

演講通告

演講者：長谷川 浩 博士 (Dr. Hiroshi HASEGAWA)

(日本東北農業研究中心)

(日本有機農業研究會 秘書長)

演講題目：

(一) 3月23日上午10時(台灣大學農藝館112室)

Organic Agriculture in the Mature and Stable Stage, with a brief
Introduction of History of Organic Agriculture in Japan

有機農作質量穩定之境界－兼論日本有機農業史

(日文演講，江文章教授翻譯)

(二) 3月25日下午2時(中興大學農藝學系作物科學大樓國

際會議廳)(英文演講)

Opportunities for (1) Weed Management of Organic Rice Cultivation,
and (2) Participatory Research and Development for Organic Agriculture

聯絡人

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Name: Hiroshi Hasegawa

Title: Senior Researcher (Dr. in Agronomy)

Education: Crop science and Agronomy, Graduate School of Nagoya University (1982-1988).

Job: Hokuriku National Agricultural Experiment Station (1988-1996).
University of California, Davis (1996-1998, as a visiting scientist).
Tohoku National Research Center (1998 to present).

Society : The general secretary of Japanese Society of Organic
Agriculture Science (2004 to present).

Major publications (in Japanese):

Hasegawa, H. Usui, Y. Puddlings as a Means of Pre-plant Paddy Weed Management in Organic Farmers' Fields of Northeastern Japan. Japanese Journal of Organic Agriculture Science (submitted).

Hasegawa, H. (2008) The current status of seed banks and *Monochoria vaginalis* in organic farmers' paddy fields. Journal of Organic Agriculture Research. 8: 94-108.

Hasegawa, H. (2007) Toward establishment of methodology for organic farming systems. Journal of Organic Agriculture Research. 7: 225-234.

Hasegawa, H. Furukawa, Y. (2005) Current status of soil chemical properties under organic management. Journal of Organic Agriculture Research. 5: 203-216.

Major publications (in English):

Furukawa, Y. Hasegawa, H. (2006) Response of spinach and komatsuna to biogas effluent made from source-separated kitchen garbage. Journal of Environmental Quality. 35: 1939-1947.

Hasegawa, H. Furukawa, Y. Kimura, S. D. (2005) On-farm assessment of organic amendments effects on nutrient status and nutrient use efficiency of organic rice fields in Northeastern Japan. Agriculture Ecosystems and Environment. 108: 350-362.

Hasegawa, H. Denison, R.F. (2005) Model predictions of winter rainfall effects on N dynamics of winter wheat rotation following legume cover crop or fallow. Field Crops Research 91:251-261.

Hasegawa, H., (2003) High-yielding rice cultivars perform best even at reduced nitrogen fertilizer rate. Crop Science 43: 921-926.