

# **Cultivation of potato for nutritional security and higher income**

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Potato is one of most important commodity that used in daily consumption in Mamit District. Mostly potato demand of the district is fulfilled by supply from other states because potato is cultivated in very limited acreage(9.75ha.,2016-17) with very less production (65.25 t.) although agro-climatic condition of district is suitable for potato cultivation. Main reason of low production is limited knowledge of technical knowhow and use of inferior quality of seeds due to unavailability of quality potato seeds.

Potato var. Kufari Chipsona-4 were supply under ICAR-IARI NEH Programme, distributed to 37 selected farmers of 3 villages i.e. Darlak, Saikhawthlir and Daldawk for demonstration and also provide technical knowhow of potato cultivation at different stages of crop growth.

Among farmers Remruatpuia progressive farmer from Darlak village recorded 232q/ha yield of potato with B:C ratio was 2.97:1 and net profit of ₹ 138,550/ha. Other farmers were also recorded average yield 193q/ha with B: C ratio 2.47 :1 and net profit ₹103,450/ha.

Potato was found a profitable crop for farmers of the district if cultivation were done with use of good quality seeds & recommended package of practices. Potato var. Kufri Chipsona- 4 found suitable for cultivation under Mamit District Agro-climatic condition.

Result of demonstration of cultivation potato var. Kufari Chipsona- 4 clearly showed that potato crop has immense potential to uplift farmers' income and also provide nutritional security.

