

A. Success story of **Sri Prabir Debnath** - Soil Health Card Scheme under West Tripura District

1. Name of the farmer : Sri Prabir Debnath
2. Father's name : Lt. Rajmohan Debnath
3. Address : Vill : Nuanimura,
Indranagar,
AMC Ward No. 8,
PO: Indranagar,
West Tripura District.
PIN : 799006
4. Contact No. : 8794567702
5. Cultivable area : Under Agriculture : 1.00 hectare
Under Vegetable : 0.32 hectare

Sri Prabir Debnath is one of the progressive farmers of Nuanimura. He is traditionally a paddy grower. He uses high yielding varieties of paddy, chemical fertilizers and pesticides. Till 2014-15, he applied chemical fertilizers on the basis of his traditional knowledge without going for soil testing. He generally used N:P:K @ 120:60:30 which costs about Rs. 5314.00 per hectare. But one day, he attended an awareness camp on Soil testing and soil health card, organized by the local Agriculture Sector Office wherein the importance and need for soil testing etc. was discussed by the experts. Soil samples were collected from the participating farmers and were sent to the Soil testing laboratory. After 15 days, Sri Prabir Debnath found the local VLW at his doorstep with a Soil Health Card and explained about the fertility status of his land. The VLW also asked him to attend his office with the Card to take fertilizers according to the recommendation. The fertilizer dose for paddy came down to 80:40:40 kg per hectare which costs about Rs. 3905.00.

Due to judicious application of chemical fertilizers, based upon Soil Testing, Sri Debnath not only saved Rs. 1409.00 per hectare but it improved the soil health also. Besides those, he also applied organic manure in his paddy field. As a result, the productivity of rice increased from 2850 kg per hectare to 3120 kg per hectare.

Now, Sri Prabir Debnath has become role-model in his village for Soil Health Card based on the soil testing. He encourages the farmers of the locality to get their soil tested and obtain the Soil Health Card and apply chemical fertilizers as per the recommended dose only.



Sri Prabir Debnath-farmer (beneficiary of Soil Health Card Scheme)



Prabir Debnath with family members



Paddy field of Sri Prabir Debnath



Doing inter-cultural operations in the field.