

## **Field visit under the project “Establishment of DBT Biotech-KISAN Hub” at selected sites Ranchi, Ramgarh and Hazaribagh district in Eastern Hills and Plateau Region**

During five days visits (23-28<sup>th</sup> June, 2020) to selected sites in Ranchi, Ramgarh and Hazaribagh districts of Eastern Hills and Plateau Region, Dr. Pawan Jeet (Scientist), Dr. Bikash Das (Principal Scientist), Shri Manoj Kumar Sinha (STA), Miss Suniti Kumari (Young Professional-I), Er. Sriman Kumar reviewed the progress of activities “Development of climate resilient Integrated Farming system (IFS)” and “round the year mushroom cultivation” operational at Hahap, Koiribeda, Sarbal and Saparon villages of Ranchi district and Takha Villages of Ramgarh district under this project. In this region maximum cultivated area is rainfed but some farmers are using centrifugal pumps of capacity varying between 0.5-2 hp for irrigation from open wells. Vegetable cultivation under polythene mulching & natural mulching as well as adoption of advance water saving technology like drip irrigation system for irrigation of some farmers was also observed. Farmers were doing selection of *kharif* crops (mainly rice, ragi, urad and maize etc.), lac cultivation, fish cultivation, kitchen gardening, horticulture (fruits & vegetables) and animal husbandry components in extensive ways. Seed of *kharif* crops (ragi, urad and maize etc.) and vegetable crops (tomato, cowpea, ladyfinger, Sponge gourd, lauki etc.) were distributed about 50-60 farmers of Hahap, Koiribeda, Sarbal villages in Ranchi district. Farmers’ was guided for adoption of soil, water & crop management practices, fodder cultivation and others related components of IFS. During the visit, Gram Pradhan (Mukhiya) was advised for collection and preparation of list of migrant labours for extension of activities.

Visit to the project sites at Doruwa, Patratu, Chihuntiyan, Sijuwa, Dand, Churchu villages of Hazaribagh district and Dhurleta, Sarjamdih, Matkamdih, Banbarwadih villages of Ranchi district were also made. Activities like proper handling of unit, vaccination and time to time observations/readings taken as per requirement carried out at goatery and piggery unit were thoroughly reviewed.

### **Ongoing activities in Eastern Hills and Plateau region under DBT Biotech-KISAN project**



Meeting with KVK, Ranchi and KVK, Hazaribagh



Integrated farming system (IFS) at Ranchi and Ramgarh



Demonstration of Mushroom cultivation



Piggery unit in Hazaribagh district by KVK, Hazaribagh



Goatery unit in Ranchi district by KVK, Ranchi