Plant Pathology (PLPA)

Faculty
A. Rick Bennett, Professor
Burt H. Bluhm, Assistant Professor
Steven A. Brooks, Adjunct Associate Professor
D. Kelly Cartwright, Adjunct Assistant Professor
Richard D. Cartwright, Extension Professor
Jim Correll, Professor
Yulin Jia, Adjunct Associate Professor
Ken L. Korth, Professor
Gene Milus, Professor
Robert Thomas Robbins, University Professor
Craig S. Rothrock, Professor
John C. Rupe, Professor
Ron J. Sayler, Assistant Professor
J. Ples Spradley, Extension Associate Professor
David Orien TeBeest, University Professor
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Degree Conferred:
M.S. (PLPA)
Ph.D. (PTSC) See Plant Science

Primary Areas of Faculty Research: Research areas of the faculty of the Department of Plant Pathology are diverse, including fundamental studies emphasizing fungal, viral, nematode, and bacterial pathogens of plants, as well as mission-oriented research aimed at solving specific disease problems. Research projects are wide-ranging, extending from basic and molecular aspects of disease and pathogenesis to more applied research on disease control methods for the major food and fiber crops in the world. Specific areas include: fungal ecology and genetics, nematology, virology, soil ecology, molecular biology of plant pathogens, biological control of plant diseases, genetics and physiology of parasitism and resistance, and diseases of cotton, fruits, rice, soybean, turfgrass, vegetables, wheat, corn, and sorghum.

Prerequisites to the M.S. Degree Program: Specific course prerequisites are not required for admission to the M.S. program. However, a strong undergraduate background in an agricultural, biological, and/or physical science is highly desirable. Deficiencies or prerequisites for advanced courses may be included in the individual student's academic program.

Requirements for the Master of Science Degree: A thesis reporting results of original research and a minimum of 24 semester hours of course work (including 15 semester hours in plant pathology) plus 6