



Research Article

## The technology adoption of major food grain crops in Birbhum district of West Bengal

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**SUMMARY :** The present study was conducted in Bolpur-sriniketan and Sainthia block of Birbhum district of West Bengal by selecting 60 sample farmers to find out the level of technology adoption for major food grain crops among different categories of farmers. For technology adoption level, a technology adoption index was constructed by taking relevant parameters. It was observed that the level of modern farm technology adoption was not encouraging in the study area and it was positively correlated with size of land holding. Rice emerged as the main foodgrain crop in the area. The overall average technology adoption index for *Rabi* rice (64.66%) was higher than *Kharif* rice (56.16%). Overall technology adoption index were 56.03 per cent, 36 per cent and 37.21 per cent for wheat, chickpea and lentil, respectively. Level of technology adoption was not only varied among the major foodgrain crops but among different categories of farmers also.

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