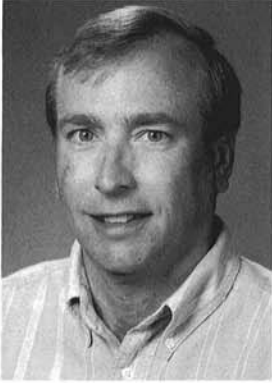


Ciba-Geigy Award

Sponsored by the Ciba-Geigy Corporation, this award is given to individual plant pathologists who have made significant contributions to the advancement of knowledge of plant diseases or their control. The award consists of a trophy and an expense-paid trip to Basel, Switzerland.

Forrest W. Nutter, Jr.



Forrest W. Nutter, Jr., was born in Plymouth, MA. He received his B.S. degree in botany from the University of Maryland and an M.S. degree in botany and plant pathology from the University of New Hampshire. He earned a Ph.D. degree in plant pathology from North Dakota State University. He took a position as assistant professor in the Department of Plant Pathology at the University of Georgia and joined the Department of Plant Pathology at Iowa State University as an associate professor in 1990.

Dr. Nutter is a leader in epidemiology and disease assessment. He has advanced the understanding of basic epidemiological concepts and has had a major impact on growers. Dr. Nutter has been a pioneer in the development and validation of computerized disease-warning systems. At Penn State, he developed and validated a model that predicts outbreaks of *Pythium* blight. The system gives golf course superintendents adequate warning to apply appropriate fungicides. Dr. Nutter's model has been commercialized and is now used on golf courses throughout the United States and in Japan. At the University of Georgia, Nutter developed a forecasting program for late leaf spot of peanut that reduced the number of fungicide sprays by half. Commercial utilization of his late leaf spot model has contributed to the profitability of peanut production in the southeastern United States.

At Iowa State University, Dr. Nutter has initiated research projects on gray leaf spot of corn, foliar pathogens of alfalfa, and soybean mosaic virus (SMV) of soybean. He is currently the chair of the NCR-138 Committee on Alfalfa Diseases and is a key research member of an integrated pest management (IPM) alfalfa issue team supported by the Leopold Center for Sustainable Agriculture. Dr. Nutter is working with J. Hill to track the spread of SMV strains using strain-specific MAbs.

Dr. Nutter is one of the world's leading authorities on the use of multispectral radiometry to gain insight into the spatial and temporal dynamics of plant disease epidemics. His model systems have included barley, soybean, peanut, and turfgrass. He has developed computerized disease-assessment training programs as tools to test several psychophysical laws concerning visual assessment of disease development. His computerized disease-assessment training programs are currently being used in more than 30 universities to provide students with more formal training in disease assessment. Nutter also chairs an international steering committee to develop a global database on pest-induced crop losses.

At Iowa State University, he has built the graduate epidemiology course into one of the strongest and most valued courses in the Plant Pathology Department. He is a mentor in the Freshmen Honors Program and has twice participated in the Minority Student Apprenticeship Program sponsored by the USDA.

Dr. Nutter has been very active in APS, including chairing the Plant Disease Losses and Epidemiology committees and serving as an associate editor for both *Phytopathology* and *Plant Disease*. His leadership as chair of the Plant Disease Losses Committee resulted in the publication of a symposium that he organized for the 1988 APS annual meeting in San Diego, CA. He also organized a discussion session sponsored by the Epidemiology and Pest Management committees that was held at the 1994 APS annual meeting in Albuquerque, NM.