

# CONTENTS

Chapters	Page No.
INTRODUCTION:	1-11
REVIEW LITERATURE:	12-39
MATERIALS AND METHODS:	40-45
1- Survey and collection:	40
2- Identification of causal organism:	40
2.1- Fibrosin body test:	41
2.2- Germination test:	41
2.3- Consistency in anamorph characters:	42
3- Intensity of disease:	42
4-Frequency of powdery mildew disease (%):	43
5-Pathogenecity test:	43
6-Preparation and sterilization of soil mixture:	44
7-Raising and maintenance of test plants:	44
8-Plant growth determination:	44
9-Statistical analysis:	45
RESULTS:	46-59
1-Anamorphic and teliomorphic characteristics features of <i>E. cichoracearum</i> var. <i>cichoracearum</i> and <i>S. fuliginea</i> infecting <i>Parthenium hysterophorus</i> :	46-49
2- Anamorphic characteristic features of <i>Erysiphe cichoracearum</i> var. <i>cichoracearum</i> infecting some weeds:	50

3- Frequency of occurrence and intensity of powdery mildew disease of <i>Parthenium hysterophorus</i> in different localities at Aligarh:	51-52
4- Frequency of occurrence and intensity of powdery mildew disease of weeds in different localities at Aligarh:	52-58
5- Impact of powdery mildew disease caused by <i>E. cichoracearum</i> var. <i>cichoracearum</i> and <i>Sphaerotheca fuliginea</i> on the growth of <i>Parthenium hysterophorus</i> :	58-59
<b>DISCUSSION:</b>	<b>60-70</b>
<b>SUMMARY:</b>	<b>71-73</b>
<b>REFERENCE:</b>	<b>74-101</b>

---