



## Correlated response of integrated nutrient management for seed yield and yield contributing traits of pea (*Pisum sativum* L.)

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**Abstract :** An experiment was conducted in RBD with three replications to find out the effect of integrated nutrient management in popular variety of pea, Azad Pea-3. The result revealed that application of vermicompost @ 2.5 tonnes ha<sup>-1</sup> + ½ dose of NPK kg ha<sup>-1</sup> resulted significantly maximum field emergence (24.18 sqm<sup>-1</sup> area), days to 50 per cent flowering (30.66), green pod test weight (4024.77 g), plant height (98.04cm), test weight of seed (220.25 g), volume of 100 seed (21.30 cubic mm) and seed yield (22.52 qha<sup>-1</sup>). An association study among the major yield characters exhibited significant strong, positive correlation between seed yield and field emergence, plant height, length of pod, number of grains pod<sup>-1</sup>, number of pods plant<sup>-1</sup>, green pod test weight, test weight of seed and volume of 100 seed.

**Key Words :** Seed yield, Yield contributing traits, Selection parameters, Inter relationships

**View Point Article :** Chaudhary, Ashok, Katiyar, R.A., Singh, Poonam, Sachan, C.P., Maurya, C.L., Verma, Vikas and Soni, S.K. (2014). Correlated response of integrated nutrient management for seed yield and yield contributing traits of pea (*Pisum sativum* L.). *Internat. J. agric. Sci.*, **10** (2): 583-586.

**Article History :** Received : 21.10.2013; Revised : 02.04.2014; Accepted : 17.04.2014