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Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Reposinght to access food, not only to prevent hunger, but also to ensure health and Repository Universitas Brawijaya Repositivell-being elliprotecting and promoting livelihood, it is important to pay attention to what the people are doing and how to support their efforts" (FAO, Repository Universitas Brawijaya Repository Universitas Brawijaya Repository In Indonesia, 64.22% of the poor live in rural areas (Statistics Indonesia, Repository Universitas Brawijaya Reposi 2009). The Lack of assets, access to services, technology, market; skill training, and organizational support are factors that determine rural poverty. Farming Repository Universitas Brawijaya Reposi has been considered the major occupation of rural households, particularly the Reposition poor households. Limited land, water, and capital are the problems common to Reposithe rural poor. The lack of services hinders their access to new technologies Repository Universitas Brawijava Reposi and markets. Limited skills and knowledge undermine their efforts to improve Repositheir agricultural sproductivity, food esecurity, and income. The lack of Repository Universitas Brawijaya Reposi organizational support prevents them from thriving in the marketplace, limits their access to services, thereby making them vulnerable to the injustices that Repositorce them into poverty (Carletto, et al., 2007) tory Universitas Brawijaya Repository Universitas Brawijaya While in fact, Indonesia's developing agriculture sector has a high potential. Repos Not only does Indonesia have a reserve of rich natural resources, but also Repository Universitas Brawijaya Repos around 70% of its total population works in the agricultural sector. The cultivation Repository Universitas Brawijaya Repository Universitas Brawijaya of fruits, which are horticultural products, seems like a very promising sector. Repository Universitas Brawijaya Repos According to the data provided by the Ministry of Agriculture, farmer receives a Repository Universitas Brawijaya Repos higher value change on fruit than on other agricultural products. The comparison Repos of farmers' value change for fruits and that for average agricultural products is Repository Universitas Brawijaya Repos shown in Table 1. For a farmer, value change refers to the purchasing power Repository Universitas Brawijaya Repository Universitas Brawijaya

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Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repos They tend to believe that even though they work hard on their banana plants, the Repository Universitas Brawijaya Repos price of their produce remains low owing to their weak bargaining power. Repository Universitas Brawijaya Repository In rorders to sbreak the unegative pcycle of Lbananas developments the government has introduced an SOP (Standard Operating Procedures). SOP is Reposita new method in cultivating banana. By applying the SOP, the quality of the Repository Universitas Brawijaya harvest could be enhanced in order to increase its selling price. A higher selling price will encourage the banana farmers to cultivate their banana plants better. Repository Universitas Brawijaya Reposi The SOP was adopted from the standard cultivation method of a large private company in Indonesia. The government insists on the creation of similar Reposistandard cultivation methods for each fruit in the production center. Frawijaya Repository Universitas Brawijava Repository In order to create the new SOP, the central government, local government Reposi (provincial and district level), representatives of the farmers, and traders, and Repository Universitas Brawijaya Reposi researchers, worked together. Every SOP is specific to the location of its might be different from that for another. Reposi Therefore, farmers' experience and researchers' knowledge are needed in Repository Universitas Brawijaya Reposi order to create an ideal standard cultivation method. The researchers involved Repositin the creation of SOP are usually from the universities iversities Brawijaya Repository Universitas Brawijaya Repository The SOP is a standard method for any production process, which contains Reposition and detailed instructions regarding both cultivation and post-harvest Reposi processes. Detailed instructions for the SOP of banana cultivation are illustrated Repository Universitas Brawijaya Repos in the figure below. The SOP is introduced to the farmers after its creation. Reposi initially, government officials visit the banana farms, meet the farmers, introduce Repository Universitas Brawijaya Reposithe SOP to them, and conduct the field practice. The local extension worker is

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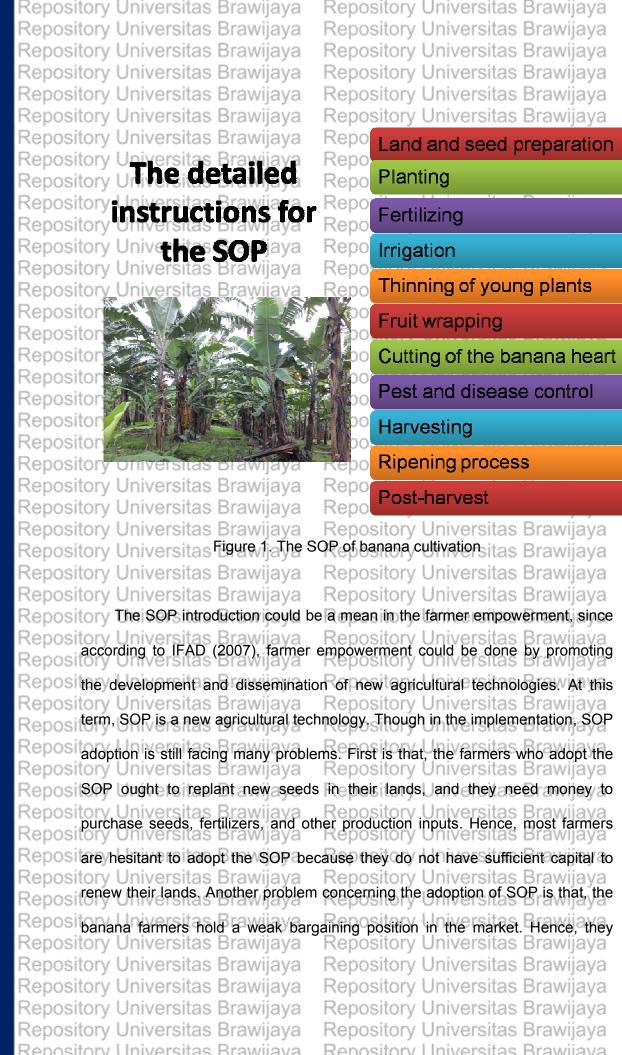
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Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Reposi procedure (SOP) of banana cultivation, and (2) to estimate the impact of the Repository Universitas Brawijaya Reposi This research will practically support the government program to increase the

Reposition of fruit products and empower the farmers. Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Theoretically, it will give input to the development theory on how to assist the

Reposi empowerment of people by diffusing a new technology on agriculture as its Repository Universitas Brawijaya Repository Universitas Brawijava

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Repository Repository Universitas Brawijaya Repository Repository factors of decision making process which are external factor, Repository Repository conservatism, personal character, external group influence, and old past Repository Repository Universitas Brawijay Repository Universitas Brawijaya Repository Repository Universitas Brawijaya Repository Repository Universitas Brawijaya Repository Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Renository Universitas Brawijava Renository Universitas Brawijaya Repository

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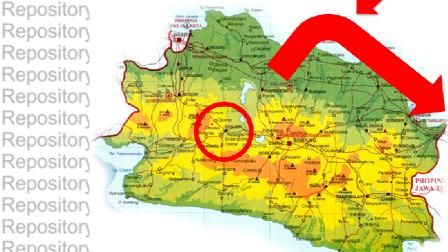
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Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repo consuming coconuts for around a month, and some could eat only once in three Repository Universitas Brawijaya days. Sukamanah, a village in another sub-district, Cibinong, which is home to

Repo around 200 households that survived on only could only eat oyek (drying Repository Universitas Brawijaya Health Office stated that in 2008 among 200,000 children, aged 5 and below, 890 were malnourished (Pelita, 2011). One

Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya RepositorThe above mentioned statistics provide a clearer picture of the food

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Repository Universitas Diawijaya Repository Universitas Brawijaya Repository Universitas Br Figure 2 Location of Cianjur Districtsitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya

Repository Universitas Brawijaya Repository Universitas Brawijaya Reposcassava). The vice of the Cianjur

Repoof the victims, Ilham, could gain only 5 kg body weight, when the normal weight Repository Universitas Brawijaya should have been 12 kg, awijaya Repository Universitas Brawijaya

Repositor in Cianjur. Most victims of hunger include the poor engaged in the Repository Universitas Brawijaya

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Repository Universitas Brawijaya Reporting data have been taken from the Repository Universitas Brawijaya Repository Universitas Brawijaya Repostatistics data; government documents, mass media, and data based on pository Universitas Brawijaya Repository Universitas Brawijaya pository Universitas Brawijaya Repository Universitas Brawijaya 3.3 Hypothesis Dository only ersitas Brawijaya Repository Universitas Brawijaya Repositor The hypotheses of the research are as follows: (1) the products' high selling Repository Universitas Brawijaya Repository Universitas Brawijaya price encourages the farmers to adopt the SOP; (2) the high yield encourages the farmers to adopt the SOP; and (3) the farmers owning large lands tend to adopt Repository Universitas Brawijaya Repository Universitas Brawijaya Reposhe SOP niversitas Brawijaya Repository Universitas Brawijaya Regarianalytical Moders Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repositor The factors that influence the farmers' decision to adopt the SOP could be Repo examined using ordinary least squares (OLS). OLS, first proposed by Carl Repository Universitas Brawijaya Repository Universitas Brawijaya Report Friedrich Gauss, is considered as a powerful and popular regression analytical method. In this study, the factors influencing the farmers' decision to adopt the Reposor were estimated using the following model tory Universitas Brawijaya Repository Universitas Brawijaya Renository Universitas Brawijava

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Repository Universitas Brawijaya Repositor The average landownership status in the SOP group is higher (0.92) than Repository Universitas Brawijaya Repository Universitas Brawijaya Report hat in the non-SOP group (0.72). This indicates that the SOP group has more landowning farmers than the non-SOP group. The sample variation in the SOP Reporting group is lower (0.29) than that in the non-SOP group (0.46). The p-value is 0.16, which indicates that the difference between both groups is not significant. Repositor The average land size of the SOP group is higher (5,516.67) than that of the Repository Universitas Brawijaya Repository Universitas Brawijaya non-SOP group (2,716.67). The sample variation in the SOP group (3,313.01) is also higher than that in the non-SOP group (2,472.32). The land size variable niversitas Brawijava niversitas Brawijaya Reporting might influence the farmers' decision, since the difference between both the Repository Universitas Brawijaya groups is significant (0.02) Repository Universitas Brawijaya The average production volume of the SOP group is higher (168.75) than Repository Universitas Brawijava Repository Universitas Brawiiava Reporthat of the non-SOP group (93.06). Further, the sample variation in the SOP group is higher (111.52) than that in the non-SOP group. The production volume pository Universitas Brawijaya Repository Universitas Brawijaya Reportance the farmers' decision, since the difference between both the sitory Universitas Brawijaya, Repository Universitas Brawijaya groups is significant (|p value| = 0.045). Repository Universitas Brawijaya Repositor The average productivity in the SOP group is higher (9.53) than that in the pository Universitas Brawijaya Repository Universitas Brawijaya non-SOP group (5.66); and the sample variation in the SOP group is lower (1.98) Reporthan that in the non-SOP group. The difference between both the groups is Repository Universitas Brawijaya Repository Universitas Brawijaya Reposignificant (|p value| = 0.0007).ava Repository Universitas Brawijaya Repositor. The average selling price in the SOP group is higher (1,358.33) than that in Repository Universitas bi Reporthe non-SOP group (1,108.33). The sample variation in the SOP group is lower Repository Universitas Brawijava pository Universitas Brawijaya (178.16) than that in the non-SOP group (285.04), and the selling prices of each po group also significantly differ (p value = 0.007) tory Universitas Brawijaya Repository Universitas Brawijaya pository Universitas Brawijaya Repositor The SOP group's average income from banana cultivation is higher (226,041.67) than that of the non- SOP group (111,777.78). The sample variation Repository Universitas Brawijaya Renository Universitas Brawijava Renository Universitas Brawijaya

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they wish to maximize the potency of their land. A piece of large land may generate more income if it is well-cultivated; therefore, farmers tend to conduct Reposintensive cultivation. Hence, they are more likely to adopt a new technology,

because they are aware of the benefits of increasing their land's potency. repository

Repositor A higher selling price, higher productivity, and larger land size tend to Repository Universitas Brawijaya contribute to the generation of a higher income for the farmer, because a larger

Reportand size could produce a good harvest and technology application could Repository Universitas Brawijaya

Reportincrease the production volume; hence, the products will sell at a higher price,

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thereby generating more income for the farmers. Such farmers are richer than Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya

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Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Repository Universitas Brawijaya Reposi The higher selling price could attract the farmers to adopt SOP. Further, Repository Universitas Brawijaya Reposi farmers who continue to feel reluctant to adopt SOP, will be interested in joining Repository Universitas Brawijaya
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