LIST OF TABLES

Table No.	Title	Page No.
1	Effect of substrate concentration on the activity of enzyme peroxidase in the leaves of *Sesbania grandiflora* L.	29
2	Effect of substrate concentration on the activity of enzyme peroxidase in the leaves of *Portulaca oleracea* L.	30
3	Effect of pH of the assay medium on the activity of enzyme peroxidase in the leaves of *Sesbania grandiflora* L.	34
4	Effect of pH of the assay medium on the activity of enzyme peroxidase in the leaves of *Portulaca oleracea* L.	35
5	Effect of temperature on the activity of enzyme peroxidase in the leaves of *Sesbania grandiflora*.L.	38
6	Effect of temperature on the activity of enzyme peroxidase in the leaves of *Portulaca oleracea* L.	39
7	Effect of substrate concentration on the activity of enzyme catalase in the leaves of *Sesbania grandiflora* L.	43
8	Effect of substrate concentration on activity of enzyme catalase in the leaves of *Portulaca oleracea* L.	44
9	Effect of substrate concentration on the activity of enzyme catalase in the leaves of *Kalanchoe pinnata* (Lamk.).	45
10	Effect of pH of the assay medium on the activity of enzyme catalase in the leaves of *Sesbania grandiflora* L.	47

Table No.	Title	Page No.
11	Effect of pH of the assay medium on the activity of enzyme catalase in the leaves of *Portulaca oleracea* L.	48
12	Effect of pH of assay medium on the activity of enzyme catalase in the leaves of *Kalanchoe pinnata* (Lamk.)	49
13	Effect of temperature on the activity of enzyme catalase in the leaves of *Sesbania grandiflora* L.	52
14	Effect of temperature on the activity of enzyme catalase in the leaves of *Portulaca oleracea* L.	53
15	Effect of temperature on the activity of enzyme catalase in the leaves of *Kalanchoe pinnata* (Lamk).	54
16	The activity of enzyme IAA oxidase in the leaves of *Sesbania grandiflora* L., *Portulaca oleracea* L. and *Kalanchoe pinnata* (Lamk.) pers.	58
17	The activity of enzyme polyphenol oxidase in the leaves of *Sesbania grandiflora* L.; *Portulaca oleracea* L. and *Kalanchoe pinnata* (Lamk.) pers.	60
18	Isozymes of peroxidase in the leaves of *Sesbania grandiflora* L.. and *Portulaca oleracea* (L). and *Kalanchoe pinnata* (Lamk.) pers.	63