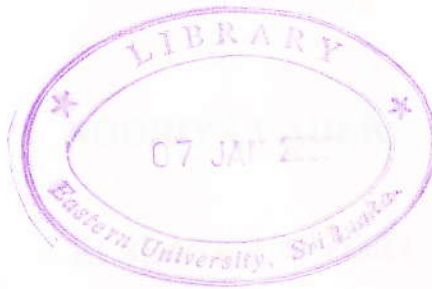


**PERFORMANCE OF ONION (*Allium cepa* L.) UNDER
DIFFERENT GROWING METHODS IN THE SANDY
REGOSOLS**



By

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ABSTRACT

Onion plays a vital role in Sri Lankan diet and also it has been adopted to make some by products. In Sri Lanka, there are some agro-ecological places where one can cultivate onion successfully; particularly in the dry zone. (Anuradhapura, Vavuniya, Kalutara, Batticaloa and Jaffna). A study was conducted to identify the higher yield in different cultivation methods in sandy regosols in Eastern university of Sri Lanka on 22nd April 2007. Studies were conducted in the Agronomy farm of the Eastern University, Sri Lanka to determine the Evaluation of the performance of onion under different growing methods in the sandy regosols in "Veathalam" variety. The experiment was carried out in a Completely Randomized Block Designs (RCBD) with 4 treatments and 5 replicates for each treatment. Sunken bed with polyethylene method gave the highest yield compared to the other growing methods. Polyethylene sheets conserved the moisture and nutrients to enhance the roots to absorb both. This method could best be adapted during the 'yala' season when there is shortage of rainfall.

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