

[Available Issues](#) | [Japanese](#)>> [Publisher Site](#)Author: [ADVANCED](#) | Volume Page
Keyword: | [TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

ONLINE ISSN : 1883-2261

PRINT ISSN : 0389-1763

Japanese Journal of Farm Work Research

Vol. 44 (2009) , No. 3 pp.173-179

[\[PDF \(308K\)\]](#) [\[References\]](#)**A Case Study of Organic Rice Production System and Soil Carbon Storage in West Java, Indonesia**[Masakazu KOMATSUZAKI](#)¹⁾ and [M. Faiz SYUAIB](#)²⁾

1) Ibaraki University, College of Agriculture

2) Bogor Agricultural University, Department of Agricultural Engineering

(Received May 7, 2009)

(Accepted August 22, 2009)

Abstract

Organic farming provides a lot of benefits in Indonesia, because it can improve soil quality, food quality and soil carbon sequestration. This research was designed to evaluate the ability of soil carbon storage by making comparisons between conventional and organic farming systems for rice production in West Java, Indonesia. The results from soil analysis indicated that organic farming had significantly higher soil carbon storage capacity than conventional farming. Organic farming can also cut some costs for farming, but it requires about twice as much labor. The sharecropping system of rice farming in Indonesia is highly exploitative of workers ; therefore, research should be conducted to develop a fairer organic farming system that can enhance both local and global sustainability.

Key words[organic farming](#), [rice farming system](#), [soil carbon sequestration](#), [weeding tools](#), [working time](#), [appropriate technology](#)[\[PDF \(308K\)\]](#) [\[References\]](#)Download Meta of Article [\[Help\]](#)[RIS](#)[BibTeX](#)

To cite this article:

Masakazu KOMATSUZAKI and M. Faiz SYUAIB (2009): A Case Study of Organic Rice Production System and Soil Carbon Storage in West Java, Indonesia . Japanese Journal of Farm Work Research 44: 3 173-179 .

doi:10.4035/jsfwr.44.173

JOI JST.JSTAGE/jsfwr/44.173

Copyright (c) 2010 Japanese Society of Farm Work Research



[Japan Science and Technology Information Aggregator, Electronic](#)

