



RESEARCH PAPER

Assessment of the effects of bio-organic nutrient management on the yield of Sharbati wheat varieties

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Abstract : Combined with vermicompost on the yield of Sharbati wheat cultivars, a field study was carried out in the Department of Agronomy, JNKVV, Jabalpur. In comparison to single application, the study discovered that adding vermicompost to bio-organic treatments like BD500, BD501, and panchgavya enhanced wheat yield characteristics and seed production. The Sharbati wheat variety JW3020 fared better than other kinds in an organic production system, having greater yield metrics (tillers 288.30 m², grains/ear head 28.71, test weight 35.6 g, and ear length 7.40 cm). When all bio organic preparation (VC+BD500+BD501+Pancha gavya) were used in conjunction with the wheat variety JW3020, as opposed to other combinations of wheat types and the usage of other bio organic preparation, vermicompost produced the best results.

Key Words : Effects of bio-organic nutrient management, Yield, Sharbati wheat varieties

View Point Article : Nandeha, Nirjharnee and Kewat, M. L. (2023). Assessment of the effects of bio-organic nutrient management on the yield of Sharbati wheat varieties. *Internat. J. agric. Sci.*, 19 (2) : 657-661, DOI:10.15740/HAS/IJAS/19.2/657-661. Copyright@2023: Hind Agri-Horticultural Society.

Article History : Received : 08.03.2023; Revised : 28.04.2023; Accepted : 27.05.2023

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