

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. 43 (2008) , No. 1 pp.21-27



[\[PDF \(629K\)\]](#) [\[References\]](#)

### Effects of Enlargement of Hill Distance on Growth and Yield of Normal Season Cultured Rice —Sparse Planting for Reduction in Labor of Raising of Seedling and Seedling Transportation in Rice—

[Tetsuro KAWASAKI](#)<sup>1)</sup>, [Youko MORISIGE](#)<sup>2)</sup>, [Eiji SUGIYAMA](#)<sup>3)</sup>, [Hirosi KIMURA](#)<sup>2)</sup>  
and [Hideki SUGIMOTO](#)<sup>1)</sup>

1) Faculty of Agriculture, Ehime University

2) Ehime Agricultural Experiment Station

3) Agricultural Administration and Extension Division, Imabari Regional Office

(Received August 20, 2007)

(Accepted February 23, 2008)

#### Abstract

In the paper, the effects of enlargement of hill distance on growth and yield of paddy rice in normal season culture were investigated for the case of 30cm row distance.

As the results, no effect on the yield were found in the varieties of 'Koigokoro' and 'Hinohikari' which were transplanted from the beginning to the middle of June with hill distance from 18cm to 36cm or 45cm ; and in the variety of 'Himenomai' which was transplanted from the beginning to the end of June with hill distance from 18cm to 36cm. These results suggest a drastic labor saving of seedling culture and seedling transportation by reduction of the number of nursery box with sparse planting.

#### Key words

[Southwestern warm region of Japan](#), [Rice](#), [Normal season culture](#), [Enlargement of hill distance](#), [Sparse planting](#), [Seedling culture labor](#), [Seedling transportation labor](#), [Labor saving](#)



[\[PDF \(629K\)\]](#) [\[References\]](#)

Download Meta of Article [\[Help\]](#)

[RIS](#)

[BibTeX](#)

To cite this article:

Tetsuro KAWASAKI, Youko MORISIGE, Eiji SUGIYAMA, Hiroshi KIMURA and Hideki SUGIMOTO (2008): Effects of Enlargement of Hill Distance on Growth and Yield of Normal Season Cultured Rice

—Sparse Planting for Reduction in Labor of Raising of Seedling and Seedling Transportation in Rice— . Japanese Journal of Farm Work Research 43: 1 21-27 .

---

doi:10.4035/jsfwr.43.21

JOI JST.JSTAGE/jsfwr/43.21

Copyright (c) 2008 Japanese Society of Farm Work Research



---

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

