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# Assessment of integrated nutrient management in okra hybrid CoBh H1

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**ABSTRACT :** An farm trial on integrated nutrient management in okra was undertaken at Krishi Vigyan Kendra, Kanyakumari to find out the combined effect of organic manures, biofertilizers and inorganic fertilizers over the traditional method in Okra hybrid CoBh H1 on yield, quality parameters and economic feasibility in Kanyakumari district. The trial was conducted during 2016 in five farmers field in a total area of 2 hectares located at Thuckalay block of Kanyakumari district. The assessment of integrated nutrient management was observed in Okra hybrid CoBh H1 with the technology options as recommended by TNAU CPG (2013) and KAU CPG (2011). The traditionally adopted farmers practice *i.e.*, farm yard manure 25 t/ha+ imbalanced use of fertilizer was also included in the trial for assessment. Various yield parameters *viz.*, days to 50% flowering, number of fruits per plant and yield (q/ha) and the benefit cost ratio was recorded for the individual farmer. Minimum number of days to flowering (52.0), higher number of fruits per plant (71.8), yield (274.8 q/ha) and cost benefit ratio (3.00) was registered with the technology as suggested by TNAU CPG (2013) wherein maximum number of days to flowering (55.2.0), minimum number of fruits per plant (47.6) , yield (230.2 q/ha) and cost benefit ratio (2.78) was recorded with farmers practice.

**KEY WORDS :** INM, Okra, CoBh H1

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