

Research Note

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Use of vermicompost to increase yield and better soil health

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Summary

Maintenance or enhancement of soil quality is important for sustainable agricultural production. A field experiment was conducted in farmers fields of North Kamalnagar village of Teliamura sub-division of Khowai district. Surface soil samples were collected from the fields of farmers treated with vermicompost @ 2.5 tonnes per ha along with recommended dose of NPK taking cabbage as test crop. Comparison was made with control plot where no treatment was made. Mean values of organic carbon (OC) and available NPK were found higher in the treated fields which were low in control. In vermicompost treated soils the yield and weight per head of cabbage was found higher as compared to control plot.

Key words : Vermicompost, Soil health

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