

Hydroponic Vegetable Cultivation Training For Mothers Household In Sleman

by **Suhartini, Budiwati**

ABSTRACT

This activity aims to provide knowledge about: a. cultivation of vegetables using a practice known as hydroponics, the types of plants that can be cultivated using a practice known as hydroponics, and how to prepare the planting medium for cultivation by hydroponic for the mothers household in Sleman and provides an understanding of the importance of growing vegetables as the needs of the family, as an alternative to additional income and to maintain the health of foodstuffs This activity was conducted in SD Canisius Klepu, the target audience is the group of the mothers of households in Klepu, Sleman. The number of participants there were 50 people from the group of the mothers of households in Klepu, 2 lecturers as stewards and 3 students. The implementation of this activity is done through lectures, demonstrations, practice in groups and practice individually. The activity of lectures and discussions starting from a description of the types of materials and tools used, how the procurement and preparation of tools and materials, how procurement of seeds and seedlings for hydroponic, explanation of vegetables that can be grown hydroponically, how to prepare a solution mixture to hydroponic cultivation, how the management of fluids for hydroponics, how to harvest for hydroponic vegetables and how to cope with post-harvest vegetables hydroponically. The demonstration starts from how to prepare bottles beverages for growing vegetables by hydroponics method, preparation of materials, manufacture of flannel cloth to absorb nutrients to plants, to planting the seeds into the bottle. The practice group is done by using a multilevel pralon compiled using a dynamo to drive nutritional water, and the individual practice done by each individual plant vegetables hydroponically in beverage bottles and her results of plantings brought back to their respective homes. The vegetables grown are mustard greens. The results of this work show that the cultivation of vegetables by hydroponics, we can choose vegetables that are suited to the needs of families, utilizing inorganic waste such as empty drink bottles, arranging hydroponic plant into an art of beauty in the yard. In addition, the cultivation of vegetables by hydroponics method also can be used as a sideline, the product can be used for cooking vegetables alone or can be sold. Even more important is the mother-housewife in Klepu, Sleman can obtain vegetables that are safe, healthy and free from chemical drugs

Kata Kunci: *Training, Vegetable, Hydroponics, Klepu, Sleman*