

INFLUENCE OF INTEGRATED NUTRIENT MANAGEMENT PRACTICES ON GROWTH AND SEED YIELD OF INDIAN MUSTARD (*BRASSICA JUNCIA* L.) CULTIVARS

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Abstract: A field investigation was carried out during *Rabi* seasons of 2013-14 and 2014-15 at Crop Research Centre, Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut (U.P.) to find out the influence of integrated nutrient management practices on growth and yield of Indian mustard (*Brassica juncea* L.) cultivars. Experiment consist five cultivars of Indian cultivars (Pusa Mustard 22, Pusa Mustard 26, Pusa Mustard 27, Pusa Vijay and Pusa Mahak) and four practices of integrated nutrient management practices (100% RDF, 75% RDF + 2 tonne Vermicompost, 75% RDF + 2 tonne Vermicompost + Bio-fertilizer and 75% RDF + 2 tonne Vermicompost + Bio-fertilizer). The growth and seed yield of mustard significantly influence by different treatments. The maximum dry weight, crop growth rate and seed yield recorded under the cultivar Pusa Vijay with application of 75% RDF+2t VC +Bio-fertilizer whereas maximum plant height were recorded under the cultivar Pusa mustard 27 with application of 75% RDF+2t VC +Bio-fertilizer in both the years years.

Keywords: Growth, Management, Mustard, Nutrient, Seed

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