



## ICAR- CAZRI organized events on the occasion of World Soil Day on 5<sup>th</sup> December 2022

One hundred fifty farmers from Sar and Sinli villages of Jodhpur district participated in an event organized by CAZRI on 5<sup>th</sup> December under the SCSP programme. Dr. Mahesh Kumar, Principal Scientist and the Coordinator, SCSP, CAZRI, Dr. R. S. Yadav, Principal Scientist and Dr. Shrvan Kumar, Scientist spoke about the objectives and importance of World soil day. They explained about sustainable soil management practices such as judicious use of manures and fertilizers based on the soil health cards, and procedures of soil sample collection from the fields. Dr. B. L. Manjunatha, Scientist informed the farmers about the organic linkage of *Jamin* (land/soil), *Jangal* (forest/ CPRs), *Jal* (water), *Janwar* (livestock) and *Jan* (human beings) in the functioning of the ecosystem. Smt. Vatika Rajpurohit, Pradhan of Luni Panchayat Samiti and the Chief Guest strongly encouraged the farmers to adopt improved technologies recommended by CAZRI for enhancing their crop productivity and incomes. Sh. Ramchander Rathore, Chairman, GSS, Rohicha Kalan, Luni, Sh. Pancha Ram, Sarpanch, Gram Panchayat, Sar, and Smt. Laxmi Devi, Sarpanch, Gram Panchayat, Sinali, were the other dignitaries. On this occasion, tarpaulin sheets and hand weeders were distributed to 150 farmers.



Event at Sar village, tarpaulin sheets distributed to farmers



Event at Dugar village, Jodhpur

KVK at CAZRI, Jodhpur also organized an event on this occasion at village Dugar in Balesar Panchayat Samiti of Jodhpur. 140 farmers, farmwomen and students from Dugar and nearby five villages participated. The SDM of Balesar was the Chief Guest who emphasized about adoption of new agricultural technologies and the benefits of soil testing. Dr. N.R. Panwar, Principal Scientist, CAZRI, explained how the use of soil health cards and organic matter can bring improvement in soil health. The program was coordinated by Shri R.R. Meghwal, SMS (Agronomy), KVK, Jodhpur.

## A WEBINAR on World Soil Day- 2022

EIACP-RP for combating desertification at ICAR – Central Arid Zone Research Institute, and EIACP, Assam Science Technology & Climate Change Department, Govt. of Assam jointly organized a webinar under the initiative “ Ek Bharat, Shrestha Bharat”.

Dr. O.P. Yadav, Director, ICAR-CAZRI, Jodhpur, in his address highlighted the importance of soil day and urged everybody to pledge for a better soil while passing it to the future generation. He mentioned that about 36% area of our country has undergone soil degradation and how human factor is mostly responsible for such conditions. He stated that present conditions of soils is a wakeup call for every citizen including the policymakers, scientific and farming community to prevent its further degradation.



Address by Dr. O.P.Yadav, Director



CAZRI Guest speaker, Rajasthan : Dr. P.Santra



Guest speaker, Assam: Sh. Neelam Dutta

Dr. Priyabrata Santra, Principal Scientist, CAZRI, Jodhpur delivered the Guest lecture on ‘*Digital Solutions for Soil Management*’. He shared detailed information about digital soil maps, digital technologies, soil management practices, pedo-transfer function models and about the benefits of Apps developed by CAZRI and other ICAR institutes. He also briefed about Library of digital photographs and use of hyper-spectral signatures for rapid assessment of soil properties. Sh. Neelam Dutta, the Guest speaker from Assam spoke about importance of organic agriculture and highlighted how organic farming practices are becoming the need for a sustainable livelihood. Earlier, Dr. P. C. Moharana, Principal Scientist & EIACP Coordinator, CAZRI gave initial remarks on the importance of the Day. Dr. Vipin Chaudhary Principal Scientist, CAZRI welcomed the guest speakers. Dr. Jaideep Baruah, the EIACP Coordinator, Assam gave an overview of soils of NE region. The programme was coordinated by Dr. Sangeeta Goyal and Dr. Manisha Sarmah, Programme Officers from Rajasthan and Assam respectively. 41 participants including scientists, officials and research officers participated in the webinar.