New soybean disease slide sets

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Abstract
A few years ago, the Iowa State University "Plant Disease Clinic" started to receive reports on diseases relatively new to soybean growers, such as soybean sudden death syndrome (SDS) and diseases that cause seed discoloration. The prevalence of these diseases is increasing, especially in the last 2 years. As of this summer, SDS has been reported in more than 40 Iowa counties. The Clinic also received seed samples with as many as 40 percent of the beans showing black seed coats.

Keywords
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To help producers manage these diseases, two slides sets have been developed: Soybean Sudden Death Syndrome and Soybean Diseases Affecting Seed Quality. These slide sets are designed for extension staff or agribusiness agronomists for presentations at winter meetings. The slide sets include written scripts.

The SDS slide set covers the biology of SDS, disease identification, typical conditions and environments for disease occurrence, and management options. The seed quality slide set covers soybean mosaic virus, bean pod mottle virus, Cercospora leaf spot, and Phomopsis seed decay, with emphasis on disease identification, biology, and management.

A $20 duplication fee will be charged for each slide set. The electronic versions of these slide sets are also available and we will provide images via the Internet. To obtain these slide sets, e-mail me at xbyang@iastate.edu or mail your request to me at the Department of Plant Pathology, 315 Bessey Hall, Iowa State University, Ames, IA 50011.

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