

**CHAPTER**

**1**

**PLANT PATHOLOGY- IN-  
TRODUCTION, HISTORY  
AND IMPORTANCE**

Sonali Parwan<sup>1\*</sup>, Sonya Hallan<sup>2</sup>, Sakshi Suchita<sup>3</sup>, Vakul Sood<sup>4</sup>

<sup>1</sup>Ph.D. Scholar at Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Palampur (Himachal Pradesh)

<sup>2</sup>Ph.D. Scholar at Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Palampur (Himachal Pradesh)

<sup>3</sup>Ph.D. Scholar at Punjab Agriculture University, Ludhiana (Punjab)

<sup>4</sup>Ph.D. Scholar at Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Palampur (Himachal Pradesh)

(Corresponding author- parwansonali1610@gmail.com)

**ABSTRACT**

Plant pathology (also phytopathology) is study of diseases in plants caused by pathogens and environment conditions. The causal agent may be a fungus, bacterium, virus or parasitic flowering plant. It deals with cause, control and prevention of plant diseases at *in vitro* as well as field level. Plant pathology began with Theophrastus in the ancient era, when he studied plant diseases in field and influence of environment on disease development. The scientific approach to plant pathology began with the Early Modern period with the invention of microscope by Leeuwenhoek. Since then, with the advent of technologies new discoveries are being made which helps us prevent these diseases, which have a potential to cause famines and widespread epidemics and lead to heavy economic losses.

**Keywords:** Plant Pathology, history, mycology, bacteria, virology, epidemiology

**INTRODUCTION**

*“Plant Diseases are Shift Enemies”*

- E C Stakman

# Introduction To The History Of Plant Pathology

**Don Edwin Ellis**



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