



Success story on “Production Technology of Garden Pea var. Azad P-4” in Churachandpur District, Manipur

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INTRODUCTION

Mr. Thangmalsom Vaiphei from Kangvai village of Churachandpur district, Manipur. He had practiced mono cropping which was mainly based on rice cultivation. The income from rice cultivation was not enough to support of the family. He has been actively involved in Agricultural farming. He has 2 acres of land that can be irrigated through a pond. He is very much interested in cultivating all kinds of vegetables (French bean, chilli, okra, Garden Pea, cabbage, Tomato) in his 2 acres of field throughout the year, depending upon the season and market demand. He is very much interested in adopting new agricultural technologies on his farm. After observing his curiosity as well as interest in farming, Ph. Chandramani Singh, SMS (Horticulture), KVK Churachandpur conducted, a field survey during 2021. He is always in touch with KVK-Churachandpur.

After knowing the advantages of the high yielding F1 hybrid “Azad P-4” (Early maturing variety. Pods straight, medium size). He has been very interested in cultivating CSAUA&T, Kanpur varieties in his field and is constantly in touch with KVK-Churachandpur. Seeds were provided through the Front-Line Demonstration programme which was conducted by KVK-Churachandpur during the rabi season of 2022 and 2023 on “Production Technology on Garden Pea var. Azad P-4” of 1 acre area.

The farmer wanted to grow organically without applying any chemical fertilizers and neem-based pesticides because demand for organically cultivated vegetables is very high and there is a widespread belief that organic produce offers superior health benefits compared to conventional alternatives. Hence, based on the FLD programme, KVK-Churachandpur provided Garden Pea seeds to grow successfully. He applied well decomposed farmyard manure and farm waste manures for basal application during field preparation.

Economic output of technology:		
Sl. no.	Particulars	Yield (q)/ / 1 Acre
1.	Yield (q)	35 q
2.	Price of green pod/kg	Rs.30/kg
3.	Cost of Cultivation	Rs.42400
4.	Gross Return	Rs. 105000
5.	Net Return	Rs. 62600
6.	B:C Ratio	2.5

Initially, he used to get an annual income of Rs. 36000/- from locally available vegetable cultivation. He faced problems like lack of knowledge of high yielding varieties, time of planting, improper management of manuring, etc. After KVK-Churachandpur interventions, he is getting an annual income of **Rs. 62600/-** in the production of 35 q/ 1 Acre. With his intervention, some of the farmers have started to grow the Garden Pea variety in the village, and

as a result, they are realizing better prices in the market. He is convinced about the group approach in popularizing technologies among the farmers of his village. Increase the knowledge of scientific cultivation practices of different vegetable crops and also provide self-employment generation. Increase in annual income as compared to before intervention and also improvement in livelihood status.



Fig. Production Technology of Garen Pea Var. Azad P-4