

## **Synopsis**

This report includes the details of works carried out during my in plant training period at the Regional Resource Development Authority of Northwestern Province. I was attached to the laboratory of the Regional Resource Development Authority for fifteen weeks to develop the practical skill on aquatic plant tissue culture, understand and get experience of real working environment in related institutions. In my in plant training period I got good hands on experience of tissue culture techniques such as pre propagation, establishment, sub-culturing, rooting and hardening. Other than that during my in plant training I have got an exposure to management practice and quality maintenance of stranded tissue culture laboratory, good laboratory practices, health and safety precautions in a laboratory, standardization of glassware used for the tissue culture, practical skill on media preparation, establishment of mother plant in media, sub culturing and planting out. This report would briefly explain about those works with related information. In addition to this it further includes the history of the Regional Resources Development Authority, different services offered, organization structure, laboratory management, and Material Safety Data Sheet (MSDS).