

Seminar on *Sustainability of Small Farmer in Changing Agricultural Scenario*

Venue: Seminar Hall

Professor Jaisankar Telangana State Agricultural University Hyderabad

Date: December 22, 2018, Saturday

Final Circular



Introduction

The second generation challenges that farmers face in Indian agriculture are the decline in factor productivity growth, poor soil health, reduction in soil organic carbon, ground and surface water-pollution, water-stress, increased incidence of pests and diseases, increased cost of inputs, decrease in farm and fishery profits and adverse impacts of climate change. These intricate problems have made small farmer vulnerable in achieving sustainability, particularly in the absence of any policy support and institutional assistance.

In India, there is a drop in the number of farmers engaged in agriculture. In fact, agricultural labour force has increased to 150 million, or 30 % of the total work force. The rise in agricultural labour force could be explained by the falling size of land-holdings over time. This predicament of Indian farmers is a national



tragedy. India is losing more than 2,000 farmers every single day as they move away in search of livelihood. Since 1991, the overall number of farmers has dropped by 15 million. Part of this reduction in the number of farmers has to do with an epidemic of suicides by rural cultivators trapped in enormous amounts of debt.

The rapid pace of climate change is exerting influence on agriculture, including fisheries, with respect to production timing, product quality, and availability of inputs and their costs, cultural practices, pests and diseases and post-harvest and marketing costs. Financial viability and profitability issues as a part of climate change response strategy will have to be discussed in relation to extreme events like unusually low or high rainfall, extremes in temperature, intense sunlight or wind speed, drought and unseasonal rainfall that caused damage to the crops, humans and animals; they also jeopardized the lives of fishermen, who often work in poor conditions aboard fishing vessels.

Suitable horticultural species including some unconventional tree species with resilience to vagaries of weather, but possessing soil enhancing properties and higher carbon sequestration attributes have to find a place on small farms too.



The required level of investment for the development of marketing, storage, especially cold storage infrastructure is lacking. The government has not been able to implement schemes to raise investment in marketing infrastructure. Some of these schemes are Construction of Rural Godowns, Market Research and Information Network, and Development or Strengthening of Agricultural Marketing Infrastructure, Grading and Standardisation facilities. Non-traditional approaches innovations aimed at higher productivity, sustainability and profitability through most appropriate diversified, secondary and specialty agriculture that are supported by post-harvest management, proper storage, value addition and better access to market can help to enhance the income of small farmers. Ensuring the implementation of proven farm pond based water harvesting system, conservation of natural resources, nutrient management, intercropping of annuals within the perennial tree plantations and inland aquaculture can also improve the situation.

The small farmers concerns will be addressed at this Seminar and recommendations that emerge from it are expected to generate useful methods of ameliorating the situation of the small farmers and lead them to better life and sustain agriculture. This will also provide opportunities for public and private participation to generate new innovations, develop allied industries and initiate government policies that can aid in increased national agricultural production and welfare of farmer.

This scheduled Seminar had to be shifted to December 22, 2018 due to restrictions imposed by the polling schedule for Telangana State Elections.



Seminar Program

INAUGURAL SESSION: 9.30 -10.40 AM

**Chairman: Dr V. Praveen Rao, Vice-Chancellor,
Prof. Jaisankar Telangana State Agricultural University, Hyderabad**

9.30 to 9.35 AM: Welcome by Dr M.V.R. Prasad, President, RICAREA

**9.35 to 9.40 AM: Chairman's Remarks by Dr V. Praveen Rao, V.C.,
PJ TSAU**

Inauguration & Keynote Address

**9.40 to 10.35 AM: Dr. R. S. Paroda, Former Secretary to the Govt. of
India (DARE) & Director General, ICAR& Chairman TASS, New
Delhi**

10.35 to 10.45 AM Chairman's remarks by Dr. V. Praveen Rao

**10.45 to 10.50 AM Vote of thanks –Dr. Y. Muralidharudu, General
Secretary RICAREA**

10.50 to 11.15 AM: High Tea

SESSION 1: 11.15 A.M.to 1.30 PM

Chairman: Dr V. Praveen Rao, Vice-Chancellor, PJ TSAU

Invited Speakers:

- 1. Dr. M. Vijay Gupta, International Expert on Fishery Sciences (FAO):
*Inland Fisheries to enhance small farm economy***
- 2. Dr. B. Venkateswarlu, Former Vice Chancellor, MAU Parbhani &
Director, ICAR-CRIDA: *Small holder Agriculture and Climate
change: Vulnerability and adaptation*".**



3. Dr. S. Shikhamany, Former Director, ICAR-IIHR & V.C, A.P. Horticultural University: *Small Holder Horticulture*
4. Dr. V. Prabhakar Rao, Former Vice Chancellor, A.P. Univ. of Veterinary Sciences: *Animal Production to enhance economy of Small Farm*
5. Dr. K.P.C. Rao, Former Principal Scientist (Ag.Economics), ICRISAT & ICAR-NAARM: *Enhancement of the Small Farmer's Economy through Innovative marketing techniques*
6. Dr. K.G. Ramesh, Director General, IMD: *Manipulation of farm husbandry in relation to weather changes*

Lunch Break: 1.30 PM to 2.30 PM

Session 2 : 2.30 to 4.00 PM

Empowering Small farmers-panel discussion

**Chairman: Dr R.S. Paroda, Former Secretary, DARE Govt. of India
& Director-General, ICAR**

**Co-Chairman: Dr V. Damodar Naidu, Vice Chancellor,
Acharya NG Ranga Agricultural University, Guntur A.P.**

The following invited speakers shall participate in the Panel Discussion

1. Dr V. Praveen Rao, Vice Chancellor PJTSAU.
2. Dr P. K. Joshi, Director IFPRI.
3. Dr. Sreenath Dixit, Scientist, ICRISAT & Former Coordinator, NAIP Project, ICAR.
4. Shri. Rakesh Shukla, Team Leader-FPO.
5. Shri. Hari Babu, Horticulture & Organic Farmer, Shamshabad, R.R. District, Telangana.

4.00 to 4.15 PM: Tea Break



Session 3: Plenary Session: 4.15 to 6.00 PM

Chairman: Dr E. A . Siddiq, Former Deputy Director General (Crops), ICAR and Professor of Eminence, PJTSAU

Presentation of Rapporteurs' reports

Discussion and development of recommendations

Vote of Thanks- Dr Y. Muralidharudu, General Secretary RICAREA

POSTER SESSION

There shall be a Parallel Poster Session, which will be visited by participants after 6 PM. Three Best Posters shall be honoured with awards.



Participants interested in submitting their Papers for Poster Session may prepare their presentations as per the standard format for scientific publication in A3 Size and send the manuscripts to : Dr K.P.C. Rao, Secretary, Retired ICAR Employees' Association (RICAREA), Hyderabad at the e-mail Id: ricarea@gmail.com on or Before December 5, 2018 along with the proof of their registration for the Seminar.



REGISTRATION

Participants other than Invited Experts are required to register themselves by paying a registration fee of Rs. 2,000/-, which can be paid digitally(see below) or remitted by Demand Draft in favour of Retired ICAR Employees Association, Hyderabad on or before December 5, 2018. Student may register by paying a concessional fee of Rs. 1,000/.

PAYMENT DETAILS

Contributions by cheques / Demand Drafts drawn in favour of RICARE (RETIRED ICAR EMPLOYEES ASSOCIATION) may please be sent to Dr. Y. Muralidharudu, General Secretary, RICAREA, ARC Complex, Flat No. 101, Vidyanagar, Hyderabad - 500 044, Telanagana State. Phone 040-27642579, Mobile: 9704542061

Digital payment accepted: RICAREA Bank A/c No: 134210100004289
Bank: ANDHRA BANK, Sundernagar Branch, Hyderabad, Telangana State, IFSC Code: ANDB0001342 (used for RTGS, IMPS and NEFT transactions)

REACHING THE VENUE

Prof. Jaisankar Telagana State Agricultural University Campus at Rajendranagar is at a distance of 24 km from Secunderabad Railway station, 17 km from Hyderabad Railway Station, 16 km from Kacheguda Railway Station and around 17 km from Hyderabad Airport.



Prepaid taxi and auto-rickshaw services are available at all the railway stations and Airport, which may be availed of to reach the venue of the Seminar. Airport Shuttle Bus Service is also available to reach the PJTSAU gate destination from Hyderabad Airport.

ORGANIZING COMMITTEE

- Dr. V. Praveen Rao, Vice-Chancellor, PJTSAU, Hyderabad
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Dr. Vilas Tonapi, Director, ICAR-Indian Institute of Millet Research, Hyderabad.
Dr. Sammi Reddy, Director, ICAR-Central Research Institute for Dryland Agriculture, Hyderabad
Dr. S.R. Voleti, Director, Indian Institute of Rice Research, Hyderabad
Dr. R. N. Chatterjee, Director, ICAR-Directorate of Poultry Research, Hyderabad
Dr. S. Vaithyanathan, Director, ICAR-National Research Centre on Meat, Hyderabad
Dr. M.V.R. Prasad, Director (Retd.) ICAR-DOR/IOR & President RICAREA,

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