

STATEMENT I

The present work is based on the discovery of facts which are new for Guizotia abyssinica Cass. So far there has not been any attempt to study the course of biochemical changes during various growth phases, senescence and water stress in this crop. Therefore this work is original one. This work has not been previously submitted for the award of any degree.

STATEMENT II

This work reports a new investigation. The sources from which information is gathered have been listed in the references. The current journals, reviews, text-books and monographs have been extensively referred and correlated. Every attempt has been made to keep the reference work as upto date as possible.