Influence of integrated nutrient management on curd yield, quality and nutrient uptake and economics of cauliflower (Brassica oleracea var. Botrytis L.) under middle Gujarat

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ABSTRACT
An experiment on integrated nutrient management in cauliflower was conducted at Agronomy Farm, B.A. College of Agriculture, Anand Agricultural University, Anand during Rabi season of the year 2006. The treatment comprised of four levels of organic manures (FYM @ 15 and 20 t ha\(^{-1}\) and vermicompost @ 3 and 4 t ha\(^{-1}\)) and three NPK levels (100% RDF, 75% RDF and NPK as per soil test values). Application of vermicompost @ 3 or 4 t ha\(^{-1}\) recorded higher curd yield, protein content, nutrient uptake and net realization as compared to FYM application. In case of inorganic fertilizer treatments, curd yield, protein content and nutrient uptake as well as net realization were noticed with the application of 200:75:37.5 kg NPK ha\(^{-1}\) (100% RDN).

KEY WORDS: Curd yield, Cauliflower, Integrated nutrient management, Nutrient update