

## **ABSTRACT**

Pepper (*Piper nigrum* L.) is one of Indonesia's plantation commodities which is able to produce state division. Pepper is an International export commodity which is one of the oldest spice products traded on the world market. Both Indonesian white and black pepper has long been known to the world. This research was conducted in Ulee Reuleng Village, Dewantara District, North Aceh Regency and Agriculture Laboratory, Malikussaleh University. The research was conducted from July to September 2019. This research used a Randomized Block Design (RBD) consisting of two factors with three replications, which is the concentration and immersion time of Rootone-F. The results showed that the concentration and immersion time did not significantly affect all observed parameters, however it significantly affect the shoot length at 42 DAP. There was a significant interaction between the concentration and immersion time of Rootone-F in the number of shoots.

Keywords: Rootone-F concentration, pepper cuttings.