



कृषि विज्ञान केन्द्र
भा कृ अनु प - केंद्रीय तटीय कृषि अनुसंधान संस्थान
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Newsletter

Q1 (Jan – Mar, 2021)



Shri H. R. C. Prabhu

From the desk of Sr. Scientist & Head I/c,

Cashew is one of the most important plantation crops in India as it brings in considerable foreign exchange earnings. In the state of Goa, it occupies the largest area among horticultural crops. This crop covers about 55,302 ha. area with an annual production estimated at 27,070 tonnes. In Goa, since Government is permitting for Feni preparation, there is huge demand for cashew apple also. Keeping this in view, the ICAR-Central Coastal Agricultural Research Institute, Old Goa, Goa has released following Cashew Varieties for Goa, which are very much suitable for both kernel and apple. The characters are as follows

Goa Cashew – 1 (Bali - 2) Yield: 10-12 kg/tree yield at 10 th year of age Nut size: -7.6 – 7.8 g (Bold nut) Shelling percent: -29 – 30 % Kernel grade: - W210 – W240 Apple size: - 70 – 74 g	Goa Cashew – 2 (Tiswadi - 3) Yield: 6 – 8.5kg/tree yield at 10 th year of age Nut size: - 8.5 – 9.2 g (Ultra Bold nut) Shelling percent: -28.5 – 29% Kernel grade: - W180 Apple size: - 90 – 98 g
Goa Cashew – 3 (Ganje - 2) Yield: 15 – 18 kg/tree yield at 10 th year of age Nut size: 7.5 – 8.08 g (Bold nut) Shelling percent: 29.5 % Kernel grade: W210 – W240 Apple size: 80 – 85 g	Goa Cashew – 4 (KN – 2/98) Yield: 15 – 18 kg/tree yield at 10 th year of age Nut size: 7.5 – 8.0 g (Bold nut) Shelling percent: 29.59% Kernel grade: - W210 – W240 Apple size: 107.5g

Awareness Program on Beekeeping

An awareness program on Beekeeping was organized at KVK, North Goa on 16/01/2021. During the inaugural address, Dr. B L Kasinath, Principal Scientist & Head, KVK, North Goa spoke on the importance of beekeeping in crop production and doubling the farmer's income. During the technical session, Mr. H R C Prabhu, SMS (Plant Protection), Mrs. Shishira Uttapa and Mr. Suprajit Raikar covered the topics like types of bees, life cycle, handling of bees, management of bees during monsoon, pest & diseases, harvesting & packaging.



In the afternoon practical session on handling of bees & maintenance of beehive boxes was demonstrated. The program was organized in collaboration with M/s Raikar Honey and was attended by 85 participants. The program was organized by following the COVID – 19 guidelines.

Scientific Beekeeping

A training programme on Scientific Beekeeping was organized on 27-02-2021 at Gaodongrim, Canacona, under Schedule Tribe Component Programme. Mr. HRC Prabhu and Mrs. Shishira Uttappa, Apiculture consultant, explained the different aspects of beekeeping like – Handling and Management of bee colonies. At the end of the programme Honey Bee colonies were distributed to 17 ST Farmers.



Farmer's field day on Scientific Coconut Cultivation

Farmer's field day on Scientific Coconut Cultivation was conducted on 2nd March, 2021 at Rannechem juem, Nadora, Goa. The program was sponsored by Coconut Development Board, in the program 30 farmers were participated. Mrs. Sunetra Talaulikar, SMS (Home Science) welcomed the gathering and briefed the participants about the program and highlighted importance of coconut cultivation, processing & value addition.



In the training program many experts were involved to cover coconut cultivation and value addition aspects. Dr. B L Kasinath, Principal Scientist & Head, KVK spoke on coconut cultivation practices & briefed about KVK activities. Mr. H R C Prabhu, SMS (Plant Protection) delivered lecture on Pest & Disease Management of Coconut. Mr. Miguel Braganza, President, Botanical Society of Goa spoke on importance of coconut growing for higher income generation. Mrs. Sunetra Talaulikar,

SMS (Home Science) spoke on the importance of value addition and different value added products of coconut.

Mr. Shashi Vishwakarma, Technical Officer spoke on integrated nutrient management in Coconut Cultivation. Dr. Monica Singh, SMS (Agril Extension) spoke on various schemes on coconut cultivation available for farmers in the Goa state. Mrs. Sunetra Talaulikar, SMS (Home Science) compared the program & proposed vote of thanks.

Celebration of International Women's Day at ICAR – KVK, North Goa

International Women's Day was celebrated at ICAR – KVK, North Goa on 08th March, 2021. The programme was started with the webcasting of ICAR, New Delhi, interaction with progressive Women farmers and entrepreneurs across India. In the programme a total of 75 women were participating in the programme from different SHGs from adopted villages of KVK.



Mrs. Usha Ramesh, General Manager, NABARD, stressed on the need of Women to be empowered and urged the women to take up income generating activities. Ms. Priti Kumari, Canara Bank Manager, also spoke on entrepreneur development among women and micro faculties available by the bank. Dr. E. B. Chakurkar, Director (A), ICAR – CCARI, Goa, spoke on various agricultural activities can be

adopted by the women for their livelihood security. Dr. B. L. Kasinath, Principal Scientist and Head, ICAR – KVK, North Goa, explained different farming programme offered by KVK for women for empowerment. Welcome address was given by Mrs. Sunetra Talaulikar, Subject Matter Specialist (Home Science), vote of thanks was proposed by Dr. Maneesha S. R., Scientist (Horticulture). The programme was compared by Dr. Monica Suresh Singh, Subject Matter Specialist (Agricultural Extension).

Online training programme on Scientific Beekeeping

ICAR – KVK, North Goa, ICAR – CCARI, Old Goa, organized Online training programme on Scientific Beekeeping during 9th to 11th March, 2021. The Programme was inaugurated by Dr. B. L. Kasinath, Principal Scientist and Head, ICAR – KVK, North Goa. In his address, he highlighted the important role of honey bees in crop production. During the technical sessions, Shri HRC Prabhu, Subject Matter Specialist (Plant Protection) and Mrs. Shishira Uttappa, Honey Bee consultant, spoke on the different aspect of beekeeping like – types of bees, management of bees, tools for beekeeping, handled, harvesting of honey etc.



Capacity Building Programme on Modern IPM Strategies in Vegetable Production

A programme on Capacity Building Programme on Modern IPM Strategies in Vegetable Production was organized on 12-03-2021 at ICAR – KVK, North Goa.



Dr. N. K. Krishna Kumar, Ex-DDG (Horticultural Sciences), ICAR, New Delhi, was the lead speaker and explained modern IPM strategies to reduce the pesticide load on vegetables. Dr. E. B. Chakurkar, Director (A), ICAR – CCARI, Goa, in his address spoke on the importance of IPM strategies in pest management.



Dr. B. L. Kasinath, Principal Scientist and Head, ICAR – KVK, North Goa, in his welcome address stressed on minimal use of chemicals to get healthy vegetables. Dr. R. Ramesh, Principal Scientist (Plant Protection), ICAR – CCARI, Goa, spoke on Disease Management in Vegetables crops. Mr. H. R. C. Prabhu, Subject Matter Specialist (Plant Protection) proposed vote of thanks and Dr. Monica Suresh Singh, Subject Matter Specialist (Agril. Extn.) compered the programme. The programme was attended by 25 officers from Directorate of Agriculture, Government of Goa.

Two capacity building programme on Scientific Beekeeping

Two capacity building programme on Scientific Beekeeping were organized during 15th – 21st March, 2021 and 16th – 22nd March, 2021. These programmes were sponsored by National Bee Board. During the inauguration, Dr. Eaknath B. Chakurkar, Director (A), ICAR – CCARI, Goa, highlighted the scope and importance of beekeeping in crop production. Dr. B. L. Kasinath, Principal Scientist and Head, briefed on the role of honey bees in pollination.



Shri H. R. C. Prabhu, Subject Matter Specialist (Plant Protection), ICAR – KVK, North Goa was Course Coordinator. Smt. Shishira Uttappa and Shri Melvyn, were the resource persons for this programme. During the 07 days programme all the aspects of beekeeping – types of bees, life cycle, colony management, honey harvesting, etc. were covered and more emphasis was given on hands-on training. There were 25 participants per batch. They were also taken to Tanshikar's Spice Farm on exposure visit. At the end of the programme the certificate was distributed to all the participants.

Three days Capacity Building Programme on Food Processing & Value Addition of Goan Fruits

A three days Capacity Building Programme on Food Processing and Value Addition of Goan Fruits was organized by the ICAR – Krishi Vigyan Kendra, North Goa, ICAR – CCARI, Goa, in collaboration with Goa Biodiversity Board, Saligaon, Goa. Total 25 participants attended the programme from Sanqualim, Harvellem and Pali villages, In the valedictory function organized on 24th March, 2021.



Mrs. Sulakshana Sawant, President of Food Federation, Goa, was the Chief Guest. She stressed on the women group attended the programme to take up Jackfruit Processing as an enterprise as jackfruit has been identified for North Goa district under One District One Product by Ministry of Food Processing, New Delhi.



Dr. E. B. Chakurkar, Director, ICAR – CCARI, Goa, also attended the programme and appreciated KVK officials for organizing such

programme. Dr. B. L. Kasinath, Principal Scientist and Head, ICAR – KVK, North Goa, welcomed the dignitaries and briefed the KVK activities for women empowerment. Mrs, Sunetra Talaulikar, Subject Matter Specialist (Home Science), shared the brief about the three days programme with the dignitaries. Mr. H. R. C. Prabhu, Subject Matter Specialist (Plant Protection), ICAR – KVK, North Goa, gave the vote of thanks.