

Vegetable Pesticide Test From Various Seeds For Spodoptera Litura Pest Control On Sawi (Brassica Juncea L.) Towards Eco-Friendly Agriculture

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ABSTRACT

This activity aims to provide knowledge about vegetable cultivation by means of hydroponics, types of plants that can be cultivated hydroponically, and how to prepare a hydroponic planting medium for teachers and assistants, elementary, middle and high school students at the Sanggar Anak Alam and people old students and provide an understanding of the importance of growing vegetables as a family need, and maintaining healthy food

This activity was held at the Sanggar Anak Alam School, with target groups of teachers and assistants, students and some parents of students with a total of 50 participants, 3 from serving lecturers and 3 students. The implementation of this activity is through lectures, demonstrations, and individual practices. Lectures and discussions ranging from the types of materials and tools used, procurement and preparation of tools and materials, procurement of seeds and seeds for hydroponics, understanding of vegetables which can be planted hydroponically, preparation of hydroponic solution mixtures, liquid management for hydroponics, vegetable harvesting hydroponics and handling hydroponic vegetable post-harvest. Demonstrations ranging from how to make media from used beverage bottles, preparing materials, making flannel cloth to absorb nutrients to plants, until planting seeds into bottles. The individual practice of growing vegetables hydroponically in used beverage bottles and the results is brought left in school, planted in fields and some taken home to their homes. The vegetables that are planted are chili and green mustard greens.

The results of the activities show that through hydroponic vegetable cultivation, can choose vegetables that are suitable for family needs, utilizing inorganic waste in the form of bottles of used drinks, organize into the art of beauty page. Besides that, it can also be used as a student practice activity, the product can be used for cooking at the Sanggar Anak Alam School itself or sold and can obtain safe and healthy vegetables and free from drugs.

Kata Kunci: *Training, Vegetables, Hydroponics, Sanggar Anak Alam*