

LIST OF TABLES

<u>Table No.</u>		<u>Page</u>
1	Sampling sites, textural group and moisture content of soils	87
2	Soil characteristic and urease activity of different soils	88
3	Inter-relationship of soil characteristics and urease activity	89
4	Influence of soil related chemical and physical characteristics on urease activity	90
5	Variability in urease activity due to the combined effect of different soil characteristics	91
6	Percentage of loss on ignition and soil elemental constituents of different soils	92
7	Inter-relationship of soil elemental constituents loss on ignition and urease activity	93
8	Influence of soil elemental constituents and loss on ignition value on urease activity	94
9	Variability in urease activity due to the combined effect of ignition lost matter (L.I) and different elemental constituents	95
10	Activity of different soil enzymes	96
11a	Inter-relationship of soil enzymes and some selected soil properties	97
11b	Correlation of soil enzyme activities with the contents of nitrogen, calcium, magnesium and total soluble salt (measured as electrical conductance)	98

LIST OF TABLES (Contd.)

12	Influence of different soil enzymes on urease activity	99
13	Variability in urease activity due to the combined effect of different soil enzymes and certain selected soil characteristics	100
14	Soil characteristics, ureolytic population and urease activity of different rhizospheric soils	101
15	Effect of irradiation on the activity of different soil enzymes	102
16	Physico-chemical changes in soil characteristics following irradiation	103
17	Correlation of irradiation induced inactivation of soil enzymes (D/D_0) with dose rate	104
18	Correlation of irradiation induced changes in soil (D/D_0) with dose rate	104
