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ONLINE ISSN : 1883-2261

PRINT ISSN : 0389-1763

Japanese Journal of Farm Work Research

Vol. 43 (2008) , No. 3 pp.143-149

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Effects of Reduction of Amount of Seedlings Picked off from Seedling Mat by Rice Planter and Enlargement of Hill Distance on Growth and Yield of Paddy Rice
—Sparse Planting for Reduction in Labor of Raising of Seedling and Seedling Transportation in Rice—

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(Received February 12, 2008)

(Accepted August 23, 2008)

Abstract

In the paper, the effects of amount of seedlings which are picked off from seedling mat by rice planter and enlargement of hill distance on growth and yield of paddy rice were investigated for the case of 30cm row distance, and the possibility of reduction of the number of nursery box was discussed.

As the results, in a general hill distance, no effects on the yield were found even if amount of seedlings picked off from seedling mat by rice planter was the minimum. And the number of nursery box was reduced to less than 60%.

Still, if we accept a little decrease in yield or we do supplemental planting in the culture of a good transplanting season, the number of nursery box is reduced to less than 30% in culture by enlargement of hill distance and reduction of amount of seedlings picked off from seedling mat by rice planter.

Key words

[Southwestern warm region of Japan](#), [Rice](#), [Sparse planting](#), [Amount of seedlings picked off from seedling mat by rice planter](#), [Enlargement of hill distance](#), [Seedling culture labor](#),

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Tetsuro KAWASAKI, Youko MORISIGE, Eiji SUGIYAMA, Hiroshi KIMURA and Hideki SUGIMOTO (2008): Effects of Reduction of Amount of Seedlings Picked off from Seedling Mat by Rice Planter and Enlargement of Hill Distance on Growth and Yield of Paddy Rice—Sparse Planting for Reduction in Labor of Raising of Seedling and Seedling Transportation in Rice—. Japanese Journal of Farm Work Research 43: 3 143-149 .

doi:10.4035/jsfwr.43.143

JOI JST.JSTAGE/jsfwr/43.143

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