

DR. ISMAIL CAKMAK

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Dr. Ismail Cakmak, is a distinguished Professor of Plant Nutrition at Sabanci University in Istanbul, Turkey and has specialized in plant nutrition physiology. He earned his Ph.D. from the University Hohenheim in Stuttgart, Germany.

Published over 240 peer-reviewed articles which have been widely cited (more than 49 200 times; Google Scholar). He has been named among the “highly cited researchers” in agricultural sciences by Clarivate analytics. He ranked in the top 0.05 % of most influential scientists in all scientific disciplines in 2021, 2022 and 2023 by Stanford University, based on Elsevier’s Scopus Database, and top 10 among all agronomists.

Received various prestigious awards including the IFA-International Crop Nutrition Award in 2005, the Australian Crawford Fund “Derek Tribe Award Medal” in 2007, the Germany-Alexander von Humboldt Foundation-Georg Forster Research Award in 2014, International Plant Nutrition Institute-IPNI Science Award in 2016 and the World Academy of Sciences Agricultural Science Prize in 2016.

He is co-editor of the Book – “Marschner’s Mineral Nutrition of Plants” (4th edition), and acted as “Honorary Theme Editor” of the Encyclopedia of Life Support Systems published by UNESCO. He served as President of the International Plant Nutrition Council (2009 -2013) and coordinated the International HarvestPlus-HarvestZinc project in 15 countries between 2008-2022, focusing on the role of fertilizer strategy in enriching food crops with essential micronutrients, particularly zinc.

He also invests significant time in teaching nutrient interactions within the plant and understanding how proper mineral nutrition mitigates stress-related damage in plants. He is an elected member of The Academy of Europe and The Science Academy of Turkey, and made scientific speeches in more than 60 countries.