



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

Q3 (Jul – Sept, 2021)



Shri H. R. C. Prabhu

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

ICAR-Central Coastal Agricultural Research Institute, Old Goa, Goa, has released Goa Bio-1, A Bio-formulation for plant growth promotion of paddy under salt affected soils of coastal regions

Product details:	Organism : Bacillus methylotrophicus STC -4 Formulation : talc based Population : >10 ⁸ CFU/g Shelf life : 18 months
Recommended crops:	Paddy (under saline and non saline soils), vegetable crops (brinjal, tomato chilli, cucumber), black pepper
Benefits:	<ul style="list-style-type: none">• Better nutrient mineralization• Alleviation of salinity stress• Better crop establishment• Improved plant growth parameters• Yield and soil biological activity• Important component in INM strategy
Delivery methods:	Seed treatment before sowing and nursery application were validated in paddy. In case of other crops, nursery application and soil application during and after planting were validated.
Recommendation dose: (Seed Treatment)	For Paddy 40g/kg seeds; over night soaked seeds are coated with bio formulation and allowed for germination before sowing or pregerminated seeds are treated with the bio formulation over night before sowing. Main field application for the other crops: Soil application: apply 1.25 – 150 g/plant in case of vegetables (drench the suspension made of water). Apply 50 g per plant in case of black pepper and other plantation crops as powder while planting or drench the suspension made of water if the planting has already been done. Application to be repeated every year in case of black pepper

Schedule Tribe Component programmes

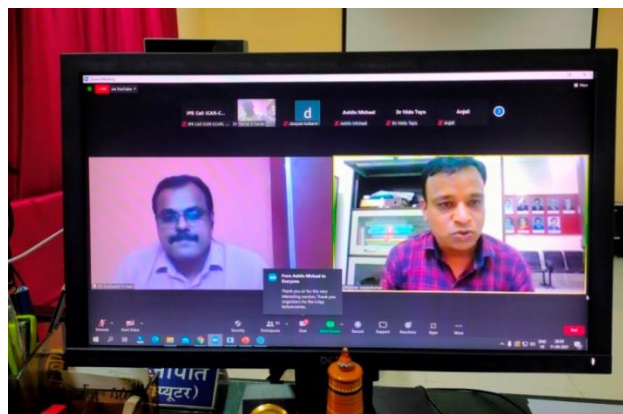
Schedule Tribe Component programmes were organized at Kirpal, Barcem and Gaodongrim villages on 09-07-2021. During the programme Shri Shashi Vishwakarma, Technical Officer (Soil Sciences), explained the importance of growing fruit trees and also about soil testing. Shri HRC prabhu, Sr. Scientist and Head Incharge, ICAR – KVK, North Goa, ICAR – CCARI, Goa, spoke on Vermicomposting and the importance of improving the organic matter content in the soil. At Kirpal village the programme was attended by Shri Milindra Velip, BDO, Darbandora and Shri Shashikant S. Gaonkar, Dy. Sarpanch, Kirpal.

The programme was attended by 63 ST farmers. At the end of the programme fruit and spices plants – Mango, Cashew, Drumstick, Lime, Cinnamon, etc. and vermibeds were distributed to the farmers.



Three days webinar series on “Small animal surgical management under “Bharat Ka Amruth Mahotsav”

ICAR -Krishi Vigyan Kendra, North Goa, ICAR CCARI Goa conducted three days webinar series on “Small animal surgical management “under “Bharat Ka Amruth Mahotsav” from 9th to 11th August 2021 in collaboration with The Goa Veterinary Association.



Mr. H.R.C. Prabhu, Senior Scientist and Head In charge. KVK North Goa gave welcome address and the programme was inaugurated by Dr. Parveen Kumar, Director, ICAR- Central Coastal Agricultural Research Institute , Goa . Dr.Mahendra Bale Treasurer, The Goa veterinary Association, was the guest of honor. All the speakers were from Department of Veterinary Surgery and Radiology , College of Veterinary and Animal Sciences Mannuthy, Thrissur, Kerala. On the first day Dr.S.Anoop , Associate Professor gave lecture on “Management of Corneal ulcer in small animals” , on second day Dr. Soumya Ramanakutty delivered lecture on “ Small animal anesthesia” and on third day Dr.(Major) Sudheesh Nair gave lecture on “ Canine behavior and aggression” . Dr.Udharwar Sanjaykumar Vithalrao , S.M.S. (Animal Science), KVK -North Goa worked as webinar coordinator. Dr.Shivasharappa, N., Nodal officer for the Bharath ka Amruth Mahotsav gave closing remarks and distributed E-certificates to the speakers. Dr. Rama Parab, General Secretary , The Goa veterinary Association , gave vote of thanks. Total of 83 veterinary doctors attended this webinar.

Interactive meeting with beekeepers of Goa

An interactive meeting with beekeepers of Goa, was organized on 16-08-2021. During the discussion Dr. Parveen Kumar, Director, ICAR – CCARI, Goa, assured all the technical help from ICAR – KVK, North Goa and ICAR – CCARI, Goa, for beekeeping and other allied activities. Shri HRC prabhu, Sr. Scientist and

Head Incharge, Smt Shishira Uthappa and Shri Melwyn, interacted with the farmers and gave suggestions to overcome the difficulties faced by the beekeepers of Goa.



Parthenium awareness programme

A parthenium awareness programme was organized at ICAR – KVK, North Goa on 16-08-2021. During the programme Shri HRC Prabhu, Sr. Scientist and Head Incharge, ICAR – KVK, North Goa, effects and management strategies. The programme was attended by 12 farmers.



Dr. K. K. Singh, Scientist – G (Agromet), visited KVK

Dr. K. K. Singh, Scientist – G (Agromet), visited KVK on 23-08-2021 to review the progress of DAMU Project. He held discussion with Shri H. R. C. Prabhu, Sr. Scientist and Head Incharge, ICAR – KVK, North Goa, ICAR – CCARI, Goa, Dr. Mahajan, Scientist and DAMU Project Incharge and Ms. Navya. He made suggestions for the improvement of the project and also to study the impact of weather forecasting. Later he met Dr. Parveen Kumar,

Director, ICAR – CCARI, Goa, for the discussion and also visited observatory at KVK.



“Food and Nutrition for Farmers”

In the series of events under “Azadi Ka Amrit Mahotsav”, ICAR – KVK, North Goa, ICAR – CCARI, Goa, organized one campaign with theme for the month of August 2021 as “Food and Nutrition for Farmers” on 26 August 2021 at Assnora village. Cooking competition was organized by using local vegetables of rainy season. The event was graced by Mrs. Roshnali Kavlekar, Sarpanch, Assnora village. Shri HRC Prabhu, Sr. Scientist and Head Incharge, gave talk on nutrition garden, Smt Sunetra Talaulikar, SMS (Home Science), gave talk on nutri thali and nutritional security, she also highlighter the importance of food and nutrition for farmers. Dr. Monica Suresh Singh, SMS (Agril. Extn.), in her welcome address told about the theme of the programme the gathering and proposed vote of thanks. The programme was attended by 25 farmers, prizes were also distributed to 06 best food preparations.



Campaign on Nurtri-Garden and Tree plantation

ICAR - KVK, North Goa of ICAR - CCARI, Goa, celebrated International year of Millets - 2023, campaign on Nurtri-Garden and Tree plantation at Surla and Nagargaon villages on 17th September, 2021. Smt Sulakshana Sawant, Social Worker and spouse of Dr. Pramod Sawant, Hon'ble Chief Minister of Goa was the Chief Guest. In her address she appreciated works done by KVK, North Goa and ICAR-CCARI, Goa and emphasized on women health as well as health of children and advised the ladies participants to increase the intake of millets in their daily diet. Dr. Parveen Kumar, Director, ICAR - CCARI, Goa highlighted the importance of millets as 'Smart food' and 'Smart Crops' because of their nutritional superiority over rice & wheat and better climate resilience and hardiness. He opined that use of millets in daily diet will improve the income of the millets growers on one hand and improve the nutritional and health status of consumers on the other hand. Shri HRC Prabhu, Sr. Scientist and Head, spoke on the importance of growing pesticide free vegetables and tree planting.



Smt Sunetra Talaulikar, Subject Matter Specialist (Home Science), in her welcome address talked about the theme of the programme and gave lecture on importance of Nutri-thali. As a part of the programme cooking competition by using millets and leafy vegetables and rangoli competition by using cereals / pulses / vegetables were also organized. To promote tree plantation 105 planting materials of mango, moringa etc. were given to the participants followed by tree

plantation by the guests. Total 105 farm women attended the programme.

Orientation program on Agriculture for Swayampurna Mitras

An orientation program on Agriculture for Swayampurna Mitras was program on Agriculture for Swayampurna Mitras was organized by ICAR-Central Coastal Agricultural Research Institute, Old Goa, and ICAR-Krishi Vigyan Kendra, North Goa, in collaboration with Directorate of Planning, Statistics & Evaluation, Govt of Goa, during 20-21 September, 2021. In this program 104 Swayampurna Mitras from North Goa participated on 20/09/2021 and 95 Swayampurna Mitras from South Goa on 21/09/2021. The program started with welcome address by Shri. H R C Prabhu, Sr. Scientist and Head I/C, KVK-North Goa. He formally welcomed the participants and briefed about the program. Dr. Durga Prasad, Director, Directorate of Planning, Statistics & Evaluation, Govt of Goa, in his address highlighted about Atma Nirbhar Bharat and Swayampurna Goa Program and gave us insight about various program conducted since its inception in October, 2020. Dr. Parveen Kumar, Director, ICAR-CCARI, Old Goa in his address gave an overview about ICAR-CCARI along with significant research activities, technology packages developed for the benefit of farming community. He also emphasized on the current research priorities of the institute During the technical session various presentation which included, 'Technologies of Horticultural Sciences' by Dr. A.R. Desai, Principal Scientist (Fruit Science), 'Technologies of Crop Improvement' by Dr. K.K. Manahora, Senior Scientist (Genetics and Plant Breeding), 'Technologies of Natural Resource Management' by Dr. Gopal Ramdas Mahajan, Scientist (Soil Science, 'Technologies of Animal Sciences' by Dr. Shivasharanappa,

Senior Scientist (Veterinary Pathology), ‘Technologies in Fisheries sciences by Dr. Sreekant G.B, Scientist (FRM), ‘Transfer of Technologies’ by Shri. H R C Prabhu, Sr. Scientist & Head I/C, ‘Activities of ATMA’ by Mrs. Vismita Marathe, Deputy Project Director, ATMA-North Goa and ‘Various Schemes in Agriculture’ by Rouchelle Fernandes, Zonal Agricultural Officer, Tiswadi. It was followed by field visit, demonstration units including Virgin coconut oil unit.



The valedictory function of the Orientation programme was graced by Dr. Pramod Sawant, Hon’ble Chief Minister, Govt. of Goa. In his address he appreciated the efforts of ICAR-CCARI in developing technologies for the farmers of Goa. He also urged the Swayampurna Mitras to visit ICAR-CCARI regularly and help in disseminating ICAR-technologies to farming community to increase their income by increasing productivity of different crops. The program ended with vote of thanks by Mrs. Sunetra Talaulikar and Mr. Rahul Kulkarni, ACTO, ICAR – CCARI and was compered by Dr. Monica Singh, SMS (Ag. Extn).

Nation-wide programme on Climate Resilient Agriculture and inauguration of ICAR-NIBSM

On the occasion of organization of a nation-wide programme on Climate Resilient Agriculture and inauguration of ICAR-NIBSM by Hon’ble Shri. Narendra Modi, Prime Minister, Government by Hon’ble Prime through a virtual

programme platform, a program on “Farmers-Scientist Interface on Climate Resilient Varieties, Technologies and Practices” was organized by ICAR – CCARI and Krishi Vigyan Kendra, North Goa, Goa on 28/09/2021.



Mr. Vasudev M Govekar, Ex MLA and President, Kisan Morcha was the Chief Guest. In his address, he appreciated the efforts of ICAR – CCARI and KVK, North Goa in developing and disseminating the climate resilient varieties, technologies and practices. Dr. S K Singh, Principal Scientist (Soil Science) spoke on the mitigation of the climate changes using the improved technologies. Dr. Manohara KK, Senior Scientist (Genetics & Plant Breeding) made the farmers aware about the Climate Resilient Varieties for cultivation in the State of Goa and other parts of the coastal region and Dr. G. R. Mahajan, Scientist (Soil Science) made elaborate presentation on technologies & practices for climate resilience and improved income. Mr. H R C Prabhu, Senior Scientist & Head I/c in his welcome address briefed about the importance and theme of the program. Mrs. Sunetra Talaulikar, SMS (Home Science) compered the programme and proposed vote of thanks. The program was attended by 125 participants which included mostly women farmers, scientists and technical staff of the Institute.