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संवादपत्र

Issue - 10 (January 2018 to June 2018)

NEWSLETTER



21st SAC Meeting of KVK



Webcast of Krishi Unnati Mela



Kisan Kalyan Divas



Visit of Hon. Shri Shripad Naik



Vermicompost unit at Rajbhavan, Goa



Celebration of Honey Bee Day



Krishi Mohotsav - 2018



From
Programme Coordinator's Desk ...

Soil testing refers to the analysis of a soil sample to determine nutrient content, composition, and other characteristics such as the acidity or pH level. A soil test can determine fertility, or the expected growth potential of the soil which indicates nutrient deficiencies, potential toxicities from excessive fertility and inhibitions from the presence of non-essential trace minerals.

Importance of Soil testing

1. Soil fertility is assessed by soil testing.
2. High dose of Chemical fertilizers are being used by the farmers to increase production of various hybrid varieties of crops.
3. If farmers can use the balanced dose of fertilizer for crop production then unnecessary financial loss can be avoided.
4. Soil testing can be useful to maintain the soil health. To know the soil fertility, periodically soil testing is necessary.
5. Ph status (Acidic or base) of the field can be known by soil testing. Appropriate use of fertilizer for crop production can be recommended on the basis of Ph value of soil.
6. Soil testing categorize the soil in to various categories such as Saline, Alkaline or Mineral soils. The farmers can be advised to convert such soils in to normal soils.

Objective of Soil Testing

1. To prepare fertility map of specific area such as Block or Micro watershed, etc based on soil testing report. This will help in advocating appropriate cropping system in the said area.
2. To make certain specific cropping system more economically viable with respect to crop production.
3. To stop indiscriminate use of fertilizer.
4. Appropriate fertilizer doses can be recommended on the basis of soil testing.
5. To identify the quantity of organic carbon in the soil is one of the major objective of soil testing, because growth of crop & availability of nutrients are based on organic carbon. The ratio of organic carbon & nitrogen is 10-12:1. The propagation of useful bacteria also depends on it.
6. Soil testing recommends the ingredient required to reclaim the acidic soil or saline soils etc.
7. The deficiency of micro element like Zinc, Copper, Boron, Molybdenum, Iron, Cobalt, Silicon, Manganese & Chlorine etc.. also adversely affect the crop condition & ultimately the production. The estimation of above micro nutrient status and recommendation will help to overcome the problem.

Our KVK is also providing the service of soil testing and soil health card for the benefit of the farmers.

TRAINING DETAILS

Training on Beekeeping

KVK organized a Beekeeping programme on 17/02/2018. Dr. E B Chakurkar, Director, ICAR - CCARI, inaugurated the programme and in his address spoke on the importance of honey in our health and honey bees in pollination. Mr. H R C Prabhu, PC, KVK and Mr. Suprajit Raikar during technical sessions covered the topics like types of bees, management of colonies, harvesting of honey and marketing. During the practical session handling of the colony was demonstrated to the participants. The programme was attended by 32 participants.



Integrated pest management in Arecanut and Cashew

A training programme on the management of fruit rot in arecanut was organized at Cuncolim, Priol, on 04/06/18 and Cashew Stem and Root Borer management was organized at Pirna, Bardez on 14-02-2018. Mr. H. R. C. Prabhu, explained the symptoms and management strategies. A demonstration on Bordeaux mixture preparation was done in arecaut and the mechanical extraction of larva and spraying of chloropyriphos @ 10ml/L was demonstrated in cashew. Total 30 and 19 farmers took the benefit of the demonstration respectively.



Training on Vermicomposting

As part of World Environment Day with a theme-Beat the plastic pollution, KVK organized a training and demonstration on Vermocomposting. Mr. H. R. C. Prabhu, explained the procedure to convert biodegradable waste into a good manure using earthworms. During practical demo different stages in filling the compost pit was shown. At the end of the programme vermicompost and earthworms were supplied to the participants.



TRAINING DETAILS

Training on New Technologies in Agriculture and Cashew Processing for ATMA, Ratnagiri

A five day training on New Technologies in Agriculture and Cashew Processing was organized to the farmers from Ratnagiri District, Maharashtra, in collaboration with ATMA, Ratnagiri, during 5th -9th March, 2018. The programme was inaugurated by Dr. E. B. Chakurkar, Director, ICAR-CCARI, and in his address explained the importance of modern technologies in increasing the productivity, value addition and marketing strategies. Dr. A. R. Desai, Principal Scientist Dr. Arunachalam, Principal Scientist, Dr. Thangam, Principal Scientist, Mr. H. R. C. Prabhu, Programme Coordinator, Dr. Sanjaykumar Udharwar, Subject Matter Specialist (Animal Science) and Mr. Shashi Viswakarma, Technical Officer, were the resource persons during lectures and field visits. The participants were taken to cashew processing units of Mr. Vinod Bharve, Satode, Sattari and Mr. Makarand Marate. These processors shared their experiences among the trainees. They also visited Laxminarayan Cashew Industries, Savoiverem and Ajanta Cashew industries, Priol, interacted with Mr. Vijaykumar Savoikar regarding drum roasting and with Mr. A. S. Kamath on automatic cashew processing and export. The training was attended by 35 farmers.



Low Cost Nutrition Recipes

Training programme was conducted at KVK on low cost nutrition recipes in which participants from Self help Groups, Keri, Veiling and Savoiverem village attended. Demonstration of nutritious missal was shown to the participants.



Training on Nutrition Garden

A was conducted to the Self Help Group from Surla village. Vegetable seeds of chilli, tomato, brinjal were given to the participants and demonstration of vermicomposting was shown to the participants. One vermicompost unit was given to the self help group from this village. 10 ladies attended the programme.



TRAINING DETAILS

Training on Jackfruit processing

Four Jackfruit processing training programme was organized. Under TSP at ICAR Agro café in which 35 participants attended the training from Surla, Priol village. In collaboration with ATMA, North Goa. Two On campus training conducted at KVK. 47 participants attended. Under TSP. 40 participants attended the training. Different value added products like jackfruit papad, pickle, halwa, leather, chips were demonstrated to the participants.



Training on Value addition

Lecture cum demonstration was held at Don Bosco College of Agriculture, Sulcorne in which 107 students participated. Different value added products were demonstrated to the participants.



Production of Virgin Coconut Oil

10 participants attended training on production of virgin coconut oil and value added products of coconut at KVK campus. Use of VCO processing machinery was demonstrated to the participants and other value added products of coconut residue like chutney and chocolate was demonstrated.



TRAINING DETAILS

EDP Training on Scientific Dairy Farming

Two EDP Training of three days on "Scientific Goat farming" was organised by KVK from 1st to 3rd February 2018 and 28th to 30th June 2018. Dr. Udharwar Sanjaykumar, SMS (Animal Science) has given lectures on importance and economics of goat farming. He has practically demonstrated different tree leaves and fodders required for goats and demonstrated determination of age in goats, castration in male kids, various medicines (vaccines, deworming medicines) required in the treatment of goats. He suggested farmers to maintain Konkani Kanyal goats which gives twins per delivery and gives sure income to the farmers and well suits for Integrated Farming System of Goa. Dr. Chetankumar H.B. Scientist gave lectures on housing of goat. Dr. Susitha Rajkumar, Scientist (Animal Science) has given lecture on healthcare management of goats. Dr. Shivasharanappa Naikwade, Scientist (Animal Science) has given lecture on importance of nutrition in goats and presented the detail performance of Konkani Kanyal Goat, which is attaining 30kilo weights at the age of 6 -7 months. Dr. Gokuldas P.P, Scientist (Animal Science) has given lecture on reproductive management of goats. Dr. Nibedita Nayak Scientist briefed on scientific feeding of goats. Dr. Silpa, JRF (Animal Science) has given lecture on Housing and Hygienic practices to be followed in Goat Farming and focused importance of Raised Flat form shed for goats in Goa.. Dr.E.B.Chakurkar , Director ICAR CCARI spoke on breeding management of goats and advised farmers to start value addition products of goat meat and milk for profitable goat farming. Mr. H. R. C. Prabhu, Programme Coordinator Incharge advised farmers to keep Konkani Kanyal goats in existing agricultural and horticulture farming system to make profitable in integrated farming system. Total of 19 and 37 farmers participants from different places of Goa and Maharashtra participated in this training programme



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Vermiocomposting unit at Rajbhavan, Goa

A vermicompost unit was inaugurated by Smt. Mrudula Sinha, Hon'ble Governor, Goa, on 12/03/2018. The technical guidance was given by ICAR - Krishi Vigyan Kendra, North Goa, ICAR-CCARI, Goa. In the beginning Mr. H. R. C. Prabhu, Programme Coordinator and Mr. Shashi Viswakarma, Technical Officer, explained the different stages in filling the vermi pit and later on earthworms were released by the Hon'ble Governor, Goa. The programme was attended by the Secretary, Joint Secretary and all staff from Rajbhavan, Goa.



OTHER ACTIVITIES

KVK Conference-2018 at New Delhi

Tenth National Conference of KVKs-2018 was held at IARI Campus, New Delhi, during 16th -17th March, 2018. The theme of the conference was, Technology for Doubling Farmers' Income. Mr. H. R. Chidananda Prabhu, Programme Coordinator, KVK-North Goa, participated in the programme. The conference was inaugurated by Dr. T. Mahapatra, Secretary (DARE) & DG (ICAR) in the presence of Shri. C. Roul, Special Secretary (DARE) & Secretary, ICAR. Dr. A. K. Singh, DDG (AE), briefed about the conference. There were 5 technical sessions and also presentations by award winning KVKs. On 17/03/2018, Shri. Narendra Modi ji, Hon'ble Prime Minister of India, laid the foundation stones of 25 KVKs spread across the country and also inaugurated the Krishi Unnati Mela-2018. He also addressed the farmers all over the country through webcasting/ live telecast. In the Krishi Unnati Mela, there were more than 800 stalls represented by, ICAR institutes, SAUs, Coconut board, Spice board etc... and input dealers. ICAR-CCARI, showcased the technologies developed by the institute for benefit of the farmers and was appreciated by all visitors. The plenary session of the conference was chaired by, Shri. Radha Mohan Singh ji, Hon'ble Minister of Agriculture & Farmers Welfare and also released publications. The plenary address was by Shri. Gajendra Singh Shekhawat, Hon'ble Minister of state for Agriculture & Farmers Welfare and appreciated the role KVKs in transfer of technology. Dr. V. P. Chahal, ADG (AE), proposed vote of thanks.



World Honey Bee Day

As a part of World Honey Bee Day celebration on 20th May 2018, a training programme was organized on Beekeeping to create awareness on the importance of Honeybees. Mr. H. R. C. Prabhu, Programme Coordinator I/C and Mr. Suprajit Raikar were the resource persons for the programme and covered topics-types of bees, their management during honey flow period, during monsoon, pests and disease, their management, etc. During the practical session handling of the bees was demonstrated to the participants. A total of 27 persons attended the programme.



Webcast of PM's Interaction with farmers

The Webcast of Prime Minister's Interaction with farmers was viewed by the farmers from different villages of North Goa at our KVK. The farmers were very happy to see the interaction directly with the farmers from different states. The programme was attended by 35 farmers.



OTHER ACTIVITIES

Krishi Unnati Mela, IARI, New Delhi

Hon. Prime Minister, Shri Narendra Modi's address from Krishi Unnati Mela, IARI, New Delhi was webcasted and Scientist Farmers Interactive Meeting. ICAR - Krishi Vigyan Kendra, North Goa, ICAR - CCARI, Goa organized "Scientist Farmers Interactive Meeting" on 17th March, 2018. The programme was chaired by Dr. Pramod Sawant, Hon Speaker of the Goa Legislative Assembly, Government of Goa, as Chief Guest, Dr. A. R. Desai, Director In-charge, ICAR - Central Coastal Agricultural Research Institute, Goa, Shri Sanjeev Mayekar, Project Director, ATMA, North Goa. Hon. Prime Minister, Shri Narendra Modi's address from Krishi Unnati Mela, IARI, New Delhi was webcasted. Hon. Prime Minister has given more stress on technologies to be implemented in the agriculture for doubling the farmers income by 2022. Dr. Pramod Sawant, Hon Speaker of the Goa Legislative Assembly, Government of Goa, addressed the gathering on value addition through food processing specially in cashew and jackfruit, mechanization in agriculture and allied sector, integrated farming system, Government support for agriculture and allied sector. Dr. Gopal Mahajan, Scientist, Soil Science, ICAR - CCARI, Goa gave lecture on "Soil Test Based Fertilizer Application". Dr. Sanjay Udharwar, Programme coordinator Incharge, ICAR - KVK, North Goa proposed vote of thanks. The Programme was compered by Shri Rahul Kulkarni, Senior Technical Officer, Soil Science Division, ICAR - CCARI, Goa. The programme was attended by all line department, Department of Agriculture, ATMA - North Goa. The programme was attended by more than 150 participants from Bardez, Tiswadi, Valpoi, Sattari and Pernem. Shri Sidharth Marathe, Senior Technical Officer, PME cell, ICAR - CCARI, Goa took the farmers for Exposure Visit to ICAR institute.



Review of KVK activities by Shri. Sripad Y. Naikji

KVK activities for the year 2014-17 were reviewed by Shri. Sripad Y. Naikji, Hon'ble Union Minister of State, Ministry of AYUSH on 18/06/2018. In his address appreciated the efforts of KVK in transferring modern technologies for the benefit of farmers. He also interacted with the progressive farmers and taken the feedback about the efforts made by KVK in technology dissemination. A publication-'KVK at Glance', was released during the programme. Dr. E. B. Chakurkar, Director, ICAR-CCARI, in his welcome address briefed on the activities of ICAR-CCARI and KVK. He also informed about the newly released varieties of cashew-Goa cashew-1,2,3 and 4, Goa-Dhan-1, Goa-Dhan-2 in rice. Mr. H. R. C. Prabhu, Programme Coordinator I/C, made a presentation on KVK activities. Smt. Sunetra Talaulikar proposed vote of thanks. Later on minister visited the virgin coconut oil production unit.



OTHER ACTIVITIES

Celebration of Kisan Kalayan Divas

KVK participated in the Kisan Kalyan Karyashalas organized by ATMA-North at, Dhave-Sattari, Diwar-Tiswadi, Sal-Bicholim, Nachinola-Bardez, Pali-Sakhlm, on 02/05/18. During the programme, the objective-Doubling the Farmer's income by 2022 was explained to the participating farmers. At Dhave, Sattari, Smt. Gopika Gaonkar, Panch, Dhave Panchayath, was the Chief Guest of the Kisan Kalyan Karyashala. Sri. H.R.C. Prabhu, Programme Coordinator I/C, spoke on the new technologies developed by ICAR-CCARI. Sri. Prakash Raut, Zonal Agriculture Officer, Sattari, briefed on the different schemes in agriculture. Dr. Shirish Betkikar, Dept. AH&VS, explained the Animal Husbandry schemes. The programme was attended by Sri. Arjun Naik, Agri. Marketing Board, Sri. Ramachandra Desai, BDO office, and Sri. Ramesh Joshi, Member, Block Farmers Advisory Committee. Mushroom cultivation demonstration was also done for the benefit of farmers. The programme was attended by 50 farmers. At Nachinola, Bardez, Shri. Glenn Ticlo, H'ble MLA, Aldona, was chief guest of the programme. Shri Nelson Figueiredo, Director of Agriculture addressed the gathering and advised farmers on various schemes of Agriculture Department. Dr. Udhwar Sanjaykumar, SMS (Animal Science) gave lecture on "Scientific Management of backyard poultry and piggery". The Karyashala was attended by officials of Dept. of Animal husbandry and veterinary services, officials of Mechanica Cultivation Office, Grampanchayat Sarpanch, other Panch members and Secretary. A total of 55 farmers attended the Karyashala. At Sal, Bicholim, Shri. Prakash Raut, Sarpanch, Sal Gram Panchayat was chief guest of the programme. Shri Nelson Figueiredo, Director of Agriculture addressed the gathering and advised farmers on various schemes of Agriculture Department. Dr. Udhwar Sanjaykumar, SMS (Animal Science) gave lecture on "Scientific Management of Dairy" and advised farmers regarding preparation of Silage, Azolla and cultivation of Hybrid Napier fodder. The Karyashala was attended by officials of Dept. of Animal husbandry and veterinary services, Dept. of fisheries and panch members. A total of 51 farmers participated in the Karyashala. At Diwar, Tiswadi, Mr. Rupesh Kabli, Asst. Agri. officer, ZAO, Tiswadi, explained the different schemes in Agriculture. Sri. Shashi Viswakarma, Technical Officer, KVK, spoke on the importance of soil testing and nutrient management in different crops. The programme was attended by line departments-Animal husbandry, Panchayath. The karyashala was attended by 17 farmers. At Pali, Sakhlm, Mr. Kishor Bhavé, Zonal Agriculture Officer, Sakhlm, advised the farmers to make use of different schemes in agriculture towards doubling their income by 2022. Sri. Govind Parab, Asst. Agril. Officer described the schemes. Sri. Shashi Viswakarma, Technical Officer, KVK, spoke on the new technologies developed by ICAR-CCARI and the importance of soil testing and nutrient management in different crops. The karyashala was attended by Panch and Sarpanch of the village. 38 farmers



EXHIBITION STALLS



Exhibition at
Balli village



Exhibition at Science
Fiesta, Goa Science Centre



Community Mela
at Kundai Village



Krishi Mahotsav-18
at Ravindra Bhavan, Madgao



Exhibition at
Konkan Fruit Festival, Panaji



Exhibition at
Biodiversity, Margao



Exhibition at
Krishi Mohotsav – Sakhali

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