Field Day - cum - Capacity Building programme under TSP organised by AICRP (STCR) at Perumatty and Pattancherry villages of Palakkad district

With a view to popularize the importance of soil test based balanced fertilizer application with STCR-IPNS approach for rice crop among the tribal farmers, a training programme cum field day was organized under Tribal Sub Plan of AICRP-STCR at Perumatty village of Palakkad district of Kerala on September 10, 2014. The capacity-building programme was attended by 119 farmers from the Perumatty and Pattancherry Panchayaths where the TSP under AICRP (STCR) is under progress.

In this program, Shri K. Suresh, President, Perumatty Grama Panchayath, Dr Pradip Dey, Project Coordinator, AICRP (STCR), ICAR – Indian Institute of Soil Science, Bhopal, Dr. I. Johnkutty, Associate Director of Research, Kerala Agricultural University, Dr. Betty Basin, Professor & Head (In-Charge), Department of Soil Science and Agril. Chemistry, Kerala Agricultural University, Smt. S. Sheeba Radhakrishnan, Vice President, Perumatty Grama Panchayath, Shri K. Narayanankutty, Chairman, Standing Committee-Development, Smt. R. Sharmila Rajan, Chairperson, Standing Committee-Welfare, Shri. V.K. Padmanabhanunni, Chairman, Standing Committee-Health & Education, Sri. Sivan. P., Member-Perumatty Grama Panchayath, Sri Satheesh. Agril. Assistant, Krishi Bhavana-Perumatty also participated and expressed their views on different aspects of soil testing and crop production. Dr. Betty Basin, Professor & Head (In-Charge), Department of Soil Science and Agril. Chemistry besides welcome address, highlighted the results of demonstrations conducted on tribal farmer’s fields on the aspect of soil test and yield goal based fertilizer application for rice crops. She enlightened the gathering about the Tribal Sub Plan which has been initiated by ICAR through AICRP (STCR).

Project Coordinator in his address emphasised the importance of fertiliser prescription equations developed under AICRP (STCR) under the aegis of ICAR. He also mentioned that ICAR is making effort to improve the livelihood of tribal farmers through the TSP programme and that farmers are the main stakeholders of any agricultural technology developed by the scientists. He also thanked the farmers for spending their valuable time by their active participation in the Field day cum Capacity Building programme and interaction and urged them to implement the lessons learnt in their own field. During field visit, farmers were trained on soil sample collection procedure. Mr. Visveswaran, S., Assistant Professor, AICRP (STCR)

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and Mr. Raveendran, K., Agricultural Officer (Retd.) narrated different aspect of crop production, nutrient management and crop protection aspects to the farmers. During interactive session, the farmers expressed that an awareness was created among them through the training and the field demonstrations and they thanked the Project Coordinator (STCR) and the scientists from Kerala for introducing the Tribal Sub Plan in their villages and for providing the technical guidance for improving their livelihood. During the occasion, a folder in Malayalam on *Akhilendia ekopitha gaveshana paddhathi mannuparisodhanayum vilayude prathikaranavum adisthanamakkiyulla valaprayogam (STCR-reethi) - Krishiyil sunischitha vilavu parishkaricha mannu parisodhanayiloode* (which means, All India Coordinated Research Project on Soil Test Crop Response (STCR-Method) - An Improved method of fertilizer recommendation for profitable yield) was released and distributed to the tribal farmers. During the occasion, an exhibition was arranged highlighting different aspects pertaining to soil fertility viz., procedure for collection of soil samples, nutrient deficiency symptoms and STCR-IPNS recommendations for various crops. Before the end of the training programme, Dr. Beena. V.I., Principal Investigator, AICRP (STCR) told the farmers on importance of soil test and yield target based balanced fertilization in enhancing crop yields and sustaining soil fertility through Integrated Plant Nutrition System. She mentioned that as on date, five STCR-IPNS demonstrations on rice are in progress and requested other farmers to observe the beneficial effects of STCR-IPNS recommendations in the crop growth and yield. She also proposed vote of thanks.

Visit to the farmers’ field was organized in the afternoon session. Project coordinator along with other dignitaries and STCR Staff reached the locations where tribal farmers are raising rice crops as per STCR technology. The farmers shared the experience of undertaking the rice cultivation by adopting scientific technologies. STCR team visited the rice fields of Shri Veluchami, Smt. Lekshmi, Shri Muthuvel, Shri Muthusami and Shri Manikandan residing at Kochikadu in Pattancherry Panchayath, Palakkad district.

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Field Day cum Capacity Building programme under TSP organised by AICRP (STCR) at Irularpathi tribal hamlet of Kandiyur village, Coimbatore district, Tamil Nadu

With a view to popularize the importance of soil test based balanced fertilizer application with STCR-IPNS approach for vegetable crops among the tribal farmers, a Capacity Building Programme - cum - field day was organized under Tribal Sub Plan of AICRP-STCR at Irularpathi tribal hamlet of Kandiyur village, Coimbatore district, Tamil Nadu on September 8, 2014. Seventy five tribal farmers participated in the programme. The beneficiary farmers participated in the programme were from nearby tribal hamlets also.

As part of the programme, field day was conducted in which all the participants were taken to the field demonstrations on STCR-IPNS technology for bhendi, radish and tomato which are in progress in Irularpathi itself. The beneficiaries interacted with the participants and explained about the benefits of STCR-IPNS technology. Subsequently, hands on training on the collection of soil and irrigation water samples were given to the tribal farmers by Dr.K.M.Sellamuthu, Assistant Professor (SS&AC), AICRP-STCR. This has created an awareness among the farmers.

During the training, an exhibition was arranged highlighting different aspects pertaining to soil fertility viz., procedure for collection of soil and irrigation water samples, nutrient deficiency symptoms, STCR-IPNS recommendations for various crops and highlights of STCR-IPNS demonstrations conducted at Tribal farmers' holdings of Coimbatore and Salem Districts. Dr.S.Maragatham, Assistant Professor (SS&AC-AICRP-STCR) explained the theme of the exhibition to the farmers and officials.

Subsequently, during the training, two tribal farmers, Thiru. M.Badhrasamy and Thiru. K. Maruthan shared their views. Dr.R.Natesan, Professor (SS&AC) besides welcome address, highlighted the importance of soil test and yield target based balanced fertilization in enhancing crop yields and sustaining soil fertility through Integrated Plant Nutrition System. He narrated the facilities for soil testing available in the Soil Testing and Technology Advisory Centre (SOTAC) of the Department of SS&AC, TNAU, Coimbatore. Dr. R. Santhi, Professor (SS & AC) and Centre - incharge (STCR) in her theme address explained about the STCR-IPNS technology. She enlightened the Tribal Sub Plan which has been initiated by ICAR through AICRP (STCR). She also told that the Project Coordinator, AICRP - STCR (IISS, Bhopal) who came all the way from Bhopal especially to meet the tribal farmers and to monitor the programme. She insisted the importance of soil testing and soil test and yield target based balanced fertilization and requested the farmers to adopt the technology for getting higher yield and profit. Based on the soil analytical report, the soils of Sadivayalpathi being acidic, exhibited P deficiency and that was timely identified and corrected by the scheme scientists while conducting field demonstrations. She has also mentioned that as on date, STCR-IPNS demonstrations on vegetable crops are in progress at Irularpathi itself and requested other farmers to observe the beneficial effect of STCR-IPNS recommendations in the crop

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growth and yield. Tmt. M. Tamilselvi, Assistant Director of Agriculture and Tmt. K. Premalatha, Assistant Director of Horticulture also gave information about the Government programmes from which tribal farmers can harness benefit. Dr. Pradip Dey, Project Coordinator, AICRP (STCR), ICAR – Indian Institute of Soil Science, Bhopal in his address emphasised the importance of fertiliser prescription equations developed under AICRP (STCR) under the aegis of ICAR. He also mentioned that ICAR is making effort to improve the livelihood of tribal farmers through the TSP programme and that farmers are the main stakeholders of any agricultural technology developed by the scientists. He also thanked the farmers for spending their valuable time by their active participation in the training and interaction. Dr. V. P. Duraisami, Special Officer (i/c), Directorate of Natural Resource Management released the booklet on “Soil Test and Yield Target based Balanced Fertilization for Horticultural crops” (in Tamil) and delivered the Presidential address. He narrated about the benefits of soil testing and about the fertiliser prescription equations for various crops developed by the AICRP-STCR centre at TNAU, Coimbatore and their benefits in improving the crop yield and soil fertility.

During interactive session, the farmers expressed that an awareness on soil sample collection, soil testing and soil test and target based fertilizer recommendations was created among them through the capacity building programme and the field demonstrations and they thanked the Project Coordinator (STCR) and the scientists from TNAU for introducing the Tribal Sub Plan in their village and for providing the technical guidance for improving their livelihood. At the end of the training programme, Dr. S. Maragatham, Assistant Professor (SS&AC), AICRP-STCR proposed vote of thanks.

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Field Day cum Capacity Building programme under TSP organised by AICRP (STCR) at Aturgaon village of Kanker district, Chhattisgarh

With a view to popularize the importance of soil test based balanced fertilizer application with STCR-IPNS approach for rice, potato, wheat, maize and chickpea crops among the tribal farmers, a training programme cum field day was organized under Tribal Sub Plan of AICRP-STCR at Kanker, Chhattisgarh on March 9, 2014. Fifty farmers from the tribal villages participated in the programme. The beneficiary farmers participated in the programme were from three tribal districts, i.e. 20 from Aturgaon village of Kanker district, 15 from Bhagdeva and Bade Bendri villages of Kondagaon district and 15 from Narayanpur, Sulenga and Karlakha villages of Narayanpur district.

In this program, Dr Pradip Dey, Project Coordinator, STCR, IISS, Bhopal, Dr VN Mishra, Principal Scientist and STCR centre Incharge, IGKV, Raipur, Dr L K Srivastava, Scientist STCR, Raipur, Dr Birbal Sahu, Program Coordinator, KVK-Kanker and Dr Subhash Yadav, Program Coordinator, KVK-Jagdalpur were present. Shri Manoj Sahu, Dr JK Tiwari, Dr RS Rajput SMS also participated and delivered lectures on different aspects of soil testing and crop production. Dr Birbal Sahu, Programme Coordinator, KVK-Kanker besides welcome address, highlighted the results of demonstrations conducted on tribal farmer's fields on the aspect of soil test and yield goal based fertilizer application for maize and wheat crops. Dr VN Mishra, Principal Scientist and Centre-in-Charge (STCR) in his theme address explained about the STCR-IPNS technology. He enlightened the Tribal Sub Plan which has been initiated by ICAR through AICRP (STCR). Dr Mishra addressed to the farmers on importance of soil test and yield target based balanced fertilization in enhancing crop yields and sustaining soil fertility through Integrated Plant Nutrition System. He mentioned that as on date, five STCR-IPNS demonstrations on maize and five on wheat are in progress at Aturgaon village itself and requested other farmers to observe the beneficial effect of STCR-IPNS recommendations in the crop growth and yield. Dr L K Srivastava, Scientist, STCR narrated on scientific soil sampling for soil testing and advised to the farmers to adopt the STCR technology for getting higher yield and profit.

Project Coordinator in his address emphasised the importance of fertiliser prescription equations developed under AICRP (STCR) under the aegis of ICAR. He also mentioned that ICAR is making effort to improve the livelihood of tribal farmers through the TSP programme and that farmers are the main stakeholders of any agricultural technology developed by the scientists. He also thanked the farmers for spending their valuable time by their active participation in the Field day cum Capacity Building programme and interaction and urged them to implement the lessons learnt in their own field. During interactive session, the farmers expressed that an awareness on soil sample collection, soil testing and soil test and target based fertilizer recommendations was created.

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among them through the training and the field demonstrations and they thanked the Project Coordinator (STCR) and the scientists from IGKV for introducing the Tribal Sub Plan in their villages and for providing the technical guidance for improving their livelihood. At the end of the training programme, Dr Birbal Sahu, Programme Coordinator, KVK-Kanker proposed formal vote of thanks.
Field Day cum Capacity Building programme under TSP organised by AICRP (STCR) at Rukunapur (Keonjhor block) and Balibandh villages (Jhumpura block) of Keonjhor district, Odisha

With a view to popularize the soil test based balanced fertilizer application with STCR approach for tomato, mustard crops in rabi season among the tribal farmers, a capacity building programme cum field day was organized under Tribal Sub Plan of AICRP-STCR at Rukunapur (Keonjhor block) and Balibandh villages (Jhumpura block) villages of Keonjhor district of Odisha on March 7, 2014. About sixty beneficiary farmers from the two tribal villages participated in the programme.

Dr Pradip Dey, Project Coordinator, STCR, IISS, Bhopal, Dr Antaryami Mishra, Professor and STCR Centre-in-charge, OUAT, Bhubaneswar, Dr Subashis Saren, Assistant Professor (STCR), Bhubaneswar, Shri UP Mahapatra, Village Agricultural Worker, Dr Jibanjit Sen, SMS (Soil Science), KVK-Keonjhor participated and interacted with the farmers. Dr Mishra highlighted the results of demonstrations conducted on tribal farmer’s fields on the aspect of soil test and yield goal based fertilizer application for tomato and mustard crops. Dr Mishra addressed to the farmers on importance of soil test and yield target based balanced fertilization in enhancing crop yields and sustaining soil fertility through Integrated Plant Nutrition System.

Project Coordinator in his address emphasised the importance of fertiliser prescription equations developed under AICRP (STCR) under the aegis of ICAR. He also mentioned that ICAR is making effort to improve the livelihood of tribal farmers through the TSP programme and that farmers are the main stakeholders of any agricultural technology developed by the scientists. He also thanked the farmers for spending their valuable time by their active participation in the Field day cum Capacity Building programme and interaction and urged them to implement the lessons learnt in their own field. During interactive session, the farmers expressed that an awareness on soil sample collection, soil testing and soil test and target based fertilizer recommendations was created among them through the the field demonstrations and they thanked the Project Coordinator (STCR) and the Scientists from OUAT for introducing the Tribal Sub Plan in their villages and for providing the technical guidance for improving their livelihood.

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Field Day cum Capacity Building programme under TSP organised by AICRP (STCR) at Nagarabera village, Block Angara, Jharkhand

With a view to popularize the soil test based balanced fertilisation of crops among the tribal farmers a Field Day cum Capacity Building programme was organised under Tribal Sub Plan of AICRP-STCR at Nagarabera village, Angara block, Jharkhand on January 11, 2014. About 40 farmers participated in the programme. During the programme, different aspects pertaining to soil fertility, viz., procedure for collection of soil samples, nutrient deficiency symptoms and fertiliser recommendations for various crops were discussed. Dr. B. Kumar, Cente-in-Charge, AICRP (STCR) of Birsa Agricultural University (BAU) explained the theme of the Field day cum Capacity Building programme.

Subsequently, during the Capacity Building programme, Dr.BK Agarwal, Professor (SS&AC), BAU besides welcome address, highlighted the importance of soil test and yield target based balanced fertilization in enhancing crop yields and sustaining soil fertility through Integrated Plant Nutrition System.

Project Coordinator in his address emphasised the importance of fertiliser prescription equations developed under AICRP (STCR) under the aegis of ICAR. He also mentioned that ICAR is making effort to improve the livelihood of tribal farmers through the TSP programme and that farmers are the main stakeholders of any agricultural technology developed by the scientists. He also thanked the farmers for spending their valuable time by their active participation in the Field day cum Capacity Building programme and interaction and urged them to implement the lessons learnt in their own field. Dr. DK Shahi, Head (SS&AC), BAU delivered the Presidential address. He also told that the Project Coordinator, AICRP (STCR) who came all the way from Bhopal especially to interact with the tribal farmers and to monitor the programme. He narrated about the benefits of soil testing in improving the crop yield and soil fertility.

During interactive session in the field, the farmers expressed that an awareness on soil sample collection, soil testing and soil test based fertilizer recommendations was created among them through the field demonstrations and they thanked the Project Coordinator (STCR) and the scientists from BAU for introducing the Tribal Sub Plan in their village and for providing the technical guidance for improving their livelihood. Dr PK Singh, Chief Scientist (Entomology) of AICRP (MULLaRP) also participated for providing answers to the query of the farmers related to pest problems. Gram Pradhan Shri Dutilal Bedia expressed his deep sense of gratitude for conducting demonstrations under TSP fund of AICRP (STCR) and holding Field Day cum-Capacity Building Programme in such an interior area as Nagarabera.

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Field Day cum Capacity Building programme under TSP organised by AICRP (STCR) at CRIJAF, Barrackpore, West Bengal

With a view to popularize the soil test based balanced fertilisation of crops among the tribal farmers a Field Day cum Capacity Building programme under Tribal Sub Plan of AICRP-STCR was organised at CRIJAF, Barrackpore on November 18-20, 2013. Twenty-six tribal farmers belonging to Adhghara and Haringhata participated in the training programme. During the programme, leactures related to different aspects pertaining to soil fertility viz., procedure for collection of soil samplea, nutrient deficiency symptoms and fertiliser recommendations were organised. Also all aspects of cultivation of jute were covered through interactive sessions. Dr. Amit Saha, Cente-in-Charge explained the theme of the Training programme. In the inaugural session, Head, Crop Production Division and Crop Improvement division also spoke about various issues of jute cultivation.

Project Coordinator in his address emphasised the importance of fertiliser prescription equations developed under AICRP (STCR) under the aegis of ICAR. He also mentioned that ICAR is making effort to improve the livelihood of tribal farmers through the TSP programme and that farmers are the main stakeholders of any agricultural technology developed by the scientists. He also thanked the farmers for spending their valuable time by their active participation in the training and interaction. Dr. Satpathy, Director, CRIJAF delivered the Presidential address. He also told that the Project Coordinator, AICRP - STCR (IISS, Bhopal) who came all the way from Bhopal especially to interact with the tribal farmers and to monitor the programme.He narrated about the benefits of soil testing in improving the crop yield and soil fertility.

During field interactive session, the farmers expressed that an awareness on soil sample collection, soil testing and soil test based fertilizer recommendations was created among them through the field demonstrations and they thanked the Project Coordinator (STCR) and the scientists from CRIJAF for introducing the Tribal Sub Plan in their village and for providing the technical guidance for improving their livelihood. Tribal farmers expressed his deep sense of gratitude for conducting training programme under TSP fund of AICRP (STCR).


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Training programme under TSP organised by AICRP (STCR) at Sadivayalpathi village, Tamil Nadu

With a view to popularize the soil test and yield target based balanced fertilisation of crops among the tribal farmers a training programme on Soil Test and Yield Target based Balanced Fertilisation for crops under Tribal Sub Plan of AICRP-STCR was organised at Sadivayalpathi village, Thondamuthur block, Coimbatore on July 21, 2013. About 50 farmers from the tribal village (Sadivayalpathi) have participated in the programme. During the training, an exhibition was arranged highlighting different aspects pertaining to soil fertility viz., procedure for collection of soil and irrigation water samples, nutrient deficiency symptoms, STCR-IPNS recommendations for various crops and highlights of STCR-IPNS demonstrations conducted at Tribal farmers’ holdings of Coimbatore and Salem Districts. Dr.K.M.Sellamuthu, Assistant Professor (SS&AC-AICRP-STCR) explained the theme of the exhibition to the farmers and officials.

Subsequently, during the training, Dr.R. Natesan, Professor and Head (SSAC) besides welcome address, highlighted the importance of soil test and yield target based balanced fertilization in enhancing crop yields and sustaining soil fertility through Integrated Plant Nutrition System. Dr. R. Santhi, Professor (SS & AC) and Centre-incharge (STCR) in her theme address explained about the STCR-IPNS technology. She enlightened the Tribal Sub Plan which has been initiated by ICAR through AICRP (STCR). She also told that the Project Coordinator, AICRP - STCR (IISS, Bhopal) who came all the way from Bhopal especially to meet the tribal farmers and to monitor the programme. She insisted the importance of soil testing and soil test and yield target based balanced fertilization and requested the farmers to adopt the technology for getting higher yield and profit. Based on the soil analytical report, the soils of Sadivayalpathi being acidic, exhibited P deficiency and that was timely identified and corrected by the scheme scientists. She has also mentioned that as on date, three STCR-IPNS demonstrations on maize and one on gingelly are in progress at Sadivayalpathi village itself and requested other farmers to observe the beneficial effect of STCR-IPNS recommendations in the crop growth and yield. Project Coordinator in his address emphasised the importance of fertiliser prescription equations developed under AICRP (STCR) under the aegis of ICAR. He also mentioned that ICAR is making effort to improve the livelihood of tribal farmers through the TSP programme and that farmers are the main stakeholders of any agricultural technology developed by the scientists. He also thanked the farmers for spending their valuable time by their active participation in the training and interaction. Dr. V.P Duraisami, Special Officer (i/c), Directorate of Natural Resource Management released the booklet on “Soil Test and Yield Target based Balanced Fertilization for Cereals and Millets” (in Tamil) and delivered the Presidential address. He narrated about the benefits of soil testing and about the fertiliser prescription equations for various crops developed by the AICRP-STCR centre at TNAU, Coimbatore and their benefits in improving the crop yield and soil fertility.

During interactive session, the farmers expressed that an awareness on soil sample collection, soil testing and soil test and target based fertilizer recommendations was created among them through the training and the field demonstrations and they thanked the Project Coordinator (STCR) and the scientists from TNAU for introducing the

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Tribal Sub Plan in their village and for providing the technical guidance for improving their livelihood. At the end of the training programme, Dr. S. Maragatham, Assistant Professor (SS&AC- AICRP-STCR) proposed vote of thanks.

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