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Effect of Diversification Strategy on Sustainability of Farm Management:

Studies on the Role of Suburban Farms' Managerial Capabilities

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Summary

While the overall number of farms in our country has been decreasing, the number of corporate farms has been increasing annually, and their average scale has been expanding. Though the number of farms employing non-family members has increased in recent years, the concepts of man summary 150 words or less. recent annuagement, and organizational culture in farm management have not been widely disse times. New Roman 10pt. It is summary times have recent years, the concepts of man summary 150 words or less. The summary of the search that comprehensively analyzes the search that comprehensively anal

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I Introduction

Farmland use in urban areas has been the subject of constant in the subject of constant in the subject of to high residential land prices and planned farmland conservation. In recent years, there has been an increase in calls to promote farmland conservation while meeting demand from urban residents for farming encounters and farm work experiences(Maru, 2016).

Because the farm experience business is also a *farm business*, if the land is owned by the farmer, it is subject to the inheritance tax payment grace period system, which makes it possible to avoid farm-land conversion for the purpose of paying inheritance tax1). In addition because the farmland is comprehensively managed by the farm manager, poorly maintained landscapes are unlikely to occur. An-other benefit is that users can participate even if they cannot carry all aspects of farm work.

This situation led to urban farmers' moves toward direct marketing such as farm-gate stand sales of vegetables. In addition, by growing multiple crops to enable direct sales to consumers, these farmers required higher labor input than did conventional vegetable farmers, Recently, solutions have been explored such as the use of volunteers for farm work (Geode and Komspon,

1983; Kunimitsu et al., 2013). The farm experience business is drawing interest through using a business model that can save labor and increase income by selling farming knowledge developed through experience in multi-crop cultivation as a service.

 Berogman and Destwanger (2005) reported that a business model that vertically divided ridges of 21 crops provided preferable landscapes while facilitating effective maintenance and management at a farm in Nerima Ward.

II Methodology

- 1 Studied cases
- (1) Business status and land use

In this study, we conducted an analysis of farm experience businesses in the Tokyo MP. With the exception of the Nishitama region, almost all areas within the Tokyo MP are designated as cities that are subject to taxation of farmland in Urbanization Promotion Areas (UPA) at the same level as housing land, where continued agricultural use of Production Green Land (PGL) is encouraged.

Table 1 shows an overview of experienced farm businesses from the questionnaire survey. The average amount of experience in the business was 4.4 years, and

Table 1. Parameters setting for Citespace

	_
Parameters	Value
Selection Criteria	Top 20 %
Node Types	Keyword
Strength of Links	Cosine
Scope	Within Slices
Prunning	FALSE
Years Per Slice	1 year
Time Slicing	2002 JAN to 2021 DEC

Source:Created by the authors.

Notes:1) The pruning algorithm can be pathfinder or minimam spanning tree.

2) In the selection criteria, the maximum number of selected items per slice 100.

the average number of contracted users was 73.2, the highest being 138.

Figure. 1 shows the designation status of PGL within managed farmland.

Farmland use in urban areas has been the subject

of constant disputes involving development pres-sure related to high residential land prices and planned farmland conservation. In recent years, there has been an increase in calls to promote farmland conservation while meeting demand from urban residents for farming encounters and farm work experiences (Maru, 2016).

Because the farm experience business is also a *farm business*, if the land is owned by the farmer, it is subject to the inheritance tax payment grace period system, which makes it possible to avoid farm-land conversion for the purpose of paying inheritance tax¹. In addition because the farmland is comprehensively managed by the farm manager, poorly maintained landscapes are unlikely to occur. Another benefit is that users can participate even if they cannot carry out all aspects of farm work.

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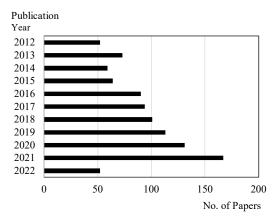


Figure 1. Number of published patents analyzed in this study by year

Source: WIPO(2016) dataset.

vegetables. In addition, growing multiple crops to enable direct sales to consumers, these farmers required higher labor input than did conventional vegetable farmers. Recently, solutions have been explored such as the use of volunteers for farm work (Geode and Komspon, 1983; Kunimitsu et al., 2013). The farm experience business is drawing interest through using a business model that can save labor and increase income by selling farming knowledge developed through experience in multi-crop cultivation as a service.

Figure 2 shows the designation status of PGL within managed farmland.

References

Berogman, T. E. and W. K. Destwanger (2005) The Role of Information in Applied Consumption Analysis, in A. K. Weisman, ed., *Economics of Consumer Behavior*, London: White University Press, 111-133.

Geode, C. and T. R. Kompson (1983) Applied Production Economics: Theory and Application, New York: APOT Press.

Kunimitsu, Y., T. Iizumi, and M. Yokozawa (2013) Is Longte rm Climate Change Beneficial or Harmful for Rice Total Factor Productivity in Japan: Evidence from a Panel Data Analysis, *Paddy and Water Environment* 12(2) 213-225.htt p://doi.org/10.1007/s10333-013-0368-0.

Maru, T. (2016) How Social Customs Restrict EU Accession Effects on Female Labor Participation in Agricultural Production in Rural Adana, Turkey: A Simulation Analysis, *Ja panese Journal of Rural Economics* 18(1): 17-31. http://doi.org/10.18480/jjre.18.17.

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- in Agricultural Production in Rural Adana, Turkey: A Simulation Analysis, *Japanese Journal of Rural Economics* 18(1): 17-31. http://doi.org/10.18480/jjre.18.17.
- Kunimitsu, Y., T. Iizumi, and M. Yokozawa (2013) Is Long-term Climate Change Beneficial or Harmful for Rice Total Factor Productivity in Japan: Evidence from a Panel Data Analysis, *Paddy and Water Environment* 12(2): 213-225. http://doi.org/10.1007/s10333-013-0368-0.
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- *If the article is available online, add the DOI as a URL.
- (5) Citing foreign language books:
- Geode, C. and T. R. Kompson (1983) *Applied Production Economics:* Theory and Application, New York: APOT Press.
- (6) Citing chapters in foreign language books (edited):
- Berogman, T. E. and W. K. Destwanger (2005) The Role of Information in Applied Consumption Analysis, in A. K. Weisman, ed., *Economics of Consumer Behavior*, London: White University Press, 111-133.
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- (7) Discussion Papers
- Yamashita, K. (2009) Kankyo to Boeki no Keizai Bunseki, RIETI Discussion Paper Series 09-J-028, Tokyo: Research Institute of Economy, Trade and Industry, https://www.rieti.go.jp/jp/publications/dp/09j028.pdf.
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- *If the discussion paper is available online, provide the URL.
- (8) Information published on the Internet (if the year of publication is unknown, it may be omitted): Ministry of Agriculture, Forestry and Fisheries (2008) *Shokuryo Jikyu-ritsu no Heya*, http://www.maff.go.jp/j/zyukyu/index.html (accessed on December 1, 2009).
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- *This guide is in accordance with decisions made by the Editorial Boards of Agricultural Economics-related societies.

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