

## **Future of Peanut Pest Management: A Plant Pathologist's Perspective**

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Integrated pest management (IPM) is a broad-based approach for pest control that has been used since the 1950s. Basically, this approach uses a variety of management tactics to keep pest levels below an economic threshold. However, choosing the appropriate tactics in a timely manner can be difficult in many agricultural production systems. Technology is continually revolutionizing agricultural decision making by transforming large quantities of data into useful and timely information. The focus of this presentation will be on what makes a successful integrated pest management strategy, and how novel technologies can possibly be incorporated into them. Novel agricultural technology topics related to pest identification in the field and the lab as well as various management tools will be covered in this presentation. Pests impacting peanut production are continually adapting and evolving, thus the tools used to manage them must also have this capability. The future of pest management lies with finding ways to incorporate novel information into established integrated pest management programs and adapting them for pest changes in the future.