

# **WORKSHOP ON “Petroleum Product Conservation in Farming”**

## **ACTION REPORT**

As per direction of the Central Agricultural University (Imphal) and Petroleum Conservation Research Association (PCRA), Ministry of Petroleum and Natural Gas, Government of India towards sensitization and creation of awareness on conservation of petroleum products among the farming communities of North Eastern Region, one half-day workshop on ‘**Petroleum Product Conservation in Farming**’ was organized by the College of Fisheries, Central Agricultural University (Imphal), Lembucherra, Tripura on 04-12-2019 at its premises. The programme was inaugurated by Dr. Pramod Kumar Pandey, Dean, College of Fisheries, CAU (I) in presence of Dr. Amaresh Sarkar, Assistant Professor (Agril Engineering), College of Agriculture, Tripura University as resource person, joint coordinators of the workshop Dr. P. Pal, Assistant Professor in Statistics and Dr. S.S. Mahanand, Assistant Professor in Aquaculture Engineering; 52 numbers of Post Graduate and Ph.D students, research scholars and faculties of the college.

While welcoming the house, Dr. Pramod Kumar Pandey, Dean, College of Fisheries, CAU (I) explained the importance of energy conservation to farmers and the society at large. And being the non-renewable source of energy, he further explained the necessity of looking into the issue of conserving petroleum products and significance of creating mass awareness among the farming gentry on the matter given the fact that they are also one among the key users of varied petroleum products. He was appreciative of the sustained effort being put forward by the PCRA in such kind of sensitization bid.

In his opening remarks Dr. A.D. Upadhyay, Head, department of Extension and Social Sciences discussed the background and the objectives of the workshop. In the presentation on ‘Petroleum Product Conservation in Farming’, the resource person Dr. Amaresh Sarkar mentioned that out of total consumption of petroleum product, the share of farming sector is around 25% to cover the activities like irrigation, ploughing/leveling/, weeding/sowing/planting, threshing and winnowing, milling, transportation etc. He emphasized the importance of resorting to multi-pronged strategic measures viz. timely maintenance of farm machineries, use of energy efficient machines, proper planning, operation of machines at optimum speed, adoption of gravity flown drip irrigation/motorized irrigation instead of engine powered irrigation, adoption of motorized paddy threshing/winnowing instead of engine powered winnowing etc. He demonstrated various energy efficient Model Gravity Drip Irrigation Systems and community based poly pond. The comparative benefits of drip irrigation system in terms of water saving vis-a-vis yield increase were also presented by him.

The presentation was succeeded by open house interaction on the focal issue of efficacy, technical feasibility and economic viability of poly pond in the Tripura farm situation.

The workshop was also featured by presentation of one PCRA produced documentary film on **ट्रैक्टर में ईंधन बचने के कुछ सरल उपाय**.

After due completion of the presentation, Dr. P. Pal, coordinator of the workshop proposed the vote of thanks to mark the formal end of the workshop.

### *A glimpse of the workshop*

