

Special Issue

Soil Health and Its Role in Crop Protection

Message from the Guest Editor

Soil health plays an important role in crop protection. In soil with continuous cropping year-round, soilborne pathogenic fungi, bacteria, and nematodes continue to accumulate, which can easily lead to the outbreak and spread of soilborne diseases, causing widespread disease and even whole-plant death, resulting in serious yield reduction and economic losses that cannot be compensated for. Therefore, soil health is extremely important. Before planting crops, it is necessary to check the soil health status, monitor the population density of pathogenic bacteria and nematodes in the soil, and if necessary, carry out soil disinfection treatment before planting, which can effectively reduce the occurrence of pests and diseases in the middle stage of crop growth and ensure the healthy and sustainable development of crops.

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Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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