



8th National Seminar on



"Potential, Prospects and Strategies for Doubling Farmers' Income: Multi-stakeholder Convergence"

November 9 - 11, 2017

Organized by

MOBILIZATION

(Society for Community Mobilization for Sustainable Development)



in collaboration with

Assam Agricultural University, Jorhat

&

ICAR-ATARI, Guwahati

Venue

**College of Veterinary Science
Assam Agricultural University,
Khanapara, Guwahati - 781022**

Seminar Partners



Mobilization Society

Society for Community Mobilization for Sustainable Development (MOBILIZATION) is a registered non-profit professional society for mobilizing the society for sustainable development. The Society, since its humble beginning in 2003, has grown into a strong professional body with more than 950 eminent researchers, academicians, planners, grassroots mass mobilizers and students as its active life members including about 20 foreign members. With growing strength, it has diversified its activities to provide its members an effective platform to share their professional experiences and discuss about emerging challenges. The Society has successfully organized seven national seminars, published books on relevant issues, brings out half-yearly research journal "Journal of Community Mobilization for Sustainable Development" (online ISSN 2231 6736 and print ISSN 2230 9047) for last ten years, besides other academic/developmental activities. The journal has been given 5.30 rating by NAAS (ID-J138).

The first seminar of the society was organized at IIT, Delhi followed at ICAR-IVRI, Izatnagar, GBPUA&T, Pantnagar, ICAR-CIRG, Makhdoom, ICAR-NDRI, Karnal, Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Solan, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Jammu, ICAR-CIARI, Port Blair in association with Andaman Sciences Association (ASA) and last seminar on "Technological Advancement for Sustainable Agriculture & Rural Development (TASARD, India-2017)" was held from February 20-22, 2017 at New Delhi in association with African-Asian Rural Development Organization (AARDO).

The Seminar

India has attained food security and has a sizeable buffer stock however enhancing the income of the farmers with increased production still remain elusive. The Government has put a target of doubling farmers' income by 2022. The producer's share in consumer's price is very meagre. Adoption of post-harvest management technologies including processing and value addition could ensure enhanced price of the produce and minimize post-harvest loss in perishable and semi-perishable commodities. Effective market linkage including direct marketing between producer and consumer will enhance producer's share in consumers' rupee. Group farming is another option for minimizing input cost and cost of cultivation. Of late, with the increased stress upon pluralistic extension management, the focus of the extension system has shifted to a holistic production-processing-supply environment. Concurrent to the shift, the technology transfer models are increasingly stressing upon an 'Agricultural Knowledge and Information System' in order to take into greater consideration the post production issues. Market intelligence and value chain management started receiving the primary focus amidst the huge postharvest losses.

Food grains form an important part of the vegetarian Indian diet. Grain production has been steadily increasing due to advances in production technology, but improper storage results in high losses in grains. Post-harvest losses in India amount to 12 to 16 million metric tons of food grains each year, an amount that the World Bank estimates could feed one-third of India's poor. Natural contamination of food grains is greatly influenced by environmental factors such as type of storage structure, temperature, moisture, etc. During storage, quantitative as well as qualitative losses occur due to insects, rodents, and micro-organisms. A large number of insect pests have been reported to be associated with stored grains. Such as *Rhizopertha* , *Tribolium* , *Khapra Beetle* etc. At any given time 60–70% of grains is stored on the farm in traditional structures like Kanaja, Kothi, Sanduka, earthen pots, Gummi and Kacheri. However, indigenous storage structures are not suitable for storing grains for very long periods. The post-harvest losses in two major food grains, viz. rice and wheat are the highest where about 75 per cent of the total post-harvest losses occur at the farm level and about 25 per cent at the market level. The storage losses at different stages have added up to about 36 per cent of the total post-harvest losses in rice and 33.5 per cent in wheat, while harvesting and threshing operations together account for about 17 per cent of total losses in both the crops. Although a huge challenge, storage losses can be mitigated by use of efficient storage technology, upgrading infrastructure and storage practices. Hence scientific management of Post-Harvest losses due to stored insect pest has become the need of hour & this will add value in the concept of doubling the farmer's income.

The public agricultural extension system in the recent years has therefore, required to look beyond production with added emphasis. Micro-scale on-farm processing units, value addition and other forms of secondary agriculture although are not new, a functional linkage between production and processing are found generally missing, especially in case of the small and marginal farmers. In India, over 80 percent of the farmers being small to marginal, the overall national loss in the food basket mainly due to dearth of processing facilities and market information. It is quite shocking to note that in India fruits and vegetables worth Rs. 130 billion are wasted every year. A production based farming business is therefore, hardly profitable without understanding the market dynamics, environmental and institutional factors of production. The present day threats posed by the climate change issues further add to the challenges of leveraging contingencies and a sustainable farm based livelihood. A serious multi-stakeholder involvement and convergence in an organized and committed way between agencies for a harmonious production-processing milieu is therefore felt increasingly essential.

The very purpose of the present seminar is to sensitize the different stakeholders regarding the pertaining issues of postproduction handling and marketing of agricultural produce in a profitable manner. Issues related to sectoral,

organizational and functional convergence between different stakeholders for addressing the above challenges is the further objective of the present seminar which comprises of the following thematic areas:

Seminar Themes

- I. Technology options including secondary agriculture and value chain management for doubling farmers' income
- II. Institutional convergence for synergetic effect on farm efficiency, profitability and Farmers' right
- III. Emerging options for rural entrepreneurship development like Skill India, Start Up, ARYA, Student READY etc and Digital empowerment .
- IV. Innovations in Extension Approaches/ Future extension
- V. Post Harvest Protection of Grain, Cereals, Pulses & Oilseeds and its relevance in enhancing farmer's income
- VI. Sustainable/ Alternative Farming: Options for doubling farmers' income
- VII. Role of biotechnology in enhancing farmers income

'Besides, a special Session on enhancing income and prosperity of hill farmers will be organized'.

The Participants

The seminar would be of great utility for researchers, academicians, policy planners, NGO's/grassroots mass mobilizers and students having interest in sustainable development in general and improving the quality of life of people in particular.

Call for Papers

Papers are invited on identified themes of the seminar. Papers should be based on original research, training and extension experiences focusing on any of the above themes. Review/data based papers, case studies and developmental experiences of individuals and organizations may also be accepted.

Submission of Abstract/Paper

The abstract of about 300 words typed in single space should be sent by e-mail (mobilizeseminar2017@gmail.com) by September 20, 2017. Author(s) should write the name of the theme on the top of the abstract. Author(s) are encouraged to submit soft copies of their full length papers electronically as an e-mail attachment in an editable format (MS-Word, 12 font, single spacing, A4, 10-12 pages) at mobilizeseminar2017@gmail.com. Full length papers of accepted abstracts along with the registration fee should reach by October 10, 2017. Society proposes to

publish the selected papers in the form of a book. Hence, the contributors are requested to send the papers in the form of book chapter.

Important Dates

Last Date for submission of Abstract	20.09.2017
Last Date for submission of full length paper	10.10.2017
Submission of registration fee	10.10.2017
Submission of application for award	20.09.2017

Registration Fee

Categories	Till 10.10.2017	Spot Registration
Member	5000/-	6000/-
Non-member	6000/-	6500/-
Students	2000/-	2500/-

**Registration fee includes seminar kit, local hospitality and local transport. Accompanying person has to pay 50% of registration fee.

Registration fee should be sent through crossed bank draft in favour of "Society for Community Mobilization for Sustainable Development" payable at Delhi, at following address: Dr. H. C. Bhattacharyya, Organizing Secretary & Director of Extension Education, AAU, Jorhat. Mobile: 9435194597, Phone: 0376-2340029 (O). E-mail: mobilizeseminar2017@gmail.com,

The registration fee may also be deposited online to the following account.
A/C Name: Society For Community MobilizationForSustainableDevelopment
Bank Name: Punjab National Bank, Place: Rajinder Nagar, New Delhi
A/C No: 3075000101724341, MICR: 000024000, IFSC Code: PUNB0307500

Venue

College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati - 781022.

How to reach Venue

College of Veterinary Science, Assam Agricultural University, Khanapara is 35 Kms away from Guwahati (LGB) Airport, about 15 Kms from Guwahati Railway station and 10 kms from ISBT. Taxi is available at Guwahati airport and railway station to commute to the venue and place of stay. College of Veterinary Science, Assam Agricultural University, Khanapara can also be reached by City Bus available at Guwahati Airport/Guwahati Railway station. Both Guwahati airport and railway station is well connected to the other parts of the country.

A little acquaintance with the North Eastern Region of India

The North Eastern region of India is one of the twelve biodiversity hotspots in the world. Ecology of the region is fragile and vulnerable to the climate change

impacts. The region is highly poverty struck and is therefore considered as the backyard enclave of a progressive economy. Extreme remoteness, geographical disadvantages, communication bottlenecks, ethnic and linguistic barriers, and associated challenges hinder outreach and prevents efficient execution of extension programmes. Farming in the region is overwhelmingly rainfed, hardly looked at as a profitable business venture and is mainly undertaken for subsistence. Agriculture by and large, is organic by default and farmers in majority prefer organic and natural ways of farming. The average income of the farmers is about Rs. 5000/ per month. The region is blessed with enormous natural and forest resource; climate in the region is mainly temperate to subtropical. Rice, rapeseed, maize, ginger, turmeric, winter vegetables, pineapple, citrus, banana, mandarin and other temperate fruits are the major agricultural commodities grown in the region.

Accommodation

Delegates attending the Seminar will be provided accommodation at guest houses/hotels on request and on payment basis. Intimation to this effect may please be sent to Organizing Secretary of the Seminar well in advance (on or before 10.10.2017) so as to avoid last minute inconvenience. Approximate room charges in hotels are in the range of Rs. 3500/- (Executive, on twin sharing basis), Rs. 5000/- (Deluxe, on twin sharing basis) and Rs. 7000/- (Super Deluxe, on twin sharing basis). Hotel booking is subjected to advance payment of one day room charge.

Awards

The organizing committee has instituted various awards/ honours for encouraging the spirit of the researchers, educationists, teachers, trainers and practitioners. The list of the awards and the application form for the same may be downloaded from the website of the society www.mobilization.co.in. The application in this respect should reach to convener (Dr. J P Sharma) of the seminar latest by September 20, 2017.

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8th National Seminar

on

" Potential, Prospects and Strategies for Doubling Farmers' Income: Multi-stakeholder Convergence "

November 9-11, 2017

College of Veterinary Science, (Assam Agricultural University),
Khanapara, Guwahati

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4. Telephone: (O) (R) Mobile:
- E-mail:
5. If presenting a paper, the title of the paper:.....
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For any queries please contact: Dr. H. C. Bhattacharyya, Director of Extension Education, AAU, Jorhat. Mobile: 9435194597, Phone: 0376-2340029 (O) email ID: dee@aau.ac.in, hemenbhatta@gmail.com, mobilizeseminar2017@gmail.com or

Dr. Reshma Gills, Scientist, Agricultural extension, ICAR-IARI, New Delhi, email ID: reshma1818@gmail.com