

## **TAJIMA Ryosuke, Ph.D**

- Agronomist | Modeler | Root scientist

### **Academic Degrees**

- BSc 2001 Faculty of Agriculture, Hokkaido University
- MSc 2003 Graduate School of Agriculture, Hokkaido University
- Ph.D 2006 Graduate School of Agricultural and Life Sciences, the University of Tokyo

### **Professional Experience**

- April 2006 - October 2007:  
Post doctoral Fellow, Field Production Science Center, Graduate School of Agricultural and Life Sciences, the University of Tokyo
- November 2007 - April 2008:  
Post doctoral Fellow, National Agricultural Research Center for Hokkaido Region on loan from Hokkaido Intellect Tank
- May 2008 - September 2022:  
Assistant Professor, Field Science Center, Graduate School of Agriculture Science, Tohoku University
- October 2022 - current:  
Associate Professor, Field Science Center, Graduate School of Agriculture Science, Tohoku University

### **Publications**

- Jung, H., Tajima, R., Ye, R., Hashimoto, N., Yang, Y., Yamamoto, S., Homma, K. 2023. Utilization of UAV Remote Sensing in Plant-Based Field Experiments: A Case Study of the Evaluation of LAI in a Small-Scale Sweetcorn Experiment. *Agriculture*. 13: 561.
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- Suzuki, T., Uno, T., Tajima, R., Ito, T. and Saito, M. 2021. Optimum range of soil phosphorus fertility needed for effective arbuscular mycorrhizal inoculation of Welsh onions in a non-allophanic Andosol. *Soil Science and Plant Nutrition* 67(5): 540-544.
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- Uno, T., R. Tajima, K. Suzuki, M. Nishida, T. Ito, M. Saito. 2021. Rice yields and the effect of weed management in an organic production system with winter flooding. *Plant Production Science*. 24(4): 405-417.
- Moritsuka, N., Saito, H., Tajima, R., Takahashi Y., Hirai, H. 2019. Farm-Scale Estimation of Total Nitrogen Content in Surface Paddy Soils by Extraction with Commercially Available Hydrogen Peroxide, *Agronomy* 10: 40.
- Nasukawa, H., R. Tajima, B. I. J. Muacha, M. C. F. Pereira, K. Naruo, S. Nakamura, M. Fukuda, T. Ito, K. Homma. 2019. Analyzing soil-available phosphorus by the Mehlich-3 extraction method to recommend a phosphorus fertilizer application rate for maize production in northern Mozambique *Plant Production Science*. 22: 211-214.
- Yamane, K., R. C. Mabesa-Telosa, R. Tajima, N. P. M. C. Banayo, Y. Kato. 2019. A simple, low-cost technique for in situ measurement of leaf P concentration in field-grown rice. *Journal of Plant Nutrition and Soil Science*. 182(1): 28-30.
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