



Effects of Crop Disease and Pesticide on Crop Production

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Message from the Guest Editors

Dear Colleagues,

Crop diseases can cause significant losses to farmers and threaten food security. The spread of crop diseases has increased dramatically in recent years, with agricultural intensification, globalization, trade, and climate change playing a role. Chemical control has been critical in preventing losses due to crop diseases, especially with the development of numerous specific-action fungicides. However, intensive use of chemical control measures has in turn led to its own challenges, including resistance to pesticides. Therefore, improved knowledge, risk assessment, and monitoring will be vital to improve management decisions and safeguard both existing and future chemistry. For this Special Issue on “Effects of Crop Disease and Pesticide on Crop Production”, we are ready to accept papers that enhance our understanding of the role of crop diseases in current or alternative production systems and discuss opportunities for new solutions and decision support systems for the management of crop diseases with chemical and non-chemical methods.

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