



Cereal Rust Management for Improving Global Food Security

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Message from the Guest Editor

Dear Colleagues,

The Food and Agriculture Organization of the United Nations estimates that world food production must increase at least 70% by 2050 to keep pace with population growth and achieve food security goals. Rust diseases have been ongoing problems for production of major cereals, and can cause significant yield and quality losses. With the advances in plant pathology, genetics, genome sequencing, resistance breeding and host-pathogen molecular interactions, there lies an enormous potential in developing new technologies and tools for mitigating risks posed by the rust diseases on cereal production.

This special issue of Agronomy Journal will feature on 'Cereal Rust Management for Improving Global Food Security'. We invite experts to contribute original research, reviews and opinion pieces covering all related topics including rust surveillance, host pathogen interactions, gene discovery, gene mapping, and breeding for resistance to manage cereal rusts.

Dr. Davinder Singh
Guest Editor





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Message from the Editor-in-Chief

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