

## Effect of flyash and sewage sludge on growth and yield of raddish (*Raphanus sativus*)

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**ABSTRACT :** Protection of Environment is the most vital issue today explosive population growth, rapid growth in science and technology, massive industrialization, use of various chemicals in agriculture of most important. The current agricultural priorities are to sustain and maintain fertility levels of soil without damaging the natural ecosystem. Various alternatives, including no-tillage management systems and organic by products application, such as sewage sludge, compost, crop residues, etc. to soil is a current environmental and agricultural practice for maintaining soil organic matter, induce degraded soils and supplying plants nutrients. The present study comprise of 30 plots experiment which was laid out at the Nursery of Environment Science, Sam Higginbottom Institute of Agriculture and Technology Sciences (Deemed to be- University) Allahabad during *Rabi* season 2013-2014. During the sampling events the top two inches of surface soil was removed along with all types of plant growth. Surface samples were gathered at depths ranging from 0 - 15 cm. In order to preserve the soil moisture level, the plastic bags were sealed immediately after sampling. These soils are put in experimental field. In view of the given results the following conclusion were drawn that the treatment T<sub>3</sub> (10 ton/ hec<sup>-1</sup> flyash + 5 ton/ hec<sup>-1</sup>sewage sludge) may be conceded as in all of plant parameter plant height (cm), number of leaves per plant in (30 and 60 days) and maximum plant root length, maximum fresh weight, maximum dry weight and maximum total yield. An impatient alternation open field modal maximum net return.

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