

Special Issue

New Insights into Pathogen, Insect Pest, and Weed Control in Field and Greenhouse Cropping Systems

Message from the Guest Editor

Improved knowledge of electrostatics has provided an academic basis for the creation of innovative tools to manage all classes of pests (pathogens, insects, and weeds). The present Special Issue highlights various types of electrostatic research on the management of plant pathogens, insect pests, and weeds under field and greenhouse conditions. Of these, quality-improved electrostatic traps constitute a promising tool to prevent pathogenic, wind-carried spores and flying insect pests from entering a greenhouse or to monitor their spatial and periodic changes, to ensure safe crop production. Safe arcing apparatus can be a practical tool to eradicate weeds specifically or insect pests emerging from underground pupae. Despite ongoing challenges, continued research will provide new insights that will enable the development of reliable plant protection methods, to ensure sustainable crop production, even as changes arise in different cropping systems.

Guest Editor

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