

ACTIVITIES BY SART IITG AND CADILA VILLAGE SURVEY 2022-23

Village: Transad

Visited the village and observed the type of crops cultivation and further scope in farming.

In conversation with land lord and farmer it is revealed that the various fruit and vegetable grow in the soil. Large no of banana tree, chikku, papaya, and few vegetable are seen , The mono cropping is being chosen by farmer and for irrigation thru Narmada cannel and bore well water are being used. Ground TDS approx. 2000 or more.



The soil has been collected for lab analysis by IITG to select crops pattern. (Seasonal)

Farmer can adopt nutrigarden concept as discussed with them but major issues like crop sale, logistics, price for livelihood creation. Small amount of composting they prepare for in house plants.

FOCUS AND SCOPE: Vegetable and fruits can grow and mono crops pattern can break among farmer with local market establishment.

Nutrigarden can be successful two ways, health / nutrition status improvement and can create further livelihood.

RuTAG Technology could be very useful in farming.

Bio pesticide and vermicompost need to be used in farming to keep soil healthy in future.

Vermicompost can create livelihood in villages.

Village :Bhetawara

We met village Pradhan and went to the field, mostly flower is being cultivated as they get good price rather than other crops, but soil can grow other fruits and vegetable. Farmer has the issues for proper price and logistics and market for growing other crops.



Soil sample taken for analysis by IITG .

Water availability is adequate and but some fruits are seen growing. Discussed about village woman engagement in Nutrigarden concept and they showed willingness to do but need to create future livelihood for them.

FOCUS AND SCOPE : Here also RuTAG machineries can be helpful . Woman livelihood can be created, Nutrigarden can be model for health status improvement and need to change food habits.

Livelihood can be created by minimizing challenges as on date as talked by but village Pradhan but also showed possessiveness in nutrigarden creation.

Visited KVK Dholka and met Chief Scientist Mr Gulkari , discussed about the RuTAG catalog and scope for technology use in villages .

M/S CPL expressed to buy chaff cutter from RuTAG catalog for demo to farmer and create awareness for wide application and acceptance.

Village :Badodra

Visited badodra village and met village Pradhan shown very positive response for nutrigarden and the soil is fertile for fruits and vegetable. but problem with peacock, monkey and nilghai to spoil the crops.



Soil sample has taken which testing would be done by CPL.

Also visited CadAgro plant and shown the tissue culture and producing bio fertilizer.

FOCUS AND SCOPE : Nutrigarden can be best choice in badodra village and woman group can handle the nutrigarden , M/S CPL need to explore in detail for execution along with IITG .

Anand Agri University research scientist expressed interest for RuTAG Catalog machinery and suggested for M/S CPL to buy such equipment and promote to Farmer for acceptance.

More training and awareness needed among farmer by M/S CPL and Research Centre both. M/S CPL expressed to adopt village in North East ie Assam for CSR activity and huge scope for bio fertilizer application and tissue culture implementation along with IITG.

DAY 4 VISIT

Village : Hansot

We visited Ankeleshwar , village Hansot and had meeting Gram panchayat and villagers in three different location. Major crops are sugar cane and major issues with wild boar as they destroy the crop. So net output in farming very low and reduced drastically the profit margin.



They also like to go for Nutri garden but wants solution for wild boar. Also they expressed water logging in villages.



We also visited M/S CPL Hospital and met Dr Bharat & he gave us valuable suggestion and firm on implementation of Nuri garden and RuTAG technology.

Soil Sample taken for lab testing by M/S CPL .



Detail data required by M/S CPL regarding sugar cane crops patter for last 5 years and its output status to understand overall declination and losses year on basis. Also require village maps for complete water drainage system and elevation for causes of water logging and its solution.

FOCUS AND SCOPE: Best location can be for nutrigarden . Major concern for wild boar and its elimination, Livelihood creation thru RuTAG technology.

Stem borer is also major crops destruction and need solution for farmer.

Water logging in villages is an issue raised by farmer while addressing them