

## **Assessment of onion (*Allium cepa* L.) advanced lines for bolting behavior on growth and bulb yield in late *kharif* season**

**Saurabh Dixit<sup>1</sup>, P.K. Dwivedi<sup>2</sup> and A.K. Dubey<sup>1</sup>**

Received November 10, 2017 and Accepted February 15, 2018

**ABSTRACT :** Field experiment was conducted at the Vegetable Research Farm of Chandra Shekhar Azad University of Agriculture & Technology, Kalyanpur, Kanpur during Late *kharif* season in the year 2012-2013. Twelve onion lines were evaluated in a randomized block design with three replications for growth and yield as well as bolter percentage parameters to identify the high yielding varieties and were tested at this region. The results revealed that, significantly for better total and marketable bulb yield (415.41q/ha) (388.17 q/ha), respectively was noted in the line BRO-1201. The maximum bolting percentage was recorded in BRO-1229 (15.37%) whereas; it was minimum in BRO-1206 (1.14%). Therefore, the different onion lines for better performance of growth and yield as well as minimum bolters percentage found for suitable crop planting during late *kharif* for this region.

**Key Words:** Onion (*Allium cepa* L.), screening, high yield varieties, lines, bulb yield, bolter percentage.