



Yoshihiko TAKAHASHI, Ph.D.

Professor

Program: Life and Food Sciences

Area: Agriculture and Bioresources

Undergraduate: Dept. of Agrobiolgy

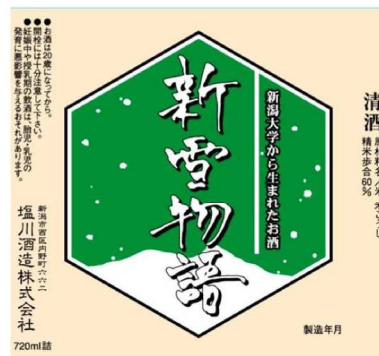
Professional Expertise

Soil Science and Plant Nutrition

Research Fields of Interest

Studies on cultivation management and sustainable productivity in paddy field and upland field converted from paddy field

We cultivate rice for sake brewery in our university farm, the university brand sake "Shinsetsu Monogatari" has been produced.



Education

1995: Ph.D. in Science Biology Environmental Control, Graduate School of Environmental Symbiotic Studies, Tokyo University of Agriculture, Japan

1978: B.S. in Agriculture Chemistry, Yamagata University, Japan

Professional Societies and Activities

1. Japanese Society of Soil Science and Plant Nutrition
2. Crop Science Society of Japan

Awards

1. Japanese Society of Soil Science and Plant Nutrition Technical Award, 1991
2. Crop Science Society of Japan Paper Award, 2011

Major Publications

Papers

- [1] "Effect of Deep Placement of Controlled Release Nitrogen Fertilizer (Coated Urea) on Growth Yield, and Nitrogen Fixation of Soybean Plants". Soil Science and Plant Nutrition, Vol.37,no2, pp.223-231, 1991
- [2] "Effect of Placement of Coated Urea Fertilizer on Root Growth and Rubidium Uptake Activity in Soybean Plant." Soil Science and Plant Nutrition, Vol. 37,no4,pp.735-739,1991
- [3] "Evaluation of N₂ Fixation and N Absorption Activity by Relative Ureide Method in Field-Grown Soybean Plants with Deep Placement of Coated Urea." Soil Science and Plant Nutrition, Vol.38,no4,pp.699-708,1992
- [4] "Effect of Basal Side-Dressing of Various Types of Coated Urea on Shoot Growth, Yield Component, and Seed Composition of Soybean (*Glycine max*(L.) Merr.)" Soil Science and Plant Nutrition, Vol.52, no.2, pp264-273,2006

Books

- [1] Yashima, H., Fujikake, H., Sato, T., Ohtake, N., Takahashi, Y. and Ohya, T. 2002, Nitrate application from lower roots can promote nodulation and N₂ fixation in soybean, CABI Publishing

Book Chapters

- [1] Takahashi, Y. and Ohya, T. 2011 "Soybeans cultivation, Uses and Nutrition. Production and Consumption of Green Vegetable Soybeans "Edamame" Nova Science Publishers, Inc. New York, pp427-444