



DISEASES AND PESTS OF CORN Vol. 1

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Video Production and 3D Animation:
STUMM-FILM Dr. Rolf Stumm Medien GmbH, Ludwigsburg, Germany

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1.1 Five Major Fungal Diseases of Corn (13:00 min)

Using stunning computer animation blended with real-life video, this teaching video impressively illustrates the disease cycles of five major fungal pathogens of corn, which can and do cause significant losses of crop yield and quality:

- Common rust (*Puccinia sorghi*)
- Northern leaf blight (*Exserohilum turcicum*)
- Eyespot disease (*Kabatiella zea*)
- Gray leaf spot (*Cercospora zea-maydis*)
- Fusarium ear rot (*Fusarium* spp.)

Your students and extension audiences will gain a clear understanding of the development and epidemiological spread of the diseases as well as measures to control them.

“This video has stunning computer animation, down to a microscope scale for a fungus-eye view of corn diseases. This is a great teaching tool for extension agents, growers, ag consultants, and high school and undergraduate students in biology and pathology courses. It packs lots of basic concepts into just 13 minutes.” -- Tim Paulitz Editor-in-Chief, APS PRESS

