help a researcher to monitor and trace the amount of heavy metal in paddy field especially in paddy grains.