

Strengthening Agricultural Extension Activities under NEP and VO's Partnership Programme at KVK Saharanpur and HESCO, Dehradun

Two, Farmers-Scientist Interaction meets cum training programmes were organized at adopted village (Bidvi) of KVK Saharanpur (UP) on 11.10.18 and at adopted village of HESCO, Dehradun (Uttarakhand) on 12.10.18 under "Strengthening Extension Education Programme of Developing Innovative Models and Techniques for Higher Productivity and Profitability in Agriculture". Dr. Y. V. Singh, Principal Scientist (Microbiology), Dr. Pratibha Joshi, Scientist (CATAT) and Dr. Mahavir Singh (SMS, Agronomy) from KVK, Saharanpur participated in Saharanpur programme. Dr. Y. V. Singh, imparted training on the 'Importance and Use of Biofertilizers in sustainable crop production' and 'Rapid composting techniques'. Biofertilizer packets and composting inoculants were given to selected farmers. At Dehradun, Padma Shree Dr. Anil Prakash Joshi, Dr. Rakesh Kumar, Mr. Pramod Chandra Joshi, Dr. Kiran Negi from HESCO and Dr. Y. V. Singh, Principal Scientist (Microbiology), Dr. Pratibha Joshi, Scientist (CATAT) participated in programme at HESCO farm and HESCO adopted village Shuklapur, Dehradun. Dr. Y. V. Singh imparted training on the 'Importance and Use of Biofertilizers in sustainable crop production', 'Rapid composting techniques' and Azolla. Farmers showed very keen interest in biofertilizers, rapid composting of biomass and organic farming. Importance, type, role and method of biofertilizers application were told to the farmers. Hands on training on waste decomposer production technology, compost from waste, multiplication technology of Azotobacter, PSB, KSB and Mycorrhizae, Azolla production technology was given to HESCO officials and farmers at both the locations. After the training capsules as well as IARI liquid microbial decomposer and packets of *Azotobacter*, *Azospirillum*, PSB, KSB and ZnSB were given to the farmers for application in their fields and requested to give the feedback. Importance and use of Azolla as cattle feed supplement and biofertilizer was also explained and Azolla given to farmers and its multiplication technique was told to the farmers. Dr. Pratibha Joshi, Nodal Officer under IARI-NEP Collaborative Programme of ICAR- IARI informed the farmers about the objective and future prospects of the NEP Programme of ICAR-IARI and addressed the safety tools and techniques to prevent hazards in agriculture and value addition in seasonal crops to combat malnutrition. The team monitored the demonstration trials of paddy varieties (PB 1637 and PB-1) at villages of both the locations. The crop performance was very good and no infestation of insect pest or disease was found by the team. At Saharanpur, two time heavy rains had caused severe lodging in rice crop but it was much less in new IARI variety 'PB-1637' as compared to other varieties.



At KVK Saharanpur, Under IARI-ICAR Institutes / SAUs NEP Partnership Programme





At HESCO Dehradun , Under IARI-VOs Partnership Programme