

LIST OF PHOTOPLATES

Plate No.	Title	After Page
Plate 1	Photomicrographs of mitotic abnormalities in <i>Allium cepa</i>	39
	Fig.1.1 Stickiness of chromosomes	
	Fig.1.2 Single bridge	
	Fig.1.3 Double bridge	
	Fig.1.4 Multiple bridge	
Plate 2	Photomicrographs of mitotic abnormalities in <i>Allium cepa</i>	40
	Fig.2.1 Micronucleates and gap formation	
	Fig.2.2 Polyploidy	
	Fig.2.3 Ring chromosome	
	Fig.2.4 Lagging chromosome	
Plate 3	Photomicrographs of meiotic abnormalities in <i>Allium cepa</i>	48
	Fig.3.1 Clumping chromosomes	
	Fig.3.2 Ring and lagging chromosomes	
	Fig.3.3 Bridge formation	
	Fig.3.4 Non-synchronous division in diad	
Plate 4	Photomicrographs of meiotic abnormalities in <i>Allium cepa</i>	48
	Fig.4.1 Triad formation of microspores	
	Fig.4.2 Tetrads with unequal size of microspores	
	Fig.4.3 Triad formation of microspores Non-synchronous division	
	Fig.4.4 Pentad formation microcell formation at tetrad stage	
	Fig.4.5 Sterile pollen grains	
	Fig.4.6 Fertile pollen grains	

...Contd.....

Plate No.	Title	After Page
Plate 5	Effect of Maleic hydrazide on germination in <i>Allium cepa</i>	55
	Fig.5.1 var. N-53	
	Fig.5.2 var. N-2-4-1	
Plate 6	One month old plants of <i>Allium cepa</i> varieties under the influence of MH	60
	Fig.6.1 var. N-53	
	Fig.6.2 var. N-2-4-1	
Plate 7	Three month old plants of <i>Allium cepa</i> varieties under the influence of MH	60
	Fig.7.1 var. N-53	
	Fig.7.2 var. N-2-4-1	
Plate 8	Initiation of flowering in onion varieties	62
	Fig.8.1 var. N-53	
	Fig.8.2 var. N-2-4-1	
Plate 9	Size of flower heads in <i>Allium cepa</i> varieties	62
	Fig.9.1 var. N-53	
	Fig.9.2 var. N-2-4-1	