



**REPORT  
ON  
UNIVERSAL SOIL HEALTH CARD  
PROGRAMME IN 2015-16**

**ORGANIZED BY**

**Rathindra Krishi Vigyan Kendra**

**Palli Siksha Bhavana**

**Visva-Bharati**

**Sriniketan, P. O. – Sriniketan,**

**Dist. - Birbhum, Pin. - 731236**

**West Bengal**

# Contents

<b>Sl. No.</b>	<b>Particulars</b>	<b>Page No.</b>
<b>01.</b>	<b>Report of Soil Health Day Programme held on 05.12.2015</b>	<b>1 – 7</b>
<b>02.</b>	<b>Details of Soil Analysis under Universal Soil Health Card Programme organized by the Rathindra KVK in 2015-16</b>	<b>7 - 8</b>

**I. Report of Soil Health Day Programme held on 05.12.2015 at the  
Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana,  
Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal**

Sl. No.	Name of KVK	Venue of the Programme	No. of Participants	No. of Soil Health Cards distributed	Name of public representative /or other dignitaries	Specific KVK wise highlights (2-3)
01.	Rathindra KVK, Birbhum	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	265	252	<p>1. Mr. Chandranath Sinha, Minister-in-Charge, Dept. of Fisheries, Govt. of West Bengal</p> <p>2. Mr. Bikash Roychowdhury, Sabhadhipati, Birbhum Zillah Parishad, Suri, Birbhum</p> <p>3. Prof. Sushanta Dattagupta, Vice-Chancellor, Visva-Bharati</p> <p>4. Prof. Swapan Kumar Datta, Pro-Vice-Chancellor, Visva-Bharati</p> <p>5. Prof. Subhendu Mondal, Provost, Science and Agriculture, Visva-Bharati</p> <p>6. Dr. Shyamal Kumar Mandal, Principal Scientist, ICAR-ATARI, Kolkata</p> <p>7. Prof. Sarthak Chowdhury, Principal, Palli Siksha Bhavana and In-Charge, Rathindra KVK, Visva-Bharati.</p>	<p>1. Detailed Soil Health Cards issued to Farmers is written in Bengali language and font mostly for easy understanding of the Cards.</p> <p>2. Detailed recommendations in the light of the results obtained from the soil analysis are also written in Bengali language and Bengali font for easy communication to the farmers.</p> <p>3. Two Extension literatures related with the Soil fertility, fertilizer application and improved package of practices of various crops were published by the distinguished Guest.</p>

**Gathering of the Farmers on the International Soil Day – 5<sup>th</sup>. December, 2015 organized by the Rathindra KVK, Birbhum, West Bengal at the Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum, West Bengal**



**Soil Health Card prepared by the Rathindra KVK, Birbhum, West Bengal was being handed over to a Farmer by the Minister-in-Charge, Dept. of Fisheries, Govt. of West Bengal, Mr. Chandranath Sinha at the Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum, West Bengal**



**Soil Health Card prepared by the Rathindra KVK, Birbhum, West Bengal was being handed over to a Farmer by Prof. Sushanta Dattagupta, Former Vice-Chancellor, Visva-Bharati at the Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum, West Bengal**



The International Day of Soil - 2015 was started along with the starting up of the registration of the participants at 08.00 AM on that day. The Inaugural Session of the Programme began from 10.30 AM through the Welcome Address delivered by Prof. Sarthak Chowdhury, Principal, Palli Siksha Bhavana, Visva-Bharati and In-Charge, Rathindra KVK, Visva-Bharati. Prof. Chowdhury reminded the audience about the thinkings and efforts of Rathindra Nath Tagore, after whose name the KVK was named, over a century back. The Special Address on this occasion was delivered by the Chief Guest of the occasion Minister-in-

Charge, Dept. of Fisheries, Govt. of West Bengal, Mr. Chandranath Sinha who lucidly flashed the importance and relevance of the International Day of Soil – 2015. Another Special Address was delivered by Mr. Bikash Roychowdhury, Sabhadhipati, Birbhum Zillah Parishad, Suri, Birbhum who emphasized the importance of the conservation of soil structure and chemical characteristics by the present generation farmers for sustainable use by the future generation. He lauded the efforts of the Rathindra KVK in improving the agriculture and related sectors activities in the District of Birbhum. The Presidential Address was delivered by Prof. Sushanta Dattagupta, the then Vice-Chancellor, Visva-Bharati who emphasized the urgency of the need of maintain soil health by the farming community. He gave historical instances of Rabindranath Tagore and Rathindra Nath Tagore giving due importance on maintain soil health over a century back. The renowned Scientist and the then Pro-Vice-Chancellor and present Vice-Chancellor of Visva-Bharati, Prof. Swapan Kumar Datta delivered a very attractive as well as interactive lecture on Soil Health Management in the Context of Recent Agricultural Practices. Prof. Subhendu Mondal, Provost, Science and Agriculture, Visva-Bharati tried to make the farmers aware about the importance of soil conservation practices giving instances of the long history of agricultural education in India especially at Visva-Bharati from the ages of Rabindranath Tagore and Rathindra Nath Tagore. Dr. Shyamal Kumar Mandal, Principal Scientist, ICAR-ATARI, Kolkata lauded the efforts of the Rathindra KVK in disseminating messages about the importance of the soil health and preparation and handing over the Soil Health cards to the farmers of the District of Birbhum.

After a short Tea Break, the Session from handing over the Soil Health Cards to the farmers was started from 12.15 PM. All the distinguished guests handed over the Soil Health Cards to the Farmers starting from the Minister-in-Charge, Dept. of Fisheries, Govt. of West Bengal, Mr. Chandranath Sinha, then Prof. Sushanta Dattagupta, the then Vice-Chancellor, Visva-Bharati and Mr. Bikash Roychowdhury, Sabhadhipati, Birbhum Zillah Parishad, Suri, Birbhum. All other renowned Guests also handed over the Soil Health Cards to the farmers. Altogether 252 (Two hundred fifty hundred two) farmers were handed over the Soil Health cards.

Dr. Dulal Chandra Manna, Programme Coordinator, Rathindra KVK, Palli Siksha Bhavana, Visva-Bharati gave the vote of thanks to all who has tried hard to make this Programme a success. The Programme came to an end at 3.00 PM.

## II. Details of Soil Analysis under Universal Soil Health Card Programme organized by the Rathindra KVK in 2015-16

### A. Activities performed by the Soil Testing Laboratory of the Rathindra KVK in 2015-

16

Sl. No.	Details	No. of Samples	No. of Farmers	No. of Villages	No. of CD Blocks	No. of Soil Samples collected by the State Dept. of Agriculture, Govt. of West Bengal and analyzed by the Rathindra KVK	No. of CD Blocks from where Soil Samples were collocated and sent by State Dept. of Agriculture, Govt. of West Bengal	Amount realized
01.	Parameters for Soil Analysis – pH., EC, Organic Carbon, Avail. N, Avail. P, Avail. K, Avail. S, Zn, B, Fe.	666	666	63	17	69 (Within the number of Total 666)	02	Free Analysis for OFT, FLD and Universal Soil Health card preparation for the International day of soil 5 <sup>th</sup> . December, 2015 programmes of the Rathindra KVK + Samples analyzed for the Sate Dept. + Rs. 2,200.00

### B. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1.	Mixer grinder Kenstar	2 nos.
2.	Refrigerator Whirlpool	2 nos.
3.	Stabilizer Fizi	2 nos.
4.	Shaker	1 no.
5.	Oven	1 no.
6.	Kelplus Elect Digestation System Model KES 08L	1 no.
7.	Kelplus Elect Distillation System Elite Ex	1 no.
8.	Systronics Micro controller based visible Spectrophotometer	2 nos.

9.	Systronics P-H system	2 nos.
10.	Systronics Digital Conductivity Meter	2 nos.
11.	Systronics Flame Photometer Type 128	2 nos.
12.	Hotplate with energy regulator	1 no.
13.	Glass Distillation apparatus flux	3 nos.
14.	Physical Balance Cap.250g with weight box	4 nos.
15.	Shimadzu Electronic Balance	2 nos.
16.	Kjeldal digestion unit	2 nos.
17.	Kjeldal distillation unit	2 nos.
18.	Soil Testing Mini-Lab Mridhaparikshak Solar Operated	1 no.
<b>Total</b>		<b>33 nos.</b>