

Title Systematic incorporation of post-harvest residues - an inexpensive agronomy practice of increasing yield and quality of production

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Abstract

The aim was to establish the effect of the systematic incorporation of post-harvest residues from wheat on the yield and technological properties of the grain from bean and sunflower. The data averaged from twelve-year period showed that the yield from the 2 crops increased with 4%. The technological properties of grain such as oil content in kernel of sunflower and cooking time, taste, water absorption and % of seed coat of bean were also improved. The agronomic and economic advantages and shortcomings related to the systematic incorporation of post harvest residues in crop rotation were analyzed. The results showed that if the agronomy practice of post-harvest residue incorporation is strictly observed, the advantages are considerably more than the negative effects.