LIST OF TABLES

	No. Title	After Page
1	Mitotic index and chromosomal aberrations in <i>Allium cepa</i> var. N-53 treated with Maleic hydrazide	
2	Mitotic index and chromosomal aberrations in <i>Allium cepa</i> var. N-2-4-1 treated with Maleic hydrazide	
3	Chromosomal anomalies observed during meiosis in <i>Allium cepa</i> var. N-53	47
4	Chromosomal anomalies observed during meiosis in <i>Allium cepa</i> var. N-2-4-1	47
5	Formation of abnormal sporads in Allium cepa var. N-53	50
6	Formation of abnormal sporads in Allium cepa var. N-2-4-1	50
7	Effect of Maleic hydrazide on pollen fertility in Allium cepa varieties	52
8	Effect of Maleic hydrazide on germination in onion varieties	a 54
9	Effect of MH on the growth of onion variety N-53	56
10	Effect of MH on the growth of onion variety N-2-4-1	57
11	Effect of MH on fresh and dry weight of the plant in onion variety N-53	59
12	Effect of MH on fresh and dry weight of the plant in onion variety N-2-4-1	60
13	Effect of MH on initiation of flowering is onion varieties	n 61
		ont d

...Contd.....

•

:: 2 ::

•

Table N	o. Title Af	ter Page
14	Effect of MH on chlorophyll content in the leaves of onion variety N-53	63
15	Effect of MH on chlorophyll content in the leaves of onion variety N-2-4-1	64
16	Effect of MH on carotenoid and polyphenol content in the leaves of onion varieties	66
17	Carbohydrate content in the leaves of MH treated onion varieties	67
18	Protein content in the leaves of two onion varieties treated with MH	69
19	Effect of Maleic hydrazide on RNA content in the leaves of onion varieties	71
20	Effect of Maleic hydrazide on ascorbic acid content in the leaves of onion varieties	72
21	Total soluble sugar content in bulbs of onion varieties under the influence of Maleic hydrazide	76
22	Effect of MH on ascorbic acid level in bulbs of two onion varieties	77
23	Effect of MH on anthocyanins in bulbs of two onion varieties	78