



Research Article

## Adoption behaviour of wheat production technology

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**SUMMARY :** The study was conducted to find out the adoption pattern of farmers' on wheat production technologies in Sriganganagar district of Rajasthan with a randomly selected 150 wheat farmers from five villages. Findings of the study revealed 52.00 per cent respondents had adopted the wheat production technologies at medium level followed by 31.33 per cent at higher adoption level and 16.67 per cent at low level of adoption of package of practices of wheat crop recommended by the scientists of ARS, Sriganganagar. The sizeable number of farmers was having high knowledge of wheat production technology perhaps due to large land holding, and high extension contact. The adoption of individual package of practices was studied and found that more than 70 per cent farmers having full adoption of HYVs, land preparation, seed treatment, fertilizers use, manual weed control, irrigation and use of FYM. Farmers using recommended seed rate and sowing crop on time was 69.33 and 67.33 per cent, respectively. Partial adoption level of wheat improved technologies found in use of weedicides, plant propagation and sowing time. This might be due to lack of knowledge about the improved production technologies among the wheat farmers. The findings were passed on to scientists and extension officials of the districts for taking necessary steps to bridge the gap in adoption of wheat production technologies.

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