Applications of Organic Fertilizer and Seed Treatment for Cabbage In Lowland Areas Jambi Province

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ABSTRACT

The demand of organic vegetable is highly increases as go along with modern information technology and necessity of healthily food consumption. Organic farm technology is just adopted by some vegetable farmers in Jambi municipality. Hence, it acquires some assistance, on farm research and dissemination of organic technology examination. Action research for cabbage with organic farm systems was conducted from September 2006 to February 2007. Some technological package were applied and tested such as: seed treatments (Nutrifam SD and none), and organic fertilizers application (Bio-super active*, Jus Bumi*, Nutrifarm AG, Botani and Bokasi+manure+Botani). Research design used factorial-RCBD and analyze by DNMRT. Some parameters were evaluated likes: leaf number, shoot area, crop wide, crop high, crop mass, and pest/disease incidence. Research was shown that application of seed treatment didn't give significant difference with none of seed treatment. Botani organic fertilizer gave the high performance of cabbage such parameters as: weight of crop by 1,45 kg; crop height 15,73; shoot areas of 57,94 and average of cabbage damage due to pest/disease incidence were 8,67%. In the future, organic faming systems in cabbage has good prospect to expand within this areas.