

## EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON NUTRIENT CONTENT AND YIELD OF WHEAT UNDER RICE-WHEAT CROPPING SYSTEM

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Received-04.01.2017, Revised-18.01.2017

**Abstract :** A field experiment was conducted during rabi 2013-14 and 2014-15 to assess the effect of combined application of fertilizer, manure and biofertilizer on yield and nutrient content in wheat. The results revealed that the treatments significantly affected grain and straw yields, as well as grain protein content. The highest values of previous traits were obtained from treatment T10 (100 % NPK + S<sub>40</sub>+ Zn<sub>5</sub> + Fe<sub>10</sub>+ FYM + BGA). Also, this treatment gave the maximum grain yield, nutrient protein content compared with the other treatments. Thus the integrated plant nutrient supply system improved the crop yield and produce quality grain as well as improve soil fertility and environment pollution.

**Keywords:** IPNM, Manure, Biofertilizer, Grain quality, Nutrient management

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