

Case Study on Weather Forecast and Crop Advisory

Name: Putuna Sing Sardar

Village Name: Kathgora(Bondi)

Block: Kashipur

Group Name: Kathgora Bondih Radha Krishna Swanirbhar Mahila Dal

Putuna Sing Sardar, a farmwoman joined Radha Krishna Swanirbhar Mahila Dal under DRCSC in search of a secure livelihood for the small farming family and becoming self-dependent in 2021. From the initial days, she was enthusiastic about the nature of work the Service Centre carries out in the village. She started following the provided 5 days weather forecast and agro advisory in a regular manner. After getting agricultural advisory and various types of training in organic cultivation like preparation of liquid manure, amritpani, vermicompost etc. from DRCSC, she converted herself from semi-organic to fully organic farming in the last one year.



After getting agricultural advisories, she has used pheromone traps in her 3 bighas of paddy field areas to avoid insects like stem borer from ruining crops. After 4-5 weeks of rice plant sowing, she also noticed that the leaves of paddy fields became yellowish for the lack of nitrogen, thus she did spray by mixing cow urine and water in a ratio of 1:5 as per the advisory and after usage, the paddy fields become greenery and fresh as well.

From Mrs. Sing Sardar's end, we have also gotten some other positive feedbacks regarding weather forecast & agro-advisories and its effectiveness on fields as well. As per her, whenever there is a prediction on rainfall, they start to take precautions accordingly in cultivation and household work. Besides, after getting the agro advisories she prepares organic manures like compost tea which helps in growing plants faster, making them more nutritious as compared to the usage of chemical fertilizers. Also, she grows a nutrition garden of around 10 Katha (0.5 bigha) in the homestead land following the climate resilient techniques to supplement family nutrition, which also helps her to increase the family income. The use of neem oil and sticky papers (yellow & blue) helps her to protect vegetables from harmful insects.



“Information on weather prediction and recommended use of organic manure has helped us to reduce the cost of cultivation as compared to the earlier practices because most of the cost was incurred to buy chemical fertilizers and pesticides, additionally we will get fresh organically grown produced for us”, said Putuna.