

# Horticulture Bytes

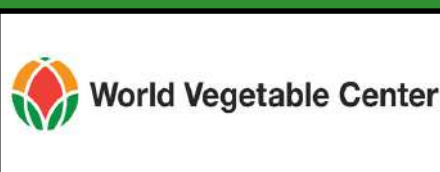
Jan/ 2023

Third Edition



## APART: Adding Value to Increase Resilience, Production And Value Addition of Horticulture Value Chain

DoH & FP is the Operational Project Implementation Unit (OPIU) under APART supported by two international agencies



### Major Project Interventions

- Development of 167 clusters in APART district
- Demonstration of Climate Resilient Technology and Market-Led Activities
- Demonstration of Post-Harvest Management (PHM) Techniques
- Application of IPM systems to reduce the use of pesticides and promote vermicomposting units
- Market linkage through
  - Value Chain Schools
  - Cold Chain Storage Facilities
  - Provision for specially designed 4 - wheeler transport vehicles
- Formation of FFS (Farmer Field Schools) and FPCs (Farmer Producer Companies)
- Intensification of Vegetable Nursery for Seed Production
- Awareness and Capacity Building



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ASSAM AGRIBUSINESS AND RURAL TRANSFORMATION PROJECT (APART)

## **Message From The Director's Table**

The third issue of Quarterly Online e-newsletter "*Horticulture Bytes*" initiated by OPIU-Horticulture and Food Processing to disseminate information and impact of APART activities in field level in the districts has focussed on Rabi season 2022-23. In the last quarter (Oct-Dec 2022) has seen kick-starting of Potatoes cafeteria in all the selected districts. A Potatoes Cafeteria in all the 14 districts has been set up for the second year in a row. A detailed analysis of varietal performance shall be undertaken to compare the yield and performance in two years in row. The varieties tried in Potatoes Cafeteria this Rabi season are *Kufri suryya* , *Kufri mohan*, *Kufri jyoti*, *Kufri himalini*, *Lady rosetta*, *Yusimap*.

This issue shall cover the success stories from different corners of APART on progress of pilot project on Medicinal and Aromatic Plants, Banana , Market Linkage of Pumpkin in Sivasagar district and other success stories .

I hope this will be useful for all to get the information of APART activities.

**Shri Triranga Bharatiya Borah , Director  
Horticulture and Food Processing, Assam**

In the quarter of Oct-Dec 2022 emphasis has been on area expansion under Potatoes in Rabi season 2022-23. Many of the FPCs have tied up with MNCs for contact farming of Potatoes in the season which resulted in area expansion. ARC (Apical Rooted Cutting) technique of propagation of Potatoes were tried in collaboration with CIP in Barpeta district. Based on the performance, the technique will be expanded to other districts. Natural Farming is another activity that has been given emphasis on last quarter which is shaping up well.

OPIU-Horticulture and Food Processing also continued its handholding support to establishment of FPCs (Agri Horti Sector) and conducted training and capacity building programmes for CEOs and BODs during last quarter.

We are hopeful that this issue shall be useful to understand the progress made by OPIU-Horticulture and Food Processing.

**Shri Khagendra Sarmah  
DDA (Seeds) cum Nodal Officer, OPIU, APART  
Horticulture & Food Processing, Assam**



## The 7<sup>th</sup> Assam International Agri-Horticultural Show 2022

The 7<sup>th</sup> Assam International Agri-Horticultural Show 2022 held in Guwahati from 17<sup>th</sup> Dec -19<sup>th</sup> Dec 2022 focussed on involvement of youth in Agri-Horticultural sector to usher in new developments and investments into the sector. This show has been providing a platform for farmers to showcase their products and link with the vast market for their products. The key objective of the show is to bring together the experts, processors, buyers, sellers, policy makers, FPOs, NGOs, Consultants, Farm Machinery suppliers, other facilitators like Banks, Financial Institutions supporting Agri-Horticultural sector together in the platform. This initiative exhibited scientifically produced Agri-Horti products with an aim to extend support towards stakeholders in the field of Agriculture and Horticulture sector to create employment opportunities and livelihoods generation.



Honourable Chief Minister of Assam, Dr Himanta Biswa Sarma inaugurated the event under the theme “ Youth renaissance in Agriculture” . This edition saw participation of 6 countries like Bangladesh, Thailand, Ghana, Nepal, Kenya, Vietnam. There were 429 stalls showcasing products and opportunities in Assam through stalls being put up by FPCs, District Agricultural Offices, International agencies and knowledge partners working in the state, Independent Agriculture Companies and stakeholders. There were seminars conducted simultaneously during the programmes for the road ahead where experts from around the globe including CGIAR (Consultative Group on



International Agricultural Research) interacted with Farmers, Extension Functionaries, Officials etc. 15 International buyers took interest in collaborating for export of the produces to international markets. OPIU-Horticulture and FP Officials have actively participated in the show along with DHCs ( District Horticulture Coordinators ) to make the event successful.

Honourable Minister of Agriculture, Horticulture, AHVD, Border Protection & Development, Implementation of Assam accord, Shri Atul Bora in his concluding remark shared a vision to bring the youth to the Agriculture and Horticulture sector inspiring them to embrace it as profitable earning source. The show received good response from the citizens, stakeholders in Agri Horticulture sector and witnessed huge nos of footfalls in all the 3 days.





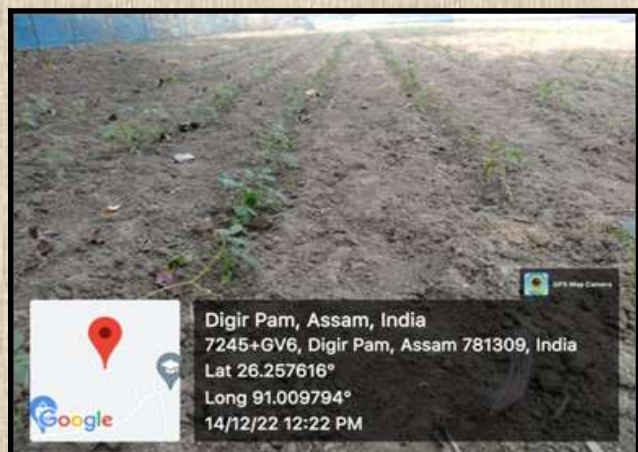
## Apical Rooted Cuttings (ARC): A New initiatives under APART for Cheaper, Quality Potato Seed Production

The potato sector in Assam continues to face serious problems accessing good quality planting materials at affordable prices for small and marginal farmers. Because seed accounts for 40-50% of the total cost of production, this is a huge burden for small farmers. The high cost of seed has led some small farmers to use discarded small sized potato as seed in the potato growing belts. Even if farmers want to purchase good quality seed at such high price, there is still no guarantee they will be able to obtain high quality of seed in a timely manner because of long distances seed often has to be transported, affecting both their quality and delivery.

For production of ARCs, apicals are cut from mother plants in nursery beds and transplanted in portrays filled with cocopeat. •Apicals root and establish well within 15-20 days and ARCs will be ready for transplanting to the main field. The cuttings grown in open fields can be sold to farmers after the second generation.



### Training on ARC demonstration cum planting



### Monitoring of Demonstration plot

Written and compiled by

Dr Minsura Begum

DHC, Barpeta



## Potato Area Expansion in Biswanath District

Potato is one of the major Horticultural crop cultivated in Biswanath District. One of the main objectives of the APART Project are to work towards mechanizing and expanding potato production within the district through the development of support mechanisms, including the use of machinery and training programs, in order to support the area wide expansion of potato production. During the year 2022-23, ten (10) Best Management Practices (BMP) demonstrations will be carried out throughout the potato growing areas of the District, while thirty (30) Zero Tillage (ZT) demonstrations will be conducted. Contract farming in potato with PepsiCo India Ltd. is conducted through Farmer Producer Companies in the District. As per the MOU signed by the FPCs with *PepsiCo India Ltd.* Potato tubers will be buy back by the company at Rs. 11.86 per kg.

The details of contract farming through *PepsiCo India Ltd.* Is given below.

FPC name	Block	Contract Faming Company	Area (Bigha) (2021-22)	Area (Bigha) (2022-23)
Jeuti A Garaka Farmer Producer Company	Sootea	PepsiCo India Ltd.	175	300
Satbhani Potato Producer Company Ltd.	Baghmara	PepsiCo India Ltd.	460	885
Saptarathi Farmer Producer Company	Chaiduar	PepsiCo India Ltd.	-	50

Along with the contract faming the adoption of different varieties are going on in the District. Two Potato Net House Seed production under APART is going on from the year 2021-22 for the variety Lady Rosetta. Zero Tillage potato technologies are adopted by the farmers and this year approximately 4 ha adoption going on in the Sootea, Baghmara and Pub Chaiduar Block.



Potato Planting by Semi-Automatic Potato Planter



Potato Bed after planting through Potato Planter



Potato field 15 days after planting



Potato field 35 days after planting



Second Year of Potato Net House Seed Production at Baghmara, Biswanath





# A True Transformation in Tomato production Through Climate Resilient Technology in Assam

Lutfa Begum Laskar a progressive women farmer of “Anuwarpar-FIG” under “Borkhola Integrated FarmingFPC” located at Cachar district has set a true example among the local farmers by achieving sustainability in tomato Production though adopting Climate Resilient Technologies demonstrated Under World Bank project APART in collaboration with World Vegetable Centre in the year 2021-2022.

Cachar District is situated in the most southern part of Assam and very prone to heavy rain and floods which makes it very difficult for vegetable growers around the district. Recent flash floods and fertilizer scarcity in the district has created big challenge to vegetable growers, many vegetables grower has faced losses due to seedling mortality and susceptible to many critical diseases and pests with poor plant growth and low-quality production.

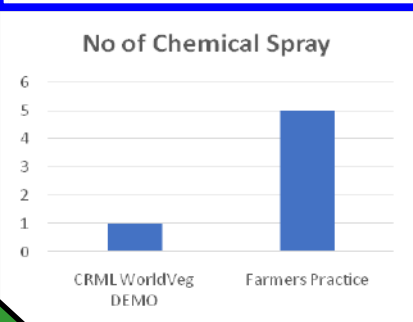
To overcome from these adverse situation small and marginal farmers hadno choices on practice. Hence OPIU Horticulture and World Vegetable centre conducted CRML (Climate Resilient Market Led production) demonstration on Tomato in Anuwarpar village Borkhola, where Lutfa Begum Laskar express her keen interest to learn and adopt new technologies as demonstrated.

As per the project guidelines she carried out the demonstration programme by cultivating the Tomato crop (Variety: Emerald) in an area of 0.15 Ha. She used Nursery pro tray technology to grow disease-free seedlings which allows to shift seedling pro trays to a safe place in case any flood situation, she learn the technique to enrich vermicompost by Bio fertilisers to fertilise the land which help to gain excellent production during fertilisers scarcity, Maize as border crop and Marigold as trap crop which has protected the Tomato crops from various pests and diseases also generated extra revenue by selling Maize corn and Marigold flowers as per the technical guidance provided by the district team of APART and World Vegetable Centre. Moreover, by installing IPM measures like sticky traps and Pheromone traps along with Border crops and Trap crops has reduced extra input cost by reducing chemical spray which has created a sustainable way of production.



### Production Details

Demonstration			Farmers Practice		
Total Production from Main crop (q)	Average price	Income (Rs)	Total Production (q)	Average price	Income (Rs)
160.20	20	320400	97.50	20	195000
Production of Maize (piece)	Average Price/piece	Income (Rs)			
1580	10	15800			
Production of Trap crop Marigold (kg)	Average Price/kg	Income (Rs)			
125	150	18750			
<b>Total Income (Rs)</b>		<b>3,54,950</b>	<b>Total Income (Rs)</b>		<b>1,95,000</b>



With the Climate Resilient Technology total production of **160.20 q** has increased as compare with farmers practice which is about **97.50 q** from 0.15 ha with generating additional revenue from maize and Marigold Flower.

Lutfa Begum Laskar has expressed that for the first time she could able to maximise her quality production as well as able to protect her plants from severe disease like Tomato Blight and Bacterial wilts which has significantly damaged surrounding plots moreover she told by using all the IPM measures she have saved around at least seven thousand rupees by not spraying chemical pesticides as she used to do in conventional practice, She also expressed with all the extra earnings now she can financially help her family and support her children’s education and empowering her as a established Women farmer and many nearby farmers specially women farmers are getting inspired by her farming technologies and practice

Submitted by

Shyam Jyoti Borgohain

DHC, Cachar



## Success story, Morigaon

### Income between the Rows, Intercropping

**Amaranth** plants typically are annuals or short-lived perennials. The stems often are reddish in colour and sometimes are armed with spines; they bear simple alternately arranged leaves and often feature a pinkish taproot. Amaranths typically produce high yields of leaves and seeds, are easy to grow and harvest, and are simple to cook, the plants hold promise as potential alternative crops. Both the leaves and the seeds are nutritionally dense and are good sources of dietary fibre, calcium, and iron; the seeds are also high in protein. The leaves can be eaten fresh or cooked like spinach and are often added to salads or soups.



Milijuli Krishak Sangha Farmer interest Group under Lahorighat vegetable FPC a progressive farmers group from kathani village, Lahorighat block, Morigaon district. They farming traditional way since they started farming in every season. But they were selected as a beneficiary farmer group for demonstration of

Brinjal cultivation under APART. Inputs like seed and fertilizer were supplied to him from the Department of Agriculture, Morigaon. **A training was given on Package of Practices of cultivation of Brinjal as main crop and Amaranthus as intercrop in the village** where nearby vegetable growing farmers were present.

To cultivate the crop, land preparation was done in Aprox. 15 bighas of land and a control plot was also maintained nearby. After each rows of cauliflower, Amaranthus was sown as intercrop. It was observed that Amaranthus not only act as intercrop they also act as mulch crop. It save some amount of labour cost for them and finally their smile comes out when extra incoming from intercrop (Amaranthus).

After harvesting the crop, They realized that they received more profit from the demonstration field than the control plot. They sold the produce in the nearby wholesale market at a price of Rs.7 to Rs. 10 per kg. They received a profit of Rs.2,500 from the intercrop per bigha. Total Rs. 37,500 from 15 bighas.



### APART Nalbari

Under APART project, Nalbari , the project substantiated to be much fruitful encircling different aspects related to the better development of the farmer community . Through this project bundles of agricultural technologies were imparted to farmers and is well accepted accordingly. Some of the achievements can be jotted down as -

- 1) With the better assistance of our knowledge partners viz World Veg Center & CIP , the farmers / beneficiaries availed technologies like growing of seedlings using cocopeat in seedling trays , Zero tillage cultivation practice , practice of maintaining spacing , line sowing etc.
- 2) Introduction of high yielding varieties with disease resistant , varieties with profound long distant transportation etc are well accepted by farmers
- 3) Subsequently post harvest practices seemed to be well acquainted among farmers and putting it into practice.
- 4) A surplus of different horticultural produce of farmers were linked up with traders with lucrative remunerations.

Apart from the above mentioned achievements, major success achieved is centred towards market linkage of the below mentioned commodities –

Quantity of 40 MT of pumpkin sold out @ Rs. 10/kg at Nalbari and Barpeta market .

Quantity of 5 MT of Papaya sold out @ Rs. 14/kg at Nalbari and Barpeta market .



## **Climate Resilience & Market-Led “Early Season Cauliflower” Production Demonstrations under APART, AWP 2022-23 in Kokrajhar District :**

Early Season Cauliflower Production demonstrations under the project APART, had a great success in the financial year 2022-23. The farmers from **Maidangsri FIG** and **Sialkangkrai FIG** of Hogmabil village, under **Jwlwi Farmers Producers Company Ltd.** of Dotma block were given two numbers of cluster demonstrations (0.45 ha of area each) on Early Season Cauliflower productions. Both of the farmers group obtained good yield of 202.50 q/ha and good market prices of maximum Rs.120 per kg and minimum Rs. 80 per Kg in the local markets by harvesting during the month of October, 2022. This beneficial and successful activity has been practically shown and motivated other farmers of the village and members of FPC by conducting Field Day Experiment. The farmers under the mentioned FIGs and FPC ensured that more than 200% of area will be extended under Early Season Cauliflower productions in the next year. Moreover, there is a large scale of area expansion scope for the same crop under Swmkwr FPC clusters in Kachugaon Block, Kokrajhar.



### **Success Story of Mrs. Supriya Narzary in Early Season Cauliflower Production :**

Mrs. Supriya Narzary is a progressive woman farmer from Kokrajhar district, having interest in cultivating and adapting new crops and any new technologies. In the year 2022-23, she took up for cultivation of 0.15 ha area for Early Season Cauliflower under APART. Her successful production and marketing of high

#### **Detail Information of the Farmer & Activity :**

**Name – Mrs. Supriya Narzary**

W/O- Mr. Pranay Kr. Narzary

Village- Hogmabil, Dotma

District/Block- Dotma, Kokrajhar

Name of FIG – Maidangsri

Member of FPC : Jwlwi Farmers Producers Company Limited

Crop grown- Early Season Cauliflower

Technique –Climate Resilient & Market-led Vegetable Production.

Year of Cultivation- 2022-23

**Sowing Date :** 15-07-2022 to 18-07-2022

**Planting Date :** 21-08-2022 to 24-08-2022

**Date of harvesting :** 25-10-2022 to 10-11-2022

Crop duration = 60- 75 days

Total area : 0.15 ha

Total Production : 29 quintals

Total marketed = 27quintals @ Rs. 120/Kg - Rs. 80/Kg

Total net income from this particular crop = Rs. 2,30,000.

Her initiative in implementing/ cultivation of Early season Cauliflower by taking risk of weather conditions in Assam could show a successful result and now this is a source of motivation, lesson and inspiration for other farmers of the region





## Tulsi Cultivation in Kokrajhar

### District under APART, AWP- 2022-23:

*Ocimum basilium*, commonly known as Holy basil, Tulsi, Tulasi is an aromatic, perennial plant belongs to the family Lamiaceae. It is native to the Indian subcontinent and widespread as a cultivated plant throughout the Southeast Asian tropics. The plant is widely used as herbal tea, commonly used in Ayurveda and has a place within the tradition of worship in Hinduism.



As per the Annual Work Plan (AWP) 2022-23, under Medicinal and Aromatic Plants, APART, there was a provision for cultivation of Tulsi crop on pilot basis for an area of 7 acres (21 bighas) in the Kokrajhar district, BTR, Assam. The implementation of this programme was started in the district by giving Awareness campaign cum technical knowledge about tulsi cultivation in different Farmers Producers Companies (FPCs) by PD-ATMA-APART staff along with officials from Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow. On the basis of FIG's interest and feedbacks shown during the awareness campaign and field verifications for cultivation of the crop, **FIG -Jougapu Gamiyari Agri-Horti Producers' Group under Swmkwr Agro Producers' Company Ltd. Of Kochugaon Block** was selected for cultivating in 15 bighas of area (initially).

The tulsi seeds, of variety CIM - Saumya was provided by CIMAP for cultivation and following their guidelines, the **sowing was done in total area of 7 acres** i.e. 21 bighas by the selected group during **mid of August 2022** in the village Hatigarh (F.V) under Kochugaon block, Kokrajhar.

The crop duration of tulsi plant is **90 days** for oil extraction purpose, at which the plants attains its full blooming stage. As there is no oil extraction plant within the production cluster at present, we had **harvested** tulsi plants only from 2 bighas of cultivated area for oil extraction and testing purposes on **28th November 2022**. Rest of the crop has been kept for seed extraction purpose, as the farmers producers group has been decided to expand area of cultivation in the coming seasons.

The harvested tulsi plants of around 12 quintals was brought to oil extraction plant located at Rainadabri near Kokrajhar town, which is under the ownership of Mrs. Deepali Roy, a Chitronela cultivator. A quantity of 5.850 kg tulsi oil had been extracted from 2 bighas of area i.e. equals to about 3 kg of oil/bigha of area and about 9kg of oil /acre (3 bigha) area which is at par or in same range with the CIMAP reports on oil extraction (7-8 kg of oil can be extracted from 1 acre area in 1 harvest). The farmers can harvest 2<sup>nd</sup> crop from the same plantation by ratooning of the previous crop after 2.5-3 months from the 1<sup>st</sup> harvest. So, from these findings, it can be suggested that Tulsi crop is suitable for commercial cultivation at Kochugaon region of Kokrajhar district, BTR.



Submitted by:

Kabita Mushahary

Narzary, DHC, Kokrajhar



**Natural farming and Its Progress with adoption in Kamrup District .....**

APART project has included natural farming demonstration in the Annual work plan of 2022-23 on pilot basis for 5 districts of Assam. Kamrup district is one of these districts which has started implementation of the same for awareness on Zero Budget Natural Farming amongst community members. This approach was initiated in both cluster and district level during the mid of October 2022 in a aim to cover all 16 blocks so that more resource persons can be trained and prepared for effective awareness programme through adoption of use of the four component viz Jivamrit, Bejamrit ,Mulching technique and Wapashain.

Initially Kamrup District has targeted to complete the awareness, by conducting 57 numbers of trainings by 31<sup>st</sup> March 2023. And till December 2022 total 19 numbers of trainings was conducted by covering 374 numbers of Participants from Sonapur ,Chandrapur ,Khetri and Chaygaon.

Some of the benefits of natural farming have been explained through demonstrations process during the training programme by the District Facilitator and Master Trainers highlighting the following:

- It minimizes cost of production, thereby increase farmer's yield and income. ...
- It ensures better health with elimination of chemical input and favour traditional farming practises.
- Natural farming is one the key ingredient of Environment Conservation. ...
- It also supports reduction in water consumption.
- It also creates employment generation.

During the training programme practical demonstrations on Preparation and its application of different formulations was showed to the community:

1. Liquid formulation like Jivamrit and local formulation,
- 2.Heap compost
- 3.Zero tillage bed preparation
- 4.Bio intensive raised bed preparation
- 5.Use of mulching for live fence
- 5.Seed conservation technique
- 6.Biochar preparation
- 7.Seed treatment by Bijamrit



We should keep a provision for exposure visits for the farmers to other states where Natural Farming programme is going on successfully .



Submitted by

MitaliBordoloi  
District Horticulture Coordinator  
APART-Kamrup



## দিচাংমুখৰ কৃষি বিপ্লৱ আৰু শিৱসাগৰ এপাৰ্টৰ বজাৰ সংযোজন

দিচাংমুখৰ মহাবাহু ব্ৰহ্মপুত্ৰ আৰু দিচাং নদীৰ মিলনস্থল। বাবেৰহনীয়া মিচিং সংস্কৃতিৰ কেন্দ্ৰস্থল।

অফলা, লেপাই, আলিচিগা, চিতলদুবি, আজাৰগুৰি আদি গাওঁসমূহক লৈ গঠিত দিচাংমুখৰ ভৌগলিক আয়তন ৪৪.৪৯ বৰ্গ কিলোমিটাৰ আৰু ২০২০ চনৰ তথ্য অনুসৰি জনসংখ্যা ১৪০৪২ জন। ইয়াৰে ৮৫ শতাংশ লোকেই কৃষিজীৱি। তেওলোকে ভৰবাৰিষাৰ উগ্ৰ বিশাল মহাবাহুৰ লগত সহবাস কৰি শীতৰ শান্ত সৌম্য পৰিবেশলৈ তেওঁলোকে বাট চায়। শালিধানৰ সোণালী সপোন বেছিকৈ তেওঁলোকে নেদেখে। মন জুৰোৱা শ শ বিঘাৰ দিচাংচাপৰিৰ ৰবি শস্যৰ বাবে তেওঁলোকে আকুলতাৰে বাট চাই। তেওঁলোকৰ সেউজীয়া সপোনে পাহি মেলে। ৰবি শস্যৰ বতৰত দিচাংমুখ সুজলা সুফলা হয়। না না তৰহৰ শস্যৰে ভৰপুৰ হয়। খৰালিৰ দিচাংচাপৰি তেওঁলোকৰ মূল আকৰ্ষণ। সেউজীয়া কবি, বেঙেনা, ৰঙালাও আৰু অনেক শাক পাচলি। সৰিয়হ ফুলৰ বিশাল পথাৰ। মন জুৰুৱা হালধীয়া ফুলৰা শস্য উপযোগী দিচাংচাপৰিৰ মাটি আৰু আধুনিক প্ৰযুক্তিয়ে দিয়া সুবিধাসমূহ লৈ দিচাংমুখৰ শিক্ষিত যুৱকসকল আগবাঢ়ি আহিছে ব্যৱসায়ভিত্তিক কৃষিকৰ্মৰ বাবে। কৃষিক তেওঁলোকে বৃত্তি হিচাপে গ্ৰহণ কৰিছে। কৃষিক সাৰথি কৰি তেওঁলোক স্বাৱলম্বী হৈছে। আৰু আন দহজনৰ আদৰ্শও। এজনে যদি ৫০ বিঘাৰ পৰা ডেৰশ বিঘা পৰ্যন্ত উন্নত জাতৰ ৰঙালাও কৰিছে অন্যজনে হয়তো কবি, বিলাহী খেতি কৰি স্থানীয় বজাৰৰ লগতে দুৰদুৰণিলৈ বজাৰ দখল কৰিবলৈ সক্ষম হৈছে। কোনোৱে আকৌ সৰিয়হ কৰিছে ৫০ বিঘা ১০০ বিঘা বা ১৫০ বিঘা। সামৰ্থ্যবান জনে আকৌ হয়টো সকলোবোৰ শস্যকেই সামৰি লৈছে।

সকলো অত্যন্ত ব্যস্ত। সময়যে মহামূল্যবান যেন সকলোৱে বুজি উঠিছে। সকলোৱে তেওঁলোকৰ কৃষি কৰ্মৰ পৰা উপাৰ্জনৰ লক্ষ্য নিৰ্ধাৰণ কৰি লৈছে। কোনোজনৰ ৫লাখ টকাৰ লক্ষ্য, কোনোজনৰ ১৫লাখ টকা পৰ্যন্ত। উদ্যমী কৃষক পুৱাৰাম পাংগীং, দীনেশ টায়ে, গজেন পাংগীং হঁতৰ এইবছৰৰ উপাৰ্জনৰ লক্ষ্য ক্ৰমে ১৫ লাখৰ পৰা ২০লাখ, জয়ন্ত টায়েৰ লক্ষ্য ১০লাখ টকা। প্ৰাঞ্জল পাংগীঙৰ লক্ষ্য ৭ লাখ টকা।

এনেধৰণে প্ৰায় ২৫০জন কৃষকে দিচাংচাপৰিত ৰবি শস্যত বিশেষকৈ শাক পাচলি উৎপাদনত নিজকে নিয়োজিত কৰাৰ উপৰিও কাষৰীয়া অঞ্চলৰ বহু লোকক সফলতাৰে সংস্থাপনৰো ব্যৱস্থা কৰিব পাৰিছে।

ইতিমধ্যে ২০২০ চনত শিৱসাগৰ জিলাৰ কৃষি বিভাগৰ উদ্যোগত আৰু এপাৰ্টৰ সহযোগত গঠিত হোৱা দিচাংমুখ এগ্ৰ' প্ৰডিউচাৰ কোম্পানীৰ অধীনৰ দিচাংচাপৰি কৃষি গোটত একগোট কৰা কৃষক সকলে নতুন উদ্যমেৰে আগ বাঢ়ি আহিল। কৃষি বিষয়াসকলৰ লগতে এপাৰ্টৰ বিষয়ববীয়াসকলৰ সহযোগত বিজ্ঞানসন্মত পদ্ধতিৰে কৃষি কৰ্মত আগবঢ়াৰ লগে লগে সুচল বজাৰৰ সন্ধান আৰম্ভ হ'ল।

দিচাংমুখৰ কৃষকৰ প্ৰধান সমস্যা আছিল বজাৰ ব্যৱস্থাপনা। বজাৰ সংযোজনৰ ব্যৱস্থাৰ বাবে শিৱসাগৰ জিলা কৃষি বিভাগ আৰু বিশ্ববেংকৰ অৰ্থসাহায্যৰে পৰিচালিত এপাৰ্টে উদ্যোগ লয়। বৰ্তমান শিৱসাগৰ জিলাৰ এপাৰ্ট (APART) ৰ দ্বাৰা সংযোজিত Aquesta কোম্পানীৰ আৰু অন্যান্য ব্যৱসায়ীৰ দ্বাৰা গুৱাহাটী, ডিব্ৰুগড় আৰু বাহিৰৰ বিভিন্ন বজাৰলৈ উৎপাদিত কৃষি সামগ্ৰী বিশেষকৈ ৰঙালাও পঠিয়াই স্থানীয় বজাৰতকৈ কৃষকসকলে অধিক আৰু সঠিক মূল্য লাভ কৰিবলৈ সক্ষম হৈছে। এই ক্ষেত্ৰত উদ্যান শস্যৰ মহকুমা কৃষি বিষয়া তথা এপাৰ্টৰ জিলা নডেল বিষয়া অমৃত শইকীয়াৰ নেতৃত্বত এপাৰ্টৰ বজাৰ সংযোজন সমন্বয়ক বিমান সন্দিকৈ, উদ্যানশস্য সমন্বয়ক ৰাহিত য়েইন আৰু ৰিতুপৰ্ণ ঘৰফলীয়াই সক্ৰিয়ভাৱে কাম কৰি কৃষকৰ উৎপাদিত সামগ্ৰী পোনপতীয়াকৈ বজাৰ সংযোজন কৰি কৃষকে সঠিক মূল্য পোৱা নিশ্চিত কৰিবলৈ সক্ষম হৈছে। দিচাংচাপৰি কৃষি গোটৰ সদস্যসকলে ৫০০টনতকৈ অধিক ৰঙালাও আৰু ৩০০ টনতকৈ অধিক বন্ধাকবি, ৫০-৬০ টন অন্যান্য শাকপাচলি স্থানীয় বজাৰ আৰু দুৰদুৰণিৰ বজাৰলৈ এতিয়ালৈকে উলিয়াই পঠাবলৈ সক্ষম হৈছে।

ইতিমধ্যে সৰিয়হ ফুলিবলৈ আৰম্ভ কৰিছে। TS-38, PM28, RH- 406 ,RGN 298 আদি উন্নত জাতৰ সৰিয়হ কৃষি বিভাগৰ আৰু এপাৰ্টৰ উদ্যোগত দিচাংচাপৰিৰ কৃষক সকলে সুন্দৰ উৎপাদনৰ আশা কৰিছে। ইতিমধ্যে এপাৰ্টৰ টীমে উপযুক্ত বজাৰৰ সন্ধান কৰিছে আৰু মূল্য সংযোজনৰ বাবে ব্যৱস্থা লৈছে। প্ৰধানমন্ত্ৰী কৃষি সঞ্চয়ী যোজনাৰ অধীনৰ পথাৰত পানী ব্যৱস্থাপনাৰ সুবিধা কৃষকে সকলে লৈছে। শিৱসাগৰ জিলাৰ মাননীয় উপায়ুক্ত আদিত্য বিক্ৰম যাদৱ আৰু জিলা কৃষি বিষয়া বলীন্দ্ৰ নাথ চেতীয়াই এই ক্ষেত্ৰত কৃষক আৰু এপাৰ্ট টীমৰ সকলোকে উৎসাহিত কৰি আগুৱাই যোৱাত সহায় কৰিছে। সকলো মিলি দিচাংচাপৰিৰ কৃষক সকলক অৰ্থনৈতিক বিকাশৰ দিশে আগুৱাই নিছে। প্ৰধানমন্ত্ৰী কৃষি সন্মান নিধিৰ অধীনত অৰ্থসাহায্যই অৰ্থনৈতিক ভাৱে দুৰ্বল কিছু কৃষকক আগুৱাই যোৱাত সহায় কৰিছে।

দিচাংমুখ এনেএখন ঠাই য'ত মানুহে আপোন জীৱন যাত্ৰাৰ ঘাট প্ৰতিঘাট অতিক্ৰম কৰি জীৱন জীৱিকাৰ সন্ধান কৰিছে। প্ৰকৃতি প্ৰদত্ত সম্ভাৰেৰে সমুজ্জল কৃষিকাৰ্যৰ ৰূপতীৰ্থ দিচাংমুখৰ প্ৰাকৃতিক সৌন্দৰ্যই মানুহক সদায়েই আকৰ্ষণ কৰি আহিছে।

অমৃত শইকীয়া

সহকাৰী উদ্যানশস্যবিদ (মহকুমা কৃষি বিষয়া), আৰু এপাৰ্টৰ জিলা নডেল বিষয়া শিৱসাগৰ ৭০০২৫০৫৯০৩



# GLIMPSES FROM APART, SIVASAGAR





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