

Dr. Ted S. Kornecki, an Agricultural Engineer, has been working in the Conservation Systems Research group at the USDA-ARS National Soil Dynamics Laboratory since 2003. Before this he worked as an Agricultural Engineer for the USDA - ARS, Soil and Water Research Unit in Baton Rouge, Louisiana and as a Research Engineer at the Biosystems Engineering Department, Oklahoma State University. He is an Affiliate Professor in the Biosystems Engineering Department at Auburn University, and a registered Professional Engineer in the State of Louisiana, USA.

Dr. Kornecki is a native of Poland, and received both B.S. and M.S. degrees from the Polytechnic Institute and Agricultural University in Wroclaw, Poland, and a Ph.D. degree from the Biosystems Engineering Department, Oklahoma State University, Stillwater, Oklahoma, USA. Dr. Kornecki's primary responsibilities in the Conservation Systems Research group are to conduct research related to development of no-till equipment for conservation system across different farm scales including small limiting resource farming operations.

He is an inventor of seven US patents including innovative equipment for cover crop management utilizing rolling technology and transplanting seedlings directly into cover crop residue cover. These devices are compatible with walk-behind tractors, 4-wheel tractors, and are applicable not only for use in small farming communities in the US, but also in developing countries around the world.

Dr. Kornecki is a nationally and internationally recognized expert in development of no-till agricultural machinery, has published more than 100 peer review publications, is a member of the USDA-ARS National Patent Committee, and is an Associate Editor for the Machinery Division of the American Society of Agricultural and Biological Engineers.