

संवादपत्र NEWSLETTER

Issue - 8 (January 2017 to June 2017)



Annual Review Workshop 2017
of ICAR - KVK



Inauguration of
VCO Processing Unit



Pre- Rabi Meeting 2017



From
Programme Coordinator's Desk

Integrated farming system is a commonly and broadly used word to explain a more integrated approach to farming as compared to existing monoculture approaches. It refers to agricultural systems that integrate livestock and crop production.

The present day farmers concentrate mainly on crop production which is subjected to a high risk of uncertainty in income and employment to the farmers. In this regard, it is very much essential to evolve suitable strategies for increasing the farm income in a sustainable manner.

Integration of different available agricultural enterprises viz., cropping-field crops, Horticultural crops, animal husbandry-dairy, poultry, piggery, goatery, fishery, forestry etc. have great potentialities in the agricultural economy. These enterprises not only supplement the income of the farmers but also help in increasing the family employment generation. The advantages of this system are, (i) The integrated farming system approach introduces a change in the farming techniques for maximum production in the cropping pattern and takes care of optimal utilization of resources. (ii) The farm wastes are better recycled for productive purposes in the integrated system. (iii) A judicious mix of agricultural enterprises like dairy, poultry, piggery, fishery, sericulture etc. suited to the given agro-climatic conditions and socio-economic status of the farmers would bring prosperity in the farming.



NORTH GOA
"Serving Farming Community of Goa"

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Special Events

Annual Review Workshop 2017 of ICAR - KVK

Annual Review Workshop of KVKs under Agricultural Technology Application Research Institute (ATARI), Bengaluru was inaugurated by Shri Vijay Sardesai, Hon. Minister of Agriculture, Govt. of Goa, on 04th May, 2017. Dr. E. B. Chakurkar, Director, ICAR - Central Coastal Agricultural Research Institute, Old Goa Dr. M. J. Chandre Gowda, Principal Scientist, ATARI, Bengaluru, Dr. Lakhan Singh, Director, ATARI, Pune, Mr. H. R. C. Prabhu, Programme Coordinator Incharge, ICAR- KVK - North Goa spoke during the inaugural session. In workshop work done by KVKs during 2016-17 was presented. 80 KVKs from Karnataka, Tamil Nadu, Kerala, Puducherry, Goa and Lakshdeep participated. Technical sessions were chaired by Director of Extension from University of Agriculture Sciences - Raichur, Dharwad, Bengaluru & University of Horticulture Sciences, Bagalkot, University of Agriculture and Horticulture Sciences - Shivamogga, Tamil Nadu Agriculture University - Coimbatore, TANUAS and Kerala University. The Workshop concluded in a valedictory function on 6th May 2017. Dr. A. K. Singh, Deputy Director General (Agricultural Extension), ICAR, New Delhi was the chief guest for the valedictory function Dr. E. B. Chakurkar, Director, ICAR - Central Coastal Agricultural Research Institute, Old Goa, Dr. Sreenath Dixit, Director, ICAR-ATARI, Bengaluru, Dr. Y.G. Prasad, Director, ICAR-ATARI, Hyderabad and Dr. Lakhan Singh, Director, ICAR-ATARI, Pune gave concluding remarks.

Dr. A. K. Singh, Deputy Director General (Agricultural Extension), ICAR, New Delhi, in his address, greeted the participants for the work done. He emphasized on many issues like creating awareness about ICAR programmes like AARYA among youth, use of KVK portal for wider dissemination of technologies and submission of success stories, documentation of the farmer's innovations and scientific refinements to it, etc. He further expressed that, to improve the income of a farmers sustainably, diversification of the existing farming practices is one of the viable options. On the occasion, the technical bulletin on "Rice based integrated farming systems for lowland agroecosystem of Goa" published by ICAR-CCARI, Old Goa was released by Dr. A. K. Singh, Deputy Director General (Agricultural Extension), ICAR, New Delhi.



Inauguration of VCO Production Unit

Virgin Coconut Oil production unit was inaugurated at ICAR - KVK, North Goa on 05th May, 2017 by Dr. A.K.Singh, Deputy Director General (Agricultural Extension) ICAR, New Delhi. The establishment of unit was funded by RKVY.

As Coconut is an important crop of Goa and being used every day in Goan diet. Technology on post harvest and value addition on coconut was a need of the hour. Coconut Oil is a rich source of medium chain triglyceride which are beneficial for human health and nutrition. Virgin Coconut Oil is unique among all other vegetable oils because of its high lauric acid content. This oil is used as an ingredient in functional foods besides being used as nutraceuticals, cosmetics and industrial use. In recent years awareness on health and dietary practices is increasing everyday and

knowing the importance of this oil for medicinal purpose KVK offers EDP on production of Virgin Coconut Oil. Technology as it is gaining popularity globally.

Rabi Meeting

Rabi meeting was organized at KVK on 18/02/2017. Mr.H.R.C.Prabhu, Programme Coordinator I/C, in his welcome address briefed on the purpose of the meeting, review the programmes at the villages, exposure to the activities of the KVK and the institute and also to interact with Scientists. Dr. E.B.Chakurkar, Director, ICAR- CCARI, in his address spoke on the importance of adopting the modern technologies for doubling the income of the farmers in next 5 years. He also stressed on the use of cow urine in pest management of different crops. Mrs. Sunetra Talaulikar, Subject Matter Specialist (Home Science) gave work done report of Surla village while Dr. Sanjay Kumar Udharwar, Subject Matter Specialist (Animal Science) gave report of KVK activities at Ibrampur village and lecture on “Silage in dairy”. Coconut, mango plants and dairy medicinal kits were distributed to the farmers. Dr. Maruthadurai, Scientist (Entomology) and Ms. Maneesha, Scientist (Horticulture) also interacted with farmers. Later on farmers were taken for field visit at KVK and institute. In all 65 farmers from Ibrampur, Surla, Pilar, Taleigao and Betki villages participated in the meeting. Mrs. Sunetra Talaulikar proposed vote of thanks.



Awareness programme on Rabies

An awareness lecture on rabies was organized on 28th June 2017 for the staff of ICAR –CCARI, Old Goa. Dr. Eknath Chakurkar, Director, ICAR-CCARI, in his welcome address told the zoonotic importance of Rabies and its severity in the animals and human beings. He also spoke on the importance of post bite vaccination in case of dog bite. He felicitated all the team members of Mission rabies and World Veterinary Services (WVS), Assagaon, for arranging Animal Birth control and anti rabies vaccination camp for 3 weeks at Krishi Vigyan Kendra Campus. Dr. Karlette Anne Fernandes, Clinical Director of WVS delivered a lecture on Rabies in detail and the work done by their NGO under Mission Rabies programme in Goa.



The whole rabies camp was coordinated by Dr. Udharwar Sanjaykumar, SMS (Animal Science) and also compered this programme. In more than 210 dogs from ICAR campus and nearby old Goa, Corlim and Carambolim villages were operated for Animal Birth Control and vaccinated. Mr. H.R.C. Prabhu, Programme Coordinator- Krishi Vigyan Kendra, North Goa, proposed vote of thanks and invited Mission Rabies team to do such camps in future at KVK campus. A total of 60 staff members attended to this programme.

Trainings Conducted

Training on Jackfruit Processing

Goa is a small coastal state of India with abundant wealth of native fruits like Jackfruit, Kokum, Jamun, and Karonda.....etc. Those fruits are neglected and are not utilized for income generation. There are ample opportunities for value addition and post harvest technologies of these fruits for small and marginal farmers to become an entrepreneur. Under the guidance of Smt. Sunetra Talaulikar, SMS (Home Science) KVK has standardized different value added products of local preference and farm women are motivated to take up this as an enterprise for their livelihood security. Capacity building programmes are organized at KVK North Goa in which skill oriented hands on training are imparted on value addition. KVK in association with ATAMA –North Goa arranged training for the master trainers selected by ATAMA North in different talukas of North Goa for wide spread of this technology and to bring awareness among farm women on value addition for income generation. Different value added products which can be easily prepared were demonstrated like chips, pickle pulp, leather, papad, jam, squash, seed powder, etc. One leading entrepreneur from Kerala gave demonstration and resource person from MSME office spoke on different schemes for entrepreneur. In all KVK trained more than 100 participants. Jackfruit Festival was organized at Socorro village where in demonstration of various value added products like jackfruit Halwa, Squash, Pickle, Seed Jaffe was demonstrated to the participants. 400 people attended the feast. Health benefits were emphasized of Jackfruit and various uses of Jackfruit right from when it is immature to unripe stage mature as well as ripened stage were explained to the audience. Innovative dishes which gain attention of the people were “Seed Jaffe” which is promoted as health drink and “Jackfruit Xacuti” which is made of mature Jackfruit. Women's group were motivated to make best use of underutilized fruit which is available in village for additional income.



Training on Scientific Management of Goat



A two days training on “Scientific management of Goats” was organised by Krishi Vigyan Kendra, ICAR - CCARI, Old Goa on 02nd and 3rd June 2017. Dr. Udharwar Sanjaykumar , SMS (Animal Science) gave 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. Dr. Chetankumar H.B. Scientist (Animal Science) spoke on Housing and Hygienic practices to be followed in Goat Farming and focused importance of Raised flat form shed for goats in Goa . Dr.Shivasharanappa Naikwade , Scientist covered the importance of nutrition in goats and presented the detail performance of Konkan Kanyal Goat , which is attaining 30 kilo weight at the age of 6 -7 months . Dr. E.B.Chakurkar , Director of ICAR-CCCARI spoke on reproductive management of goats and suggested farmers to maintain Konkan Kanyal goats which gives twins per delivery and gives sure income to the farmers and well suits for Integrated Farming System of Goa. Total of 13 farmers from different places of Goa participated in this training programme.

Other Extension Activities



- 1 Celebration of Technology Week from 6-10 Feb 2017
- 2 Science Fiesta 2017 at Science Centre 25-28 Feb 2017
- 3 Diagnostic visit to Dairy progressive farmers on 05 Apr 2017
- 4 Exhibition at Konkan Fruit Fest 2017 from 21-23 Apr 2017
- 5 Soil Health Campaign at Bicholim on 12 May 2017
- 6 Field Day on Fodder on 13 June 2017

Knowledge Corner

CO-5 hybrid Napier is perennial fodder variety developed by TNAU, Coimbatore. This fodder is interspecific hybrid between fodder cumbu IP20594 x Napier grass FD 437. In irrigated lands, this fodder can be cultivated throughout the year and in all types of soils. Average green fodder yield of this variety is 300- 360 MT / Ha/year with 6-7 harvestings. Crude protein percentage of this fodder is 12% (More than earlier developed fodders i.e CO-3 (10.5%) and CO-4 (10.71) .



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