

## **Effect of vermicompost and herbicides on soil health and performance of late sown wheat**

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**ABSTRACT :** A field experiment was conducted during rabi season of 2009-10 to study the effect of vermicompost and herbicides on soil health and performance of late sown wheat. Application of vermicompost @ 0.12 t N/ha and isoproturon (1.5 kg/ha) was found most effective in increasing the growth, yield and nutrient uptake in late sown wheat. Physico-chemical and biological properties of soil improved more when vermicompost applied @ 0.12 N/ha. Among various herbicides isoproturon was found less toxic on microbial population.

**Key Words:** Vermicompost, herbicides, microbial population.