



Research Article

## Impact and constraints analysis of tribal farm women in adoption of kitchen gardening

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**SUMMARY :** Kitchen gardening plays an imperative role for rural families to recover diversified vegetables in their daily diet. Demonstrations on kitchen gardening have distorted the eye site of the tribal farm women among health and hygienic safety measures. The KVK Tapi had demonstrated the kitchen gardening in tribal area. Since last three years about 150 FLDs on kitchen gardening were undertaken. To know the impact of the alleged technology along with constraints faced by tribal farm women the attempt were made. FLDs on kitchen gardening have paved the way of healthier, long, prosperous and biodegradable life of the tribal farm women. The results seen the overall knowledge of kitchen gardening indicated that the low, medium and high level of knowledge before contact with KVK was 85.00 per cent, 11.00 per cent and 04.00 per cent, respectively. It was altered up to 07.00 per cent, 13.00 per cent and 80.00 per cent, respectively after contact with KVK. In case of knowledge regarding selected scientific innovations for kitchen gardening high knowledge regarding selected scientific innovations were found except IPM. The perusal of data indicated that majority of the tribal farm women had low level of knowledge (75.00 %) before contact with KVK. After contact with KVK, 89.00 per cent of the tribal farm women had high level of knowledge. At the end it can be suggested that these FLDs in the region found an important for increasing the income, improving the soil health, fertility and productivity and also to raise the standard of living of the tribes. However, some constraints were also faced by tribal farm women in adoption of kitchen gardening in scientific way. The constraints faced by them were categorized input constraints, technical constraints, socio-cultural and post harvest constraints, respectively in rank order as per their perception. The input constraints were the most important constraints and were ranked in first position which needs to be solved for betterment of the tribes in the region.

**KEY WORDS:**

KVK, FLD,  
Constraints, IPM,  
Impact, NAU,  
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