

FIGURES

No.		Page.
1.	Carbohydrate Metabolism in Cells ...	12
2.	Glyoxylate Bypass ...	14
3.	Effect of pH on Amylase Cellulase & Pectinesterase ...	40
4.	Effect of pH on Fructose diphosphatase ...	43
5.	Effect of pH on Sucrose Synthetase and Sucrose Phosphate Synthetase activity ...	52
6.	Effect of pH on Invertase activity ...	53
7.	Line-Weaver Burk plot of Sucrose Synthetase ...	55
8.	Elution profile on DEAE Cellulose ...	64
9.	Elution profile on DEAE Saphadex ...	64
10.	Linearity of Invertase Inhibition by increasing Inhibitor concentration ...	66
11.	Line-Weaver Burk plot of Invertase and its Inhibitor ...	69
12.	Activity of Invertase and Inhibitor during Ripening of Mangoes ...	73
13.	Effect of Ethylene on Invertase activity in Mango Slices ...	76
14.	Effect of Ethylene on Invertase Inhibitor activity in Mango Slices ...	76
15.	Disc Electrophoretogram of Soluble Protein in Mango Pulp. ...	79
16.	Disc Electrophoretogram of Soluble Glycoprotein in Mango Pulp. ...	80
17.	Line-Weaver Burk plot for Glucose-6-phosphate Dehydrogenase. ...	88

FIGURES (Cont'd)

No.		Page.
18.	Line-Weaver Burk plot for 6-Phosphogluconic Dehydrogenase ...	89
19.	Line-Weaver Burk plot for Malic Enzyme ...	90
20.	Changes in Enzyme Activities in Mangoes during Ripening ...	109