



Dr. Gary Stutte
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Dr. Gary Stutte is President and Founder of SyNRGE, LLC. SyNRGE is an R&D company that provides consulting and advising services related to space agriculture and commercial controlled environment agriculture to academic, government and industry clients.

Dr. Stutte managed NASA's flight and ground-based plant research at John F. Kennedy Space to develop safe, sustainable food production systems for long duration space missions to Moon, Mars and Beyond for 25 years. Dr. Stutte is principal investigator on four space flight experiments, publishes widely on effects of growth conditions crops grown hydroponically in greenhouses and closed environments, and serves in senior executive roles for national and international professional organizations.

Dr. Stutte is actively engaged in developing ground-based applications for space technology in biosciences, protected agriculture, and vertical farms. This includes the development of LED lighting systems for crop production, production of high value products in closed environments, and crop selection and design of CEA facilities. Dr Stutte has published over 150 scientific articles in areas of plant nutrition, space biology, LED lighting, and controlled environment agriculture.

Dr. Stutte has received numerous honours and awards, including NASA's Space Flight Awareness Award, The American Society of Horticultural Science's Outstanding Industry Horticulturalist Award, and the Foundation for Development of Controlled Environment Agriculture's Master of Innovation Award. His work is often featured in newspaper and TV reports, and his work highlighted in documentaries with worldwide distribution.

Dr. Stutte is a founding member and Executive Director (Interim) of CEADS (Controlled Environment Agriculture Design Standards) and has served as Chairman of the Board of Directors for the USDA Committee for Controlled Environment Technology, American Society for Horticulture Sciences Controlled Environment Working Group and the Plant Growth Regulation Society of America. Dr. Stutte is a founding member of the the American Council for Medicinally Active Plants and served its executive director for nine years.

Dr. Stutte serves on advisory board to United States Department of Agriculture's Foundation for Food and Agriculture Research's Urban Food System, Inter-American Institute for Cooperation on Agriculture (IICA): Panama's initiative for vertical farming, and Senior Science advisor to companies growing high value crops using indoor agriculture and vertical farming.