

Inter-Cropping Pilot Project In Nagaland

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Fig:1 Local chili field at 1000 sq. m. both in mulching and without mulching

Genesis:

A progressive farmer from Nagaland under Peren district, who was willing to take a step forward towards sustainable agriculture. Before she was engaged in Jhum cultivation but recently due to her health issues, she give up the idea of continueing the old method by subplanting it with the modern farming techinques. She find it more easier with transportation as well as working effeciantly in this modern farming system.

Client Name	: Arimle
Contact Detail	: 09862542307
Project Location	: Jalukie, Nagaland
Area	: 2 acres
Duration	: September, 2020- April, 2021
Crop Grown	: Cabbage, tomato, local chili and zucchini

Role of Agriteller:

CPM (Crop Production Module) contract with Agriteller for quarter year. End to end production i.e sowing to harvesting, labours and daily site monitoring was under the wings of Agriteller crop experts. Initailly, Agriteller help the Ms. Arimle in marketing strategy before establishing her field.

About Project:

We introduced her an innovative farming system called inter-cropping for doubling her income during pandemic crisis and utilized her time in lockdown without any hindered in lack of resources such as compost, fertilizers, composed bag, cocopeat, pro-tray, shade net, mulching etc. She earns approximate of 10 lakhs in a year by growing crops like cabbage in 1500 sq. meter, tomato in 4000 sq. m, local chili in 2000 sq. m and zucchini in 500 sq. meter. Her arduous efforts paid off with a result of getting the proper market with a good product price at her own locality. After our half year turnkey project with her, she is now independent and ready to run her own farm at business module.



Fig:2 Arka Rakshak tomato variety, produced approx. 1.5 to 2 kgs/plant



Fig:3 Cabbage (Left) and Zuchhini saplings grown in pro-tray with cocopeat media(Right)

The challenges:

Ms. Arimle was fully under the guide of Agriteller experts in this inter-cropping pilot project where she was able to get to learnt on sustainable farming and solution over the major problems includes, immense pests' infestation such as cutworms, grub, cutworms, aphid, leaf miner etc. along with scarcity of water during winter and plethora rainfall in monsoon. She came to aware of organic mulching and nutrients replenishment of soil without much efforts and expenses.



Fig:4 Fruit dropping in zucchini due to high temperature (L), Leaf miner in tomato major pest found (R)

Conclusion:

After her first pilot project she is now confident to run her own farm nuclearly. She also realised that that modern agriculture techniques is less arduous works and time saving than those convention farming where she had to travelled for hours and crosses the hills which made her more exhaust then main field tasks.



Feedback

Arimle: I am delighted towards Agriteller firm for giving their best efforts in fulling my first pilot project. I find it comfortable while dealing with crop experts, they guided and encouraged me in times of challenges such as pest infestations and sudden market in a crisis