

## Land Use in RW 003 Benteng Village

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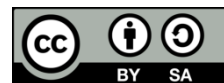
Utilization

Yard

### ABSTRACT

Use of the yard will provide sustenance. Because in principle, humans lived in need of these items of food, and of what they worked to provide the necessities of life. This activity aims to motivate the community to make the most of their homeland, as it will become an economically valuable plant and be able to increase family economic incomes and meet daily needs. The method used in acquiring information is descriptive. Based on land conditions for the Benteng village rt 002/ rw 003 have the opportunities and the potential to benefit fresh vegetables as healthy and nutritious food for families and communities. The results of the exploitation of yards already available to families and communities are a benefit derived from the optimization of the yard.

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### INTRODUCTION

Benteng Village is one of the villages whose territory is located in the Ciampea District, Bogor Regency has a large expanse of land that can be used as a tourist attraction and various business opportunities. Benteng Village also has several hamlets (Dusun 1 and Dusun 2), and 40 RTs, and there are 7 RWs, one of which is RW 003. The majority of the population in RW 003 work as MSMEs. In addition to livelihoods as MSMEs, residents in RW 003 also have livelihoods as receiving services for repairing damaged goods and managing waste.

Population growth greatly affects the availability of land. This has resulted in a lot of degradation of productive land that should still be able to carry out agricultural activities. Along with the development of technology and the progress of human civilization, humans are starting to look for solutions so that their narrow yards are still able to support income (Khomah, I., & Fajarningsih, R. U. 2016). Yard if managed properly is not impossible to be able to increase income (Rahayu et al., 2005). The business of utilizing the yard of the house will be able to support the necessities of life. Because in principle, humans as long as they are still alive need food/food and they try to fulfill their daily needs. The yard is an open area around the house. Yard land is one of the potential lands that can be used for farming (Kurnianingsih et al, 2013).

One of the farmers in RT 002/RW 003 Benteng Village provided education to the community by utilizing the land and giving examples of using the yard of the house to become a vegetable garden and productive as MSME and for empowering the community. The average area of the vegetable garden yard is  $\pm$  35 m<sup>2</sup>. The land is used for growing vegetables, and the product is packaged properly and neatly and then

traded. Although, the fresh vegetable business has only been running for about 2 months. But it has attracted attention and reaped a good response among the local community.

Fresh vegetable SMEs in Benteng Village RT 002/RW 003 are named "Sustainable Food Fortress". Micro, Small, and Medium Enterprises (MSMEs) are an important part of the economy of a country or a region, and Indonesia is no exception (Wibowo and Arifin, 2015). In Indonesia, MSMEs are an effective step in reducing poverty and unemployment (Siagian, A.O & Indra, N. 2019). MSMEs play an active role in developing the potential of citizens. Management ability is also needed in running a business.

The purpose of the existence of land use around the yard of the house will be able to support food security from an economic point of view. So, this activity aims to motivate the community in making the most of their home yards, because later they will become plants that have economic value and can increase the family's economic income and meet their daily needs. Therefore, the MSME business for fresh vegetables "Benteng Pangan Lestari" will later grow and provide many examples for the local community regarding vegetable cultivation by utilizing their yards.

## METHOD

The research method used is descriptive by describing and explaining information obtained from interactions with partners regarding land use in RT 002/RW 003 Benteng Village based on:

- Field observation

Field observations were carried out by asking permission from each MSME partner for fresh vegetables at RT 003/RW 003 as well as a friendly visit, and discussing several matters regarding the land that had been used as a vegetable garden.

- Interview

Interviews were conducted to obtain more specific information related to land use for MSMEs and how it is progressing.

## LITERATURE REVIEW

Land use in RT 002/RW 003 Benteng Village. In Indonesia, MSMEs are an effective step in reducing poverty and unemployment (Siagian, A.O & Indra, N. 2019). Yard if managed properly is not impossible to be able to increase income (Rahayu et al., 2005). Business land use yards will be able to support the necessities of life. The yard is an open area around the house. Yard land is one of the potential lands that can be used for farming (Kurnianingsih et al, 2013).

According to Khomah, I., & Fajarningsih, R.U. (2016) Population growth greatly affects land availability. Previous researchers described every prospect and potential that occurred in Jatingarang Village, Weru District, Sukoharjo Regency, regarding the benefits of land that were used as business opportunities, namely gardening in the yard of the house. With the enthusiasm and enthusiasm of the community, the development of the yard of the house is going well and is getting more optimal. Because the yard has great potential to support household food security. Humans as long as they are alive need food/food and they try to fulfill their daily needs.

## RESULTS AND DISCUSSION

This activity was carried out in Benteng Village RT 002/RW 003, Kec. Ciampea, Kab. Bogor. Seeing the condition of the yard of each house owned by the community in RT 002/RW 003 has enormous potential to be developed. Most people do not need to use polybags to plant vegetables because the yard owned by each household is still large enough to plant various family needs such as chilies, tomatoes, etc. But you don't need to worry, even a house with narrow land can develop its yard. Narrow yard land can still be optimized with Horticultural techniques. Horticultural cultivation techniques are cultivation techniques that are carried out by gardening in the yard. Can use hydroponic or organic methods.

- Hydroponic is the cultivation of plants by utilizing water without using soil media.

- Organic is the cultivation of plants naturally.

The types of plants cultivated are usually plants that have high economic value, are short-lived, or have seasonal crops, especially vegetables (celery, caisin, lettuce, pakcoy, kale, spinach, shallots, and leeks). There are approximately 9 types of vegetables. cultivated and will likely add other types of vegetables.

Based on the condition of the house yards of the Benteng Village community, RT 002/RW 003 has opportunities and potential that can be utilized to plant fresh vegetables as healthy and nutritious food for

families and the local community. The motivation for building a business by utilizing the yard of the house is so that there will be the next generation of farmers because the average farmer in Benteng Village RW 003 is mostly in their 60s and over. Therefore, there must be an encouragement for the youth/millennials to be moved to become the next generation.

The MSME vegetable business was established in early 2021 last August ± it has been running for about 2 months. The initial yields were distributed to the local community as a form of promotion and product introduction so that the quality of vegetables obtained from their garden/home yard is guaranteed. Because vegetable cultivation is cultivated using organic materials, and reducing the use of pesticides. So, vegetable cultivation is important because it guarantees quality and hygienic food ingredients.

The results of the use of yards that can be enjoyed by families and the community are the benefits that can be obtained from optimizing yards. In addition, the use of yard land with vegetable cultivation will increase social relations. This can be seen during the harvest, between cultivators and local people staying in touch with each other and sharing their crops. This situation creates harmony and familiarity between people. Cultivating vegetables by utilizing the yard of the house has received very good appreciation from the community and has experienced development with the community's willingness to manage the yard of the house for farming. Then, the results can be used to meet the needs of families and local communities.

## CONCLUSION

The utilization of yards has great potential to support family economic resilience and meet daily needs. The area of the yard used as a vegetable garden is ± 35 m<sup>2</sup>. The land is used for cultivating fresh vegetables which were developed by a resident of RT 002/RW 003 to provide education, and motivation and encourage the community and its youth to be moved to become the next generation. The effort reaped a good response and appreciation among the community.

With the utilization of the house's yard into a vegetable garden "Benteng Pangan Lestari" in RT 002/RW 003 Benteng Village will have prospects as a provider of food, especially vegetables to reduce household expenses and increase family income. In addition, it can create jobs in the MSME sector.

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