*Research Paper* *The Asian Journal of Horticulture,* **(December, 2009 to May, 2010) Vol. 4 No. 2 : 484-487**

# Effect of integrated nutrient management on growth and yield of onion seed production

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**Accepted :** ***October, 2009***

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## ABSTRACT

A field experiment entitled "Integrated nutrient management in onion (*Allium cepa* L.) seed production" with variety Phule Samarth was conducted at Scheme for Research on Onion Storage, Department of Horticulture, Mahatma Phule Krishi Vidyapeeth, Rahuri, during the *Rabi* season 2005-06. The soil of the experimental field was clay loam in texture, alkaline in reaction (pH 8.30) with low in available phosphorus (9.995 kg/ha) and nitrogen (206.97 kg/ha) and high in available potassium (235.2 kg/ha). Among growth attributes plant height, number of leaves were significantly influenced by different organic, inorganic fertilizer, biofertilizers and their combinations. Significantly higher values of these parmeters were recorded with the fertilizer combination of 150% RDF + FYM +BF over all treatments. Days to sprouting of onion bulbs, per cent stalk bending, height of flower stalk were not influenced significantly by application of various treatments of organic, inorganic fertilizer, biofertilizers and their combinations.

**Key words :** Organic, Inorganic, Biofertilizer