

RESEARCH NOTE

Clay as Potassium Permanganate Carrier for Banana Storage in Indonesia

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ABSTRACT

Clay is abundant in Indonesia. The objective of this experiment was to study usage of clay as potassium permanganate (KMnO₄) carrier during storage of banana var. Raja Bulu. Three levels of clay powder were used as treatment, i.e., 10 g, 30 and 50 g for six fingers of banana with three replicates. Results showed that clay powder effective as KMnO₄ carrier for storage of banana var. Raja Bulu. Level of clay powder 30 and 50 g significantly increased banana shelf life as indicated by skin color and hardness by 18 days after treatments, as compared to the control. Application of 30 g clay powder resulted in optimum banana storage as compared to other treatments. This experiment indicates that clay powder effective as KMnO₄ carrier.