NC STATE UNIVERSITY

College of Agriculture & Life Sciences
Department of Crop and Soil Sciences

go.ncsu.edu/CropAndSoil

Campus Box 7620
101 Derieux Place
Raleigh, NC 27695-7620
P: 919.515.2647

A. Douglas Worsham Weed Science Lecture Series

Weed Resistance and its Consequences – What Do We Do Now?

Dr. Harry J. Strek

Director of the Weed Resistance Competence Center

Bayer CropScience AG

Monday, November 25, 2019

2405 Williams Hall

Host: Dr. Ramon Leon

Refreshments at 2:45 pm

Seminar at 3:00 pm

Contact:
David Jordan, david_jordan@ncsu.edu, 919-810-6611

Abstract

The increase in herbicide resistance over the last decade has caused a series of changes in the global agricultural weed control market. Additionally, increasing regulatory pressure is reducing the pool of herbicides available for farmers and increasing the hurdles that must be overcome to bring new weed control products to the market. The implications of these changes will be discussed and how industry is adapting to them.

Dr. Harry J. Strek

Harry Strek grew up in North Carolina and worked on farms during school breaks. He studied botany and chemistry at the University of North Carolina at Chapel Hill. He then went to North Carolina State University and obtained his MS (1980) and PhD (1984) degrees in weed science. Harry started his professional career with DuPont Crop Protection in Newark, Delaware in 1984, working on soil persistence and recropping issues with sulfonylurea herbicides. He had assignments to France in 1987 and in 1990. Later in 1990 he moved to Moscow, Russia as the head of the Commonwealth of Independent States for DuPont Ag Products. He then left for Germany in 1992 to become Manager of Herbicide Field Development for DuPont Deutschland. He returned to the US in 1995 to work in the Environmental Fate Group supporting the re-registration of sulfonylurea herbicides in Europe and other projects. He left DuPont in 2008 and began working for Bayer CropScience AG in Frankfurt. He is currently Scientific Director of the Weed Resistance Competence Center in the Weed Control Biology Research group. It is the Bayer global reference center for weed resistance management, working on understanding resistance mechanisms and evolution in the field by weeds, testing and developing new concepts and tools to manage resistant weeds, and communicating and sharing our knowledge and solutions.

The A. Douglas Worsham Weed Science Lecture Series

The *Weed Science Program* in *Plant, Insect, Microbe and Soil Systems* of the College of Agriculture and Life Sciences provides a lecture series designed to enhance collaboration among weed scientists at North Carolina State University and others involved in the understanding and management of weeds. The lecture series is named in honor of Dr. Arch Douglas Worsham who had a distinguished career as a weed scientist at North Carolina State University for many years. Dr. Worsham impacted many students at both undergraduate and graduate levels and served many others during his career. Dr. Worsham has long been considered a unifying figure among weed scientists at North Carolina State University. Dr. Worsham began his career at North Carolina State University in 1960 after receiving BS and MS degrees in Agronomy from the University of Georgia and his PhD in Crop Science from North Carolina State University. His research focused on witchweed (*Striga asiatica*) management, no-tillage systems, and many other important aspects of sustainable weed management. Dr. Worsham made significant contributions to the North Carolina Agricultural Extension Service (now the Cooperative Extension Service) and was the instructor of the undergraduate weed science course at North Carolina State University. The series includes 3 to 5 lectures each year from a broad spectrum of weed scientists.