

## LIST OF TABLES

Table No.	Title	Page No
1 (A)	Effect of various concentrations of NaCl salinity on various growth parameters (plant height, no. of leaves, leaf length, leaf breadth and leaf area) of <u>Curcuma longa</u> varieties <u>Sugamdhum</u> and <u>Erode</u> .	45
(B)	Effect of various concentrations of NaCl salinity on various growth parameters (Fresh weight, Dry weight, length of the rhizome and root length) of <u>Curcuma longa</u> varieties <u>Sugamdhum</u> and <u>Erode</u> .	45
2	Effect of various concentrations of NaCl salinity on chlorophyll content in the leaves of <u>Curcuma longa</u> varieties <u>Sugamdhum</u> and <u>Erode</u> .	51
3	Effect of various concentrations of NaCl salinity on Titratable acid number (TAN) of different parts of <u>Curcuma longa</u> varieties <u>Sugamdhum</u> and <u>Erode</u> .	55
4	Effect of various concentrations of NaCl salinity on polyphenol content in different parts of <u>Curcuma longa</u> varieties <u>Sugamdhum</u> and <u>Erode</u> .	60
5	Effect of various concentrations of NaCl salinity on proline content in different parts of <u>Curcuma longa</u> varieties - <u>Sugamdhum</u> and <u>Erode</u> .	64
6	Effect of various concentrations of NaCl salinity on Nitrogen content in different plants parts of <u>Curcuma longa</u> varieties <u>Sugamdhum</u> and <u>Erode</u> .	69
7	Effect of various concentrations of NaCl salinity on carbohydrate content in different parts of <u>Curcuma longa</u> varieties <u>Sugamdhum</u> and <u>Erode</u> .	75

Table No.	Title	Page No.
8.	Effect of various concentrations of NaCl salinity on mineral nutrition content in different parts of <u>Curcuma longa</u> varieties- Sugamdhum and Erode.	87-90
9.	Effect of various concentrations of NaCl salinity on Curcumin content of <u>Curcuma longa</u> varieties- Sugamdhum and Erode.	129