



Article history :

Received : 24.12.2015

Revised : 15.05.2016

Accepted : 22.05.2016

Response of integrated nutrient management on the growth, yield and quality of *Kharif* onion (*Allium cepa* L.)

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ABSTRACT : The field experiment of study the “Effect of fertility levels on growth, yield and quality of *Kharif* onion” was conducted at Horticulture farm, S.K.N. College of Agriculture, Jobner during *Kharif* 2001 and 2002. The experiment comprising 8 fertility levels (Control, 75%, 100% and 125%) recommended dose of NPK vermicompost 2.5 t ha⁻¹ with 25 per cent, 50 per cent and 75 per cent recommended dose of NPK. The application of 50 per cent recommended dose of NPK + vermicompost 2.5 t ha⁻¹ significantly improved the plant height, number of leaves at harvest, equatorial diameter thickness of scale, volume of bulb, yield and TSS, vitamin “C” and allyl propyl disulphide content.

KEY WORDS : Recommended dose of NPK, Vermicompost, Yield

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HOW TO CITE THIS ARTICLE : Soni, A.K., Dhaka, R.S. and Paliwal, R. (2016). Response of integrated nutrient management on the growth, yield and quality of *Kharif* onion (*Allium cepa* L.). *Asian J. Hort.*, 11(1) : 199-201, DOI : 10.15740/HAS/TAJH/11.1/199-201.