

CLIMATE CHANGE IMPACT ON PLANT PATHOGENS AND PLANT DISEASES What are the possible effects of climate change on plant diseases? Changes in environmental conditions will, therefore, affect the level of diseases. Climate change may directly affect several aspects of the biology of host plants, including their phenology. Key-features A plant disease is the result of interaction among a susceptible host plant, a virulent pathogen (or more than one) and the environment. In these pages you will find an explanation of the possible effects of climate on the interaction among environment, plant and pathogen, which are the key factors in plant disease development. May it affect the use of chemicals in agriculture? 1